



**ST. CLAIR CATHOLIC**  
DISTRICT SCHOOL BOARD

*Lighting the Way ~ Rejoicing in Our Journey*

**REQUEST FOR TENDER: 612-CP2108**

**Rear Yard Site Improvements**

**Christ the King Catholic School**

**227 Thomas Ave, Wallaceburg, ON**

**Submission Deadline and Location:**

**Thursday, September 10, 2020**

**4:00:00 PM Local Time**

**Submission Via Email**

**ISSUED: August 20, 2020**

## Part 1: INTRODUCTION

### 1.1. **INTRODUCTION**

The St. Clair Catholic District School Board (hereafter referred to as the “SCCDSB” or the “Board”) invites interested parties to submit sealed submissions in response to this Request for Tender (“RFT”) document. The SCCDSB currently operates 25 elementary schools, 2 secondary schools, and an administrative office within the regions of Sarnia-Lambton and Chatham-Kent.

### 1.2. **PURPOSE**

The purpose of this RFT document is to provide interested parties with sufficient information to enable them to prepare and submit bids for consideration by the SCCDSB for the Scope of Work provided, subject to the terms and conditions described herein.

### 1.3. **INTERPRETATION AND DEFINITIONS**

The following words are used throughout the bid document and proponents should note these conditions when completing their RFT submission.

“ADDENDUM” means a written instruction and/or clarification issued to the RFT Document. The term addenda is to mean the same as Addendum.

“AGREEMENT” or “CONTRACT” means the final document including, but not limited to, the terms and conditions of this document.

“APPLICABLE LAW” and “APPLICABLE LAWS” means any common law requirement and all applicable and enforceable statutes, regulations, directives, policies, administrative interpretations, orders, by laws, rules, guidelines, approvals and other legal requirements of any government and/or regulatory authority in effect from time to time.

“BID IRREGULARITY” means a deviation between the requirements (terms, conditions, specifications, special instructions) of a bid response for the purposes of this bid; bid irregularities are further classified as major irregularities or minor irregularities. The classification of what is a major irregularity or a minor irregularity shall be the sole discretion of the SCCDSB.

“BID SUBMISSION” or “SUBMISSION” means all of the documentation and information submitted by a Proponent in response to this request.

“CONFLICT OF INTEREST” means any situation or circumstance where, in relation to performance of obligations under the RFT, the Proponent’s other commitments, relationships, or financial interests could result in a real, perceived, or potential unfair advantage to the Proponent.

“CONTRACTOR” means an entity that submits a bid in response to this tender document, as the context may suggest, refers to a potential Contractor.

“INFORMAL” shall mean bid submissions will be eliminated from further evaluation if the submission does not include the required information.

“MUST” shall mean proponents “must” include the required information in the bid submission. Failure to include the required information will deem the submission informal.

“PROPONENT” means an entity that submits a bid in response to this tender document, as the context may suggest, refers to a potential Proponent.

“SHOULD” shall mean proponents “should” include the required information in the bid submission.

“SUBCONTRACTOR” means the subcontractor and/or business who contracts to provide some service or material necessary for the performance of another’s contract.

[End of Part 1]

## PART 2: RFT PROCESS, INSTRUCTIONS, TERMS & CONDITIONS

### 2.1. **RFT SCHEDULE**

For the purposes of this RFT, the Board has established the following timing deadlines for the completion of the RFT process.

Event	Date & Time
<b>Issue Date:</b>	Thursday, August 20, 2020
<b>Mandatory Site Visit:</b>	Wednesday, August 26, 2020 @ 2:00 PM
<b>Last day to submit questions:</b>	Wednesday, September 2, 2020 @ 2:00 PM
<b>Responses to Questions Received :</b>	Friday, September 4, 2020
<b>Closing Date and Time:</b>	Thursday, September 10, 2020 @ 4:00:00 PM

### 2.2. **RFT CONTACT**

Tony Prizio, Supervisor – Procurement  
St. Clair Catholic District School Board  
420 Creek Street, Wallaceburg, ON  
P: (519) 627-6762 x10256  
E: [tony.prizio@st-clair.net](mailto:tony.prizio@st-clair.net)

### 2.3. **DOCUMENT AVAILABILITY**

RFT documents are available on the Board’s Website [www.st-clair.net](http://www.st-clair.net) under Bid Opportunities or on Biddingo [www.biddingo.com](http://www.biddingo.com). Documents will also be provided to local construction associations: Sarnia Construction Association, Windsor Construction Association, Lambton Area Builders Exchange and the London & District Construction Association.

The Board assumes no responsibility for the proponent’s failure to examine all of the RFT Documents.

### 2.4. **ACCEPTANCE OF TERMS**

The submission of a bid by a Proponent represents that the Proponent has read and completely understands, and accepts all provisions contained within this RFT. Any bid that has alternative terms and conditions to those contained herewith may be considered a counteroffer to the Board’s request and may be rejected.

### 2.5. **AGREEMENT TO ABIDE BY ESTABLISHED PROCESS**

It is vital to the Board that the process leading the acceptance of a submission(s) be open and fair and that each Bidder be treated equally. No Bidder can be seen to be deriving, intentionally or otherwise, and advantage or information, which is not equally available to all other Bidders. Nor is it acceptable that any advantage or information sought or obtained from any unauthorized staff and representatives of the Board or any benefit is derived from any special or personal relationships or contacts.

The following rules must be observed to protect the integrity of the competitive procurement process:

- All communications, including requests for information, must be between only the Representative of the Board and each Bidder who have been authorized and designated for that particular purpose.
- Apart from the communications between and among the designated representatives, there must be no communication between any other Board staff and any other representatives of the Bidder, and no giving of information with respect to the competitive procurement process and the final contract.
- Any attempt on the part of the Bidder, or any of its Employees, Agents, Vendors, or Representatives to contact any person(s) other than the designated SCCDSB representative(s) with respect to the competitive procurement process or any violation of the above requirements will be grounds for disqualification. The Board may, at its discretion, in addition to any other rights or remedies available at law, reject any potential or actual submission submitted by that Bidder.

Bidders accepts and agrees to observe the conditions listed herein, inform their staff thereof, and ensure their compliance by submitting an executed Bid Submission in response to this RFT.

## **2.6. SCOPE OF WORK**

The St. Clair Catholic District School Board (Board) is seeking a Contractor to provide all of the necessary materials, equipment and labour to complete all work as detailed and described on the drawings provided as part of this Tender. The scope of work is to complete site grubbing and clearing of all vegetative material along with all miscellaneous debris, incursions of fencing, structures and any other appurtenances found within the property lines of the site. The scope of work includes civil services to provide subsurface drainage and connection to city services located outside the site boundary, in the adjacent street. Care for the work is to complete and return the adjacent areas of work to new condition as described in the documents. Once civil work for subsurface drainage and surface requirements are completed, the site is to be completely fenced. Work to prepare the entire field area for turf grass seeding is to be completed. Subsequent seeding operations are to result in a strong, healthy grass play field to be achieved at Christ the King Catholic School, 227 Thomas Ave., Wallaceburg, ON.

## **2.7. CONTRACT PRICING**

Proponents must complete the Bid Form. Prices must include all travel, reimbursements, delivery (FOB Destination).

All charges must include the cost of the product or service. Prices quoted must be for products or services exactly as specified, unless otherwise noted or requested on the Bid Form.

## **2.8. EXAMINATION OF SITE & SITE VISIT**

Location: Christ the King Catholic School, 227 Thomas Avenue, Wallaceburg

Contact: Juan Galindo, 226-402-4824

Instructions: The site examination will be held at the date and time specified in Section 2.1 RFT Schedule. Attendees are required to report to the main office. A sign-in sheet will be available at the site examination. It is the attendee's responsibility to ensure they are signed-in at the meeting.

The Board is requesting that all contractors follow guidelines set out by provincial and local public health authorities to stop the spread of illness. Bidders are asked to limit the number of site meeting attendees from their organization to one (1). Rules for accessing Board properties during the COVID-19 Pandemic will be posted at each location.

This is a MANDATORY SITE VISIT. Only contractors who attend the site visit will be permitted to submit a bid response. Attendance will be taken and will form part of the Bid Documents. Representatives of the Owner and Consultant will be in attendance.

Questions will not be taken at the site meeting. All inquiries must be submitted in writing in accordance with section 2.12 Questions and Requests for Clarification. In submitting a bid, it will be assumed that the bidders have carefully examined the drawings and have included in the bid price the complete cost of the work contemplated by the drawings and specifications and other bid documents.

## **2.9. TIMING OF PROJECT**

The schedule for the completion of the project is:

- Commencement immediately after award
- Completion / Substantial Performance no later than October 30<sup>th</sup>. 2020.

As this site is separated from the school site, work may continue with respect to City of Wallaceburg Noise and Construction activity by-laws.

It is the Board's intent to adhere to the schedule as set out in this tender documents. The successful bidder should make all reasonable efforts to attain the schedule as set out; however, due to limitations relating to Covid-19, the Board will work with the successful bidder on a revised schedule that is both reasonable and fair to both parties, including but not restricted to, changing the completion date that accommodates both parties.

## **2.10. COORDINATION WITH OCCUPANTS**

Full Owner Occupancy: Owner will occupy the school site during entire construction period except for weekends and Holidays. Cooperate with Owner during construction operations to minimize conflicts and facilitate Owner usage of the Adjacent School site. Perform the Work so as not to interfere with Owner's day-to-day operations.

- Maintain access to existing walkways, and other adjacent occupied or used facilities. Do not close or obstruct walkways without written permission from Owner and approval of authorities having jurisdiction.
- Notify Owner not less than 48 hours in advance of activities that will affect Owner's operations.
- Restrict high noise operations (i.e. breaking and cutting concrete) to unoccupied periods. Include any overtime wages due to the condition stipulated.
- Power shutdowns will be scheduled during unoccupied periods. Include any overtime wages due to the condition stipulated.

## **2.11. BID SUBMISSION**

**As a result of the COVID-19 Pandemic, the Board has suspending in-person and hard copy submissions.**

Bids shall be submitted with the project clearly identified in the subject line of an email:

**RFT # 612-CP2008 Bid Submission – COMPANY NAME**

The Bid Submission and any supplementary documentation must be returned to:

**Purchasing Department: [purchasing@st-clair.net](mailto:purchasing@st-clair.net)**

**Bids MUST be received no later than the date and time specified in this RFT document. Any bid submissions received after the deadline will be rejected. It is the Bidder's responsibility to ensure their Bid Submission is received by a Board representative on or before the submission deadline.**

Bidders are cautioned that the timing of their Bid Submissions is based on when the Bid is RECEIVED by the Board's Server not when a bid is submitted, as email transmissions can be delayed in an "Internet Traffic Jam" due to file transfer size, transmission speed, etc.

Bidders should submit all requested information in one email with multiple attachments. In the event that the size of the bid results in a large submission, responsibility is with the bidder to send the bid in multiple emails to ensure receipt by the Board, advising the Board as to the number of emails being submitted. The Purchasing department will reply to an email submission simply stating that that bid has been received.

For the above reasons, it is recommended that you give yourself sufficient time to complete your Bid Submission and to resolve any issues that may arise.

Bids shall be filled out in ink or typed, signed in longhand by a duly authorized company official (having authority to bind) and sealed with a company corporate seal. Failure to provide all of the requested information on the Bid Form may result in disqualification of the bid. Please refer to Appendix A: Bidder's Response Guide.

Bids by telephone, hardcopy, or fax will not be accepted.

After bid closing submissions will be opened by the Board's Procurement Department. Bids will not be opened publicly. Copies will be provided to the consultant for evaluation. Bids are considered unofficial until reviewed and deemed formal by the evaluation team. The board reserves the right to request original bid documents from any or all bidders before an award.

Supplier's Bid Submission, all Bid Documents and CCDC 2-2008 Stipulated Price Contract will form the agreement.

## **2.12. QUESTIONS AND REQUESTS FOR CLARIFICATION**

Proponents finding discrepancies, ambiguities or omissions in the RFT documents or having doubt as to the meaning or intent thereof, shall immediately notify the Procurement Department in writing. Verbal verification shall not be interpreted to change the intent or contents of the tender. Questions must be received in writing by the date and time specified in the RFT Document. Responses will be provided in writing for the benefit of all Proponents in the same manner the original RFT documents were issued. The Board reserves the right to edit questions for clarity (typos, grammar, etc.), exclude questions that are unclear, or answer similar questions from various Proponents only once.

All questions to be addressed in writing to: Victoria Iaccino, Procurement Officer  
St. Clair Catholic District School Board  
E-mail: [victoria.iaccino@st-clair.net](mailto:victoria.iaccino@st-clair.net)  
CC: [tony.prizio@st-clair.net](mailto:tony.prizio@st-clair.net)

For the purpose of this RFT, Proponents shall not contact anyone in the Board other than the designated contact listed in these bid documents. Any unauthorized communications may result in disqualification.

The Board is not responsible for any misunderstanding of the RFT on the part of a Proponent. It is the responsibility of the Proponent to seek clarification on any matter it considers to be unclear. Proponents shall not, after the submission of a Bid, claim that there was any misunderstanding or claim there were discrepancies, ambiguities, or omissions with respect to the Bid Documents. Nor shall a Proponents claim that the Purchaser is responsible for any of the circumstances listed above.

**2.13. ADDENDA**

Proponents may also, during the RFT Process, be advised by Addendum of any additions, deletions or alterations to RFT documents. All such Addenda shall become part of the RFT Documents.

If an addendum is issued, the document(s) will be made available to Proponents through the same platform that the original RFT documents were issued. Proponents are responsible for verifying before submitting its response that it has received all addenda that may have been issued.

Where a Bid Submission has been received by the Board prior to the publication of an Addendum or notice, the Board shall allow that Proponent to submit a revised Bid Submission prior to the closing date for the RFT or send written acknowledgement (which may be by email) to the RFT contact that the original Bid Submission still stands.

**2.14. WITHDRAWAL OR AMENDMENT OF SUBMISSION**

A Proponent may alter, amend, or withdraw a submitted proposal if such request is received in writing by the contact person for this RFT prior to the closing date and time specified in this document. The last submission shall supersede and invalidate all previous submission by that Proponent as it applies to this bid. Such requests received after the closing date and time will not be permitted. It is solely the Proponent's responsibility to ensure their bid is resubmitted no later than the bid submission deadline

**2.15. BID ACCEPTANCE**

It shall be understood by all proponents, that the RFT submission shall be valid and subject to acceptance by the Board, and that no adjustments shall be made to the proposal for a period of up to and including sixty (60) days from the RFT Closing Date.

The Board reserves the right to determine the successful proponent at its sole discretion. The lowest cost may not be accepted. The Board reserves the right to decline any or all submissions, in whole or in part, at any time prior to making an award. The Board may accept or reject a Bid if only one (1) bid is received.

The successful proponent shall be required to enter into a formal contract with the Board, which will include the terms and conditions of the RFT documents, the Proponent's bid, and all other applicable documents.

**2.16. CANCELLATION**

The Board may cancel this RFT at its discretion at any time prior to an award. The Board may do so if:

- The Board determines it would be in the best interest of the Board not to award an Agreement
- The Bid prices exceed the bid prices received by the Board for services acquired of a similar nature and previously done work
- The Bid prices exceed the costs the Board would incur by doing the work, or most of the work, with its own resources
- The Bid prices exceed the funds available



- The funding for the acquisition of the proposed Goods or Services has been revoked, modified, or not approved.

Where the Board cancels this RFT, the Board may do so without providing reasons and may issue a new request for tender, request for qualifications, sole source, or do nothing.

**2.17. CLARIFICATION**

The Board reserves the right to seek clarification from any Proponents without being obligated to all Proponents if it finds certain aspects of a bid unclear. The Purchaser shall not be obliged to seek clarification of any aspect of any Bid.

Any clarification sought shall not be an opportunity for the Proponent to either correct errors or to change its Bid in any substantive manner.

**2.18. BOARD'S RIGHT TO WAIVE MINOR IRREGULARITY**

The Board reserves the right to accept or waive a minor irregularity, or where practical to do so, the Board may as a condition of bid acceptance request a Proponent to correct a minor irregularity with no change in bid price. Items of non-compliance on any bid submissions which do not strictly comply with the provisions, procedures and requirements of this bid, or are incomplete, ambiguous, or which contain errors, alterations, misleading information, omissions, or irregularities of any kind, may be rejected and disqualified at the discretion of the Board. All proponents agree to provide all such additional information as, and when requested, at their own expense, provided no proponent in supplying any such information shall be allowed, in any way to change the pricing or other cost quotations originally given in its bid submission or in any way materially alter or add to the solution originally proposed.

**2.19. ERRORS AND OMISSIONS**

The Board will not be held liable for any errors or omissions in any part of the RFT. While the Board has used considerable effort to ensure an accurate representation in the RFT, the information contained in the RFT is supplied solely as a guideline for the Proponents. The information is not guaranteed or warranted to be accurate by the Board, nor is it necessarily comprehensive or exhaustive.

**2.20. PROPONENT EXPENSES**

Any and all costs and expenses incurred by Proponents in the development, preparation, submission or presentation of their bids, or otherwise related to its participation in this RFT process will be borne by the Proponents. The selection of any bid, or the rejection of any or all bids, or the termination/cancellation of this RFT process, or initiation of a new RFT process shall not render the Board liable to pay or reimburse any such costs or damages incurred by any Proponent, or any partner or contractor of such Proponents.

**2.21. VOLUNTARY ALTERNATE & SEPARATE PRICES**

The bid amounts are to be based on the bid documents. Where there is any conflict within the bid documents, the bid amount shall include the higher cost alternative. Alternative proposals are encouraged and should be clearly identified in the bid. Submit complete information including any impact on schedule to allow a full evaluation of the proposal including, as applicable, any particulars in which the alternate proposal is at variance with or unable to meet the specifications. Note also any impact on other trades if the alternative is accepted. Alternative proposals may be made without limitation, including for items specified as single sourced. The Board in its sole and unfettered discretion reserves the right to accept or reject alternatives.

## **2.22. BID INELIGIBILITY**

Bids may, at the discretion of the Owner, be declared informal for any of the following reasons:

- the bid is incomplete, unsigned, improperly signed or sealed, conditional, illegible, obscure, contains arithmetical errors, erasures, alterations, or irregularities of any kind, or
- the bid does not include the required bonding/ consent of surety
- the Bid Forms and enclosures are improperly prepared, or
- the prices seem to be so unbalanced as to adversely affect the interests of the Owner, or
- the bid is based upon an unreasonable period of time for completion or delivery, or
- the bidder does not provide the required Proof of Insurance or WSIB within the time specified in these Bid Documents

## **2.23. AWARD**

The Board has the right to reject any or all bids. The lowest Bid will not necessarily be accepted. The invitation to bid does not constitute an offer by the Contractor to enter into a contract. In the event of a tie, a coin flip conducted by the Supervisor – Procurement (or designate) with a minimum of one other Board staff will determine the successful proponent.

Acceptance of the Bid and/or award is subject to the approval of the St. Clair Catholic District School Board.

The SCCDSB reserves the right to withdraw the award of the contract to a successful bidder(s) within 30 days of the award if, in the opinion of the SCCDSB, the successful bidder(s) is unable or unwilling to enter into a form of contract satisfactory to the SCCDSB. The SCCDSB shall be entitled to do so without any liability being incurred by the SCCDSB to the bidder.

The Board will post a contract award notification in the same manner the Bid Documents were posted following the execution of the Agreement.

## **2.24. ENTITLEMENT TO A DEBRIEFING**

In accordance with the Broader Public Sector Procurement Directive unsuccessful Bidders are entitled to a debriefing, during which they will be provided with feedback regarding their Tender. In order to be debriefed, unsuccessful Bidders must contact the Owner representative identified in the Bid Documents in writing to request a debriefing within sixty (60) days from the date of the notification of award.

## **2.25. BID DISPUTE PROCEDURE**

In the event that a Bidder wishes to review the decision of the Board in respect of any material aspect of the Request For Tender process, the Bidder shall submit a protest in writing to the Board to the attention of the Supervisor – Procurement within ten (10) days of the closing date of the Tender.

Any protest in writing shall include the following:

- a) a specific identification of the provision and/or procurement procedure that is alleged to have been breached;
- b) a specific description of each act alleged to have breached the procurement process;
- c) a precise statement of the relevant facts;
- d) an identification of the issues to be resolved;

- e) the Bidder's arguments and supporting documentation;
- f) the Bidder's requested remedy.

## **2.26. INVOICING & PAYMENT**

The Board shall pay by electronic funds transfer (EFT), P-Card, or cheque within twenty eight (28) days after the receipt of a proper invoice. Invoices will be reviewed and certified by the Board's Consultant, if applicable, before the invoice is processed for payment. Invoices must include all back-up material for time and material charges, disbursements, and other fees. Please make reference to the Purchase Order number on the invoice.

Invoices should be sent digitally to the architect and be based upon the architect's approved format for invoicing with copies sent to [victoria.iaccino@st-clair.net](mailto:victoria.iaccino@st-clair.net). Digital invoices will be processed as an original. Please do not send duplicate copies by mail.

**Note:** Invoices should reflect a 10% holdback (final construction cost) which will be retained by Board through substantial completion of the project in accordance with relevant legislation and a 1.5% holdback (final construction cost) which will be retained until the close out documentation is received and approved by the Board.

## **2.27. TAXES**

Include in Bid all Taxes and all other Customs Duties and Excise Taxes which are in force at Bid date as detailed in General Conditions. Harmonized Sales Tax (H.S.T.) is **not** to be included in the bid. The H.S.T. amount and the Bidder's **H.S.T. Registration Number** are to be indicated on the Bid Form in the spaces provided.

## **2.28. CHANGE NOTICES, CHANGE ORDERS**

The following fee percentage and overhead charges shall be applied to additional work ordered by the Board:

- For work carried out by the Contractor's own forces – 10% Overhead & Profit
- For work involving a subcontractor, the subcontractor may charge a maximum 10% fee. The General Contractor may charge a maximum of 5% in addition to subcontractor's fee.

## **2.29. PROJECT SPECIFIC REQUIREMENTS**

Any and all damages to facilities while under the control of the contractor shall be repaired at the contractor's cost. Please be advised that the Owner has a No Smoking Requirement on the Owners' property. Contractors shall provide their own washroom facilities for their employees; board washrooms will be off limits to the contractor's employees. Contractors are requested to ensure that employees and suppliers are advised of these Requirements.

## **2.30. SUBCONTRACTORS**

Unless otherwise stipulated in this Tender or any addenda thereto, the Bidder shall indicate the names and addresses of all nominated Sub-Contractors that it proposes to use in the provision of services and/or Work contemplated by this Tender.

The Board reserves the right to reject any Sub-Contractor so nominated, without penalty or liability to the Board of any kind whatsoever.

No change shall be made to the list of nominated Sub-Contractors after the closing time of the Tender, without the prior written approval of the Board, and only on such terms and conditions as the Board in the exercise of an absolute discretion may require.

Any Bidder requesting the Board's consideration of a change of Sub-Contractor shall be responsible for all costs of the Board to review, investigate and approve if acceptable such change, including but not limited to, all of the Board's internal staff costs and all legal, financial and Consultant costs.

Once final approval of Subcontractors is obtained, no change will be permitted by the Successful Bidder without prior written approval by the Board and Consultant

### **2.31. GENERAL TERMS AND CONDITIONS**

The issuance of this bid document shall not constitute an obligation on the part of the Board to any proponent who submits a bid.

The laws of the Province of Ontario shall govern any dispute occasioned as a result of the performance or non-performance and/or workmanship of a contract issued pursuant to the bid and any dispute arising out of the issuance of and response to this bid document.

All SCCDSB policies, procedures and regulations must be adhered to by the successful bidder(s).

Some of the Board sites are equipped with video surveillance cameras.

The successful proponent(s) is obliged to cooperate with all recycling and environmental procedures and initiatives established by government, the Board and each school.

The successful bidder(s)' employees and contracted staff shall not be considered SCCDSB employees and shall not represent themselves as an agent of the SCCDSB nor be eligible for any of the benefits provided to SCCDSB employees.

The SCCDSB reserves the right to demand the removal of any successful bidder's employees or contracted staff engaged in this contract if, in the SCCDSB's opinion, their conduct has been of an unacceptable nature.

The successful bidder(s) will be responsible for ensuring that regular supervision is maintained over all working personnel. It is the bidder's responsibility to ensure that all their activities are properly coordinated with the SCCDSB's operations and modify assignments as required.

This bid document is being issued pursuant to the SCCDSB's Purchasing Policies and Procedures.

The acceptance of the bid by the successful proponent(s) and the award of the contract contemplated by this bid document may be subject to approval of the Board of Trustees.

### **2.32. BONDING**

On bids exceeding \$100,000.00 (inclusive of all taxes) the following tender security / bonding is required and must accompany the bid:

- Agreement to Bond: 50% Performance and 50% Labour and Material
- Bid Bond: 10% of the bid price, payable to the St. Clair Catholic District School Board

If the bid amount is greater than \$100,000 and less than \$500,000 (inclusive of all taxes) the Surety or Bid Bond may be provided in the form of an irrevocable letter of credit, a certified cheque, or money order payable to the Board in the value of 10% of the bid amount.

Bonding must be provided in a digitally verifiable format. A scanned version of a paper bond is not acceptable and may deem the bid submission informal.

Only bond and agreements to bond issued by a licenced Canadian surety company authorized to do business in the Province of Ontario will be accepted. Upon request, the successful Bidder will be required to present the bonds to the Purchasing Department. Bonds must be issued as prescribed by the Construction Act regarding Broader Public Sector contracts. Failure to provide the proper surety to the Board upon award will result in rejection of that Bid. The cost of bonding shall be included in the Bid price, if applicable.

### **2.33. INSURANCE**

The successful Proponent(s) must maintain, at the Proponent's expense for the entire term of the Contract or as otherwise required, all insurance as set out below. It is recommended; however, not mandatory to submit proof of coverage as part of the bid submission. The low bidder and second low bidder will be contacted after the tender opening and will be required to submit proof of coverage to the Board within 5 business days.

- Comprehensive General Liability and Property Damage with a limit of not less than **\$2,000,000.00 (two million dollars)**.
- Motor Vehicle Public Liability and Property Insurance on all owned and rented equipment with a limit of not less than **\$1,000,000.00 (one million dollars)**.

The successful Proponent shall provide the Board with a complete certified copy of all policies. Copies of renewed policies must be provided to the Board on or before the policy renewal date for projects that extend past the original policy term or for multi-year contracts. The successful Proponent must name the St. Clair Catholic District School Board as additional insured on their insurance policies.

The Proponent agrees to indemnify, hold harmless, and defend the Board, its Consultants, agents or employees from and against any and all liability for loss, damage and expense, which the Board may suffer or for which the Board may be held liable by reason of injury (including death) or damage to any property arising out of negligence on the part of the proponent or any of its representatives, employees, or subcontractors in the execution of the work performed or by way of ownership or operation of an automobile.

### **2.34. WORKPLACE SAFETY INSURANCE BOARD (WSIB)**

Successful Proponent(s) must ensure that all workers are covered by the Workplace Safety and Insurance Board coverage for the duration of this contract. It is recommended; however, not mandatory to submit proof of coverage as part of the bid submission. The low bidder and second low bidder will be contacted after the tender opening and will be required to submit proof of coverage to the Board within 5 business days.

Proponents must furnish a Certificate of Clearance from the Workplace Safety and Insurance Board as evidence that all returns have been made and all necessary assessments have been paid as required, or levied, by the Workplace Safety and Insurance Board.

Alternatively, if the Proponent is an Independent Operator and is not classified under Class G: Construction, the proponent must provide a letter from the Work Place Safety & Insurance Board confirming independent operator status and identification number under the WSIB Act.

**2.35. PERMITS**

The Board will apply and pay for a building permit if applicable. The contractor is to obtain all other permits as required to complete the project, including but not limited to ESA, hot work permit etc.

**2.36. MEETINGS**

A Post Bid Meeting may be convened and chaired by the Board who will invite the Successful Proponent and his major Subcontractors to review the Contract Documents and Bid submitted. This meeting will be prior to the Board issuing a Letter of Intent or Contract. This meeting does not constitute or infer any contract award to the proposed contractor or any other contractor, nor that will the project proceed.

During the course of Work, scheduled progress meetings may be required at the call of the Project Leader.

**2.37. WARRANTY**

The vendor/contractor warrants that all goods/services, materials and equipment supplied under contract are free of all defects in manufacture and workmanship for a period of not less than 1 year from date of delivery, installation or performance (whichever is the later) whether or not any portion or trade has been sublet.

The vendor/contractor shall promptly remedy any defect or deficiency in any goods/services, materials and equipment supplied under contract to the satisfaction of the Board within seven (7) calendar days following notice to do so from the Board at no additional cost to the Board, unless otherwise specified.

In the event that the vendor/contractor doesn't not promptly honour the above warranties to the satisfaction of the Board, the Board may, at the sole cost of the vendor/contractor do whatever it deems necessary and advisable to remedy, rectify or replace the defective, deficient or non-compliant goods, services, materials or equipment. The Board shall inform the vendor/contractor in advance of the approximate cost of such work to be done by the Board.

All goods/services and/or equipment furnished or supplied pursuant to the contract shall be installed or attached in such a manner as to preserve all manufacturer's and vendor/contractor's warranties, which shall, together with all parts and components, become the property of the Board after the successful and satisfactory installation or attachment.

**2.38. GUARANTEE**

The vendor/contractor guarantees that all goods/services, materials and equipment supplied under contract are new manufacture. The products must not contain re-manufactured parts and/or accessories and must not have been used under contract with any other customer(s) unless specified by the Board. The submissions will be of the latest design and technology at the time of submission by the vendor.

The vendor/contractor represents and warrants that the goods and/or services supplied pursuant to this bid will be manufactured and/or supplied under such conditions that do not contravene the Ontario Human Right Code or the minimum standards of Ontario workplace legislation and regulations or are otherwise unethical. In the event in the opinion of the Board, the bidder is in breach of the foregoing representation and warranty, the Board may cancel the award or any such subsequent contract entered into between the Board and bidder pursuant thereto.

**2.39. SCHEDULE**

The Contractor will be required to perform the work in accordance with the Schedule dates provided in 2.9. Timing of Project. Ordering of major and long delivery items shall begin immediately upon successful bidder's receipt of contract award. The Contractor will provide a construction schedule within five (5) days of being awarded the project.

*Time is of the essence*. Bidders are to include adequate manpower, overtime and shift work necessary to meet or improve the schedule, and to make up any time lost to weather or normal delays. Include travel, room and board costs for out of town workers, shop overtime and other premiums to expedite material and equipment, shipping premiums and any incentive costs required to meet the schedule.

#### **2.40. CONTRACTED SERVICES PROGRAM**

Contractors performing work on Board property must complete the Contracted Services Program. The Contracted Services Program is a joint program with Lambton Kent District School Board. This program has three basic components that **must** be met before the bid is awarded. Contractors who cannot meet the minimum requirements of this program will not be awarded this tender. Program information can be found on the Board's web site at [www.st-clair.net](http://www.st-clair.net) or through the Board contact identified previously in this document. If the contractor has already been pre-qualified by LKDSB they must provide proof of completion. Identification badges can be used on SCCDSB or LKDSB property. All Insurance and WSIB certificates must be up to date under the Contracted Services Program.

#### **2.41. HEALTH and SAFETY**

The Occupational Health and Safety Act describes the responsibilities of an employer. The Board requires Contractors to maintain procedures, training, and enforcement so that the responsibilities are carried out in the workplace. The Contractor shall abide by and strictly adhere to the regulations and conditions set out and laid down by the most current versions of the Occupational Health and Safety Act. All staff employed or hired by the Contractor and working on the Board's premise **MUST** be trained in WHMIS in accordance with Occupational Health and Safety Act and Regulations. They **MUST** adhere to all of the Board's Health and Safety Procedures and Guidelines and to Municipal By-Laws.

Contractor will submit proof of its health and safety program, procedures and training as detailed above upon request by the Board.

The Contractor shall appoint a Competent Person as the Supervisor of this project. The Competent Person shall be as defined in Section 1 of the Occupational Health and Safety Act.

The successful Contractor shall conform to the Ontario "Occupational Health and Safety Act" and all regulations made under said act and assume full responsibility for contraventions of same.

All workplace injuries or accidents on Board property **MUST** be reported by the Contractor to the Board's representative within 24 hours.

Any workplace injury that is defined under the Occupational Health and Safety Act as a "Critical Injury" must be reported to the Board's representative **IMMEDIATELY**.

**COVID-19 SAFETY MEASURES: Contractors must observe and enforce all safety measures and standardized protocols as they pertain to construction site health and safety during the COVID-19 Pandemic. Prior to the commencement of work contractors are required to submit their Jobsite Measures to Protect Against COVID-19 with their health & safety program. Contractors should note that the following resources are available and should form part of their standards: Government of Ontario:**

<https://www.ontario.ca/page/construction-site-health-and-safety-during-covid-19>.  
Construction Association: <https://www.cca-acc.com/covid-19-resources/>.

Canadian

**2.42. ELECTRICAL AND SAFETY APPROVALS**

All electrical/electronic components supplied by the vendor/contractor must be CSA, ULC and/or Ontario Hydro/Ontario Electrical Safety Authority approved. Appropriate labels must be affixed to the equipment prior to delivery. The vendor/contractor is responsible for ensuring goods or services supplied to the Board must comply with the Occupational Health and Safety Act and Regulations of Industrial Establishments.

**2.43. DESIGNATED SUBSTANCES**

The contractor shall conduct work in recognition of the most current regulations related to Designated Substances. The contractor is required to review the site specific designated substances report to ascertain potential for exposure to designated materials and notify the board of instances where the scope of work under this contract will require remediation. If the report does not schedule designated materials in the attached report and should the contractor uncover material which is believed to be asbestos, work is to cease immediately and the Board staff are to be contacted immediately.

**2.44. SAFE SCHOOL PROCEDURES**

~~Contractor's staff is required to report to the main office of the site where work will be carried out during regular school hours and notify the school office staff of the purpose of the visit. The Contractor is required to adhere to all school specific procedures if applicable.~~

~~It is the responsibility of the Contractor's staff to sign in and sign out of the Log Book, which is located in the main office area, while performing their duties.~~

The following information must be recorded in a legible manner:

Date  
Company Name  
Employee Name  
Employee Signature  
Reason for Visit  
Time Entering Building  
Time Leaving Building

**2.45. HOISTING, SCAFFOLDS, ELEVATED WORK PLATFORMS**

The Contractor is responsible for all hoisting and other equipment necessary to facilitate their work if required.

**2.46. TEMPORARY POWER**

If the contractor requires temporary power for their activities, they are to make arrangements for their own connection to the local power and electricity provider services. The Contractor must provide the power connections and all extensions from the point to the job site. All electrical connections and extensions must meet ESA requirements.

**2.47. NOISE AND TRAFFIC CONTROL**



Bidders shall comply with all applicable **noise by-laws** (or local requirements governing same) and traffic routing that may be in effect during the life of the Project.

This **may** limit some activities to restricted time periods. Where the schedule requires for after hour work, the Contractor shall include all costs associated with obtaining the necessary permits to work such time periods.

The Contractor shall be responsible for all costs associated with providing a traffic officer as necessary to facilitate construction.

**2.48. SITE ACCESS AND EGRESS**

As this is a self-contained site; site access and egress is as identified in the documents. Should there be an alternate proposal the contractor must apply to and receive permission from the Board.

The Contractor shall make good any damage to roads, curbs, sidewalks, fencing, or grass damaged by vehicles or equipment during the course of construction.

**2.49. PARKING**

Contractors must park within the designated areas and allow for provisions to and from the designated parking area onto the job site.

**2.50. CONTRACTOR'S PERSONNEL**

The Contractor shall, at its own expense, provide all the personnel required to take a proactive role in managing the project as it relates to their work and its coordination with other trades. This will include but is not limited to the following:

- Competent supervision of the work of the Contract and coordination with the work of other Subcontractors. This includes being responsible for and properly supervising any subcontractors of this subcontractor.
- All layout work required to complete the work of the trade contract.
- Competent supervision of the work of the trade contract to ensure work is done in accordance with the OHSA and any other applicable regulations.
- Expediting the procurement of material and equipment to ensure delivery by their required dates.
- Submission of Requests for Information where required in a timely manner and wherever possible providing the Board with information to assist in the answering of these requests.
- Submission in a timely manner of all required shop drawings and samples and assistance to the Board required to obtain approvals to suit the schedule. All shop drawings are to be reviewed by the Contractor prior to submitting for approval.
- Attendance at all construction coordination meetings when requested by the Board.
- Provision of all necessary information requested by the Board for cost control and billing purposes.
- Inspection of the work of the Trade Contract for defects and deficiencies and cooperation with the Board and other inspection authorities to allow their inspections to take place.
- Submission of pricing for all changes to the work within five (5) working days after receipt of change documentation including the breakdown and backup necessary to allow checking and approval.

## **2.51. ACCESSIBILITY FOR ONTARIANS WITH DISABILITIES ACT**

The Purchaser is committed to the highest possible standards for accessibility. Proponent(s) must be capable to recommend and deliver, as appropriate for each Deliverable, accessible and inclusive Services consistent with the Ontario Human Rights Code (OHRC), the Ontarians with Disabilities Act, 2001 (ODA) and Accessibility for Ontarians with Disabilities Act, 2005 (AODA) and its regulations in order to achieve accessibility for Ontarians with disabilities.

In accordance with Ontario Regulation 429-07 made under the Accessibility for Ontarians with Disabilities Act, 2005 (Accessibility Standards for Customer Service), the Purchaser has established policies, practices and procedures governing the provision of its services to persons with disabilities.

Proponents are required to comply with the Purchaser's accessibility standards, policies, practices, and procedures, which may be in effect during the Term of the Agreement and which apply to the Deliverables to be provided by the Proponent.

## **2.52. CANADA'S ANTI-SPAM LEGISLATION**

Please note that vendors are required to comply with all applicable laws, including CASL, in providing goods or services to the Board. This also extends to communications sent on the Boards behalf. The successful proponent(s) will be required to indemnify the Board for any failure by the successful proponent(s) to comply with CASL, to the extent that the successful proponent(s) action, or inaction, could expose the Board to liability.

## **2.53. CONFIDENTIAL INFORMATION**

All correspondence, documentation, and information of any kind provided to any Proponent in connection with or arising out of this Request for Tender or the acceptance of any Bid:

- Remains the property of the Purchaser and shall be removed from the Purchaser's premises only with the prior written consent of the Purchaser.
- Must be treated as confidential and shall not be disclosed except with the prior written consent of the Purchaser.
- Must not be used for any purpose other than for replying to this RFT and for the fulfilment of any related subsequent agreement.
- Must be returned to the Purchaser upon request.

Except as provided otherwise in this request, or as may be required by Applicable Laws, the Purchaser shall treat the Proponents' Proposals and any information gathered in any related process as confidential, provided that such obligation shall not include any information that is or becomes generally available to the public other than as a result of disclosure by the Purchaser.

During any part of this Request for Tender process, the Purchaser or any of its representatives or agents shall be under no obligation to execute a confidentiality agreement.

All correspondence, documentation, and information provided in response to or because of this RFT may be reproduced for the purposes of evaluating the Proponent's Bid Submission.

If a portion of a Proponent's Bid Submission is to be held confidential, such provisions must be clearly identified in the Bid.

The Purchaser reserves the right to require any Proponent to enter into a non-disclosure and/or confidentiality agreement satisfactory to the Purchaser.

**2.54. CONFLICT OF INTEREST**

Proponents must declare all conflicts of interest or any situation that may reasonably be perceived as a conflict of interest in relation to the Project that exists now or may exist in the future. The Board, at its sole discretion, waives any and all actual, potential, or perceived conflicts of interest, on such terms and conditions and the Board, at its sole discretion, considers to be appropriately managed, mitigated, and minimized. In this regard the Board may require the Proponent to implement measures or take steps to manage or mitigate the impact of any actual, potential, or perceived conflict of interest.

**2.55. COMPETITION ACT**

Under Canadian Law, a Proponent's Bid Submission must be prepared without conspiracy, collusion, or fraud.

**2.56. MUNICIPAL FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY ACT**

The *Municipal Freedom of Information and Protection of Privacy Act* (Ontario) applies to information provided by Proponents. A Proponent should identify any information in its Quotation or any accompanying documentation supplied in confidence for which confidentiality is to be maintained by the Purchaser. The confidentiality of such information will be maintained by the Purchaser, except as otherwise required by law or by order of a court, tribunal, or the Ontario Privacy Commissioner.

By submitting a Bid, including any Personal Information requested in this RFT, Proponents agree to the use of such information for the evaluation process, for any audit of this procurement process, and for contract management purposes.

**2.57. PERSONAL INFORMATION PROTECTION AND ELECTRONIC DOCUMENTS ACT**

The Proponent represents and warrants that if the Proponent becomes subject to any private sector privacy legislation in responding hereto, or in carrying out its obligations under any subsequent agreement, the bidder will be solely responsible with such legislation. Without limitation, the Proponent represents and warrants that if the Proponent is subject to the *Personal Information Protection and Electronic Documents Act* (PIPEDA) the Proponent shall ensure compliance of all PIPEDA Protected Information that the Bidder:

- Collects directly from the individuals or indirectly from the Board or others;
- Uses or discloses in the course of responding hereto or in performing its obligations under and subsequent agreement; or
- Transfers or discloses to the Board

**2.58. TRADE AGREEMENTS**

Proponents should note that procurements within the scope of either Chapter 5 of the Canadian Free Trade Agreement, Chapter 19 of the Comprehensive Economic and Trade Agreement, within the scope of the Trade and Cooperation Agreement between Quebec and Ontario or any other applicable agreement not listed herein are subject to such agreements, although the rights and obligations of the parties shall be governed by the specific terms of this RFT.

**2.59. INTELLECTUAL PROPERTY**

Proponents shall not use any intellectual property of the Purchaser, including but not limited to logos, registered trademarks, or trade names of the Purchaser, at any time without the prior written approval of the Purchaser.

All Deliverables, documentation, services, and intellectual property rights of any kind derived from and/or developed pursuant to this Agreement shall remain the exclusive property of the Purchaser.

**2.60. WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM**

The Proponent should provide Workplace Hazardous Materials Information System (WHMIS) material safety data sheets (MSDS) for all Services. Additionally, the Proponent should provide the Purchaser's personnel WHMIS training, as it relates to the Services, in accordance with the Ontario Occupational Health and Safety Act.

**2.61. VENDOR PERFORMANCE**

Where the Contractor fails to comply with any of its obligations under the Contract, the Board may issue a notice setting out the manner and time-frame for rectification. Within seven (7) Business Days of receipt of that notice or in a timeframe as otherwise agreed to, the Contractor shall either: (a) comply with that rectification notice; or (b) provide a rectification plan satisfactory to the Board. If the Contractor fails to either comply with that rectification notice or provide a satisfactory rectification plan, the Board may immediately terminate the Contract. Where the Contractor has been given a prior rectification notice, the same subsequent type of non-compliance by the Contractor may allow the Board to immediately terminate the Contract and result in the suspension of bidding privileges to the Board for up to two years at the sole unfettered discretion of the Board.

**2.62. FORCE MAJEURE**

Force Majeure are causes beyond a party's control, which are not avoidable by the exercise of reasonable foresight. Neither party shall be responsible for any delay or failure to perform its obligations under this agreement by reason of force majeure. If either party is unable to perform any of its obligations in this contract by reason of force majeure, including flood, fire or other casualty, strike, order of a public authority, Act of God, or other cause beyond reasonable control of such party, then such party shall be excused from such performance of the contract for the duration of such cause.

If a force majeure event occurs which delays or threatens to delay performance of its obligations by a party, the party shall give prompt notice to the other party and shall take all reasonable steps to eliminate the cause or reduce the potential disruption and consequent losses.

In the event such inability to perform shall continue longer than 30 days, the Board may terminate the agreement without further liability or cost of any kind by giving written notice to the other party.

**2.63. TERMINATION OF CONTRACT**

Either party may terminate the Agreement on written notice to the other where such other party neglects or fails to perform or observe any material term or obligation of the Agreement and such failure has not been cured within 30 Days of written notice being provided.

If the Proponent fails to execute the work properly or otherwise fails to comply with the requirements of the contract to a substantial degree, the Board may correct such default and deduct the cost thereof from any payment then or thereafter due to the contractor.

The Board shall be entitled to terminate the Agreement immediately, without liability, cost, or penalty on written notice to the Proponent:

- if any proceeding in bankruptcy, receivership, liquidation, or insolvency is commenced against the Proponent or its property;

- if the Proponent makes an assignment for the benefit of its creditors, becomes insolvent, commits an act of bankruptcy, ceases to carry on its business or affairs as a going concern, files a notice of intention or a proposal, or seeks any arrangement or compromise with its creditors under any statute or otherwise;
- following the occurrence of any material change in the Board's requirements which results from a regulatory or funding changes, or recommendations issued by a Governmental Authority;
- in the event of a breach of the representation regarding conflict of interest;
- in the event of a misrepresentation or material breach;
- if the proponent uses, destroys, exploits, or discloses any Board Confidential Information to any Personal Information contrary to this Agreement; and
- in accordance with any provision of the Agreement that provides for early termination;

The Board reserves the right to terminate the Agreement, without cause, upon sixty (60) days' prior written notice to the Proponent.

The Board shall be liable to the Vendor only for the payment of Deliverable(s) supplied and accepted up to the date of termination.

The Board, at its sole and unfettered discretion, may extend the timelines for termination if it is deemed to be in the Board's best interest to do so.

Any termination of the Agreement shall not in any respect limit any of either party's rights or remedies either in law or in equity or relieve either party of any obligation incurred prior to the effective date of such termination.

[End of Part 2]

## **APPENDIX A: Bidder's Response Guide**

Each bid submission should be structured using only the criteria identified in this bid document.

1. A completed copy of APPENDIX B: Bid Form **must** be included in your bid submission.
2. Proof of WSIB Coverage and Proof of Insurance **must** be provided upon request. It is recommended that proponents submit as part of their Bid Submission.
3. Bonding **must** be included in your bid submission in a digitally verified format.
4. Supplemental material will not qualify as substitutes for direct responses to the bid's requirements, except for specifically requested material.
5. The successful contractor must be prequalified under the contracted services program before an award is made.
6. Bids must be submitted to [purchasing@st-clair.net](mailto:purchasing@st-clair.net).

**APPENDIX B: Bid Form**

Submitted By: \_\_\_\_\_

To:

St. Clair Catholic District School Board  
612-CP2108 Rear Yard Site Improvements  
Christ the King Catholic School, Wallaceburg

**B1. Base Bid Price**

The Drawings, Specifications and other Contract Documents for this Project have been examined, as well as the premises and job site conditions affecting the work. The undersigned hereby offers to complete the work in accordance with the Contract Documents for the following bid price, except as defined below for HST:

\_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

in Canadian funds EXCLUDING HST. HST will be added to the bid price.

In submitting this Bid, the undersigned recognizes and accepts the right of the Owner to accept any Bid, which is deemed the most advantageous to the Owner, (or any part thereof), at the price submitted, or to reject any or all Bids. Acceptance of the Bid and/or award of the contract is subject to the approval of the Board.

In the event that a discrepancy arises between the written bid price and the associated numerical price, the written bid price will be deemed to be correct.

**B2. Harmonized Sales Tax (HST)**

The bidder shall not include the applicable HST in the bid price. The successful contractor will indicate on each application for payment as a separate amount the appropriate HST the Owner is obliged to pay.

HST Registration # \_\_\_\_\_

**B3. Cash Allowances**

1. Include a Stipulated Sum of \$20,000.00 Dollars (\$20,000.00) to cover items from which the Consultant shall direct payment for services, labour, and material.

- a. Provisional Cash Allowance
2. Include a Stipulated Sum of \$10,000.00 Dollars (\$10,000.00) to cover costs associated inspection and testing services as directed by the consultants to be completed by Owner's Vendor.

Time and Materials rates to be applied against Cash Allowance work. Final reconciliation will adjust the cash allowance as credit to the SCCDSB for unexpended amounts and extra to the contractor for over expenditure. The contractor shall mark-up sub-trade time and materials billing for this portion of work at 10% only.

**B4. Itemized Prices – None at this Time**

The following prices have been included in the Base Bid amount. The following prices, if accepted by the owner, shall include all labour, material, tools, equipment, overhead and profit, but exclude H.S.T. No other cost consideration shall be added to the contract for the scope of this work if accepted by the owner. The owner retains the right to cancel any or all of the sites for any reason.

Itemized Price #1: None at this time.

**B5. Alternate Prices – None at this Time.**

It is accepted that the intent of alternate prices is to allow the Owner to select an alternative scope of work at a price which is declared below, and solely at the owner's discretion. All prices submitted take into consideration and allow for changes and adjustments in other work as may be necessary to provide a finished functional result, unless specifically indicated otherwise.

The following alternate prices are for work which is not included in the stipulated bid price listed on the bid form but which may be substituted by the Owner for work which is included (no price listed shall mean no change in cost) and the Owner has the right to accept or reject any or all of the prices quoted. The following prices, if accepted by the owner, shall include all labour, material, tools, equipment, overhead and profit, but exclude H.S.T. No other cost consideration shall be added to the contract for the scope of this work if accepted by the owner.

Alternate Price #1: None at this time.

**B6. Separate Prices**

It is accepted that the intent of separate prices is to allow the Owner to select a separate scope of work at a price which is declared below, and solely at the owner's discretion.

The following price has not been included in the Base Bid amount. The following prices, if accepted by the owner, shall include all labour, material, tools, equipment, overhead and profit, but exclude H.S.T. No other cost consideration shall be added to the contract for the scope of this work if accepted by the owner.



**Separate Price #1: To provide a Black Vinyl Chain Link Fence assembly.**

Extra/Credit (strike out the unnecessary word) \$ \_\_\_\_\_

**B7. List of Subcontractors**

Civil work Contractor \_\_\_\_\_

Landscape/ Arborist Contractor \_\_\_\_\_

Seeding Contractor \_\_\_\_\_

Fencing Contractor \_\_\_\_\_

**B8. Project Superintendent / Supervisor**

The Owner requires the General Contractor provide a full time site supervisor for the duration of the project. A minimum of 5 years supervisory experience is required. List proposed personnel and their experience in the table below. Supervisory experience with firms other than the Bidder is acceptable to include on the list. The General Contractor shall indicate the person chosen in writing to the Owner within 5 days of contract award.

Name	Firm/Position	Qualifications/ Experience

**B9. Conflict of Interest**

I /We confirm that: (please check one)

\_\_\_\_\_ There is not nor was there any actual or perceived Conflict of Interest or any other type of unfair advantage in our submitting this Proposal or performing or observing the contractual obligations of the Contractor in the Agreement.

OR

\_\_\_\_\_ Complete with this bid submission is a declaration on company letterhead of situations which may be a Conflict of Interest or an instance of unfair advantage or appears as potentially a Conflict of Interest or unfair advantage in our company submitting this Proposal or the contractual obligations of the Contractor under the Agreement.

*Please note that the Board has the right to waive an actual or perceived conflict of interest as described in section 2.54 CONFLICT OF INTEREST.*

**B10. Agreement of Terms**

I/We hereby acknowledge and agree that I/we have read, accepted, and completed all Contract Terms and Conditions and Appendices.

I/We declare that the bid is made without and connection, knowledge, comparison or figures or arrangements with any other Bidder or firms submitting a bid for the same work and is in all respects fair and without collusion or fraud.

I/We agree to Abide by the Established Process as outlined in section 2.4.

I/We understand it is the SCCDSB's intention that this RFT and the successful proponent(s)'s returned RFT submission will form the basis of the proposed contract. All of the terms and conditions of this RFT must be accepted by the proponent(s) and incorporated into the proponent(s) RFT submission. It is the SCCDSB's intention to use a CCDC2-2008 Stipulated Price Contract when establishing a contract with the successful proponent(s).

The undersigned acknowledges receipt of Addenda Numbers \_\_\_\_\_ through \_\_\_\_\_ inclusive, and that the price, or adjustment thereof, for all work required therein is included in this submission.

**This page must be signed below and returned with your submission for your bid to be accepted.**

I/We the undersigned are duly authorized to execute this Bid Submission on behalf of:

Company:

\_\_\_\_\_

Address:

\_\_\_\_\_

Name:

\_\_\_\_\_

Title:

\_\_\_\_\_

Signature:

Date:

\_\_\_\_\_

Phone:

Fax:

\_\_\_\_\_

Email:

\_\_\_\_\_

*Please refer to Appendix A: Bidder's Response Guide to ensure you include all necessary documentation with your bid submission*

## **APPENDIX C: Scope of Work and Specifications**

The complete scope of work is provided on the following drawings:

A010 – Demolition Site Plan, New Work Site Plan and Typical Fence Details

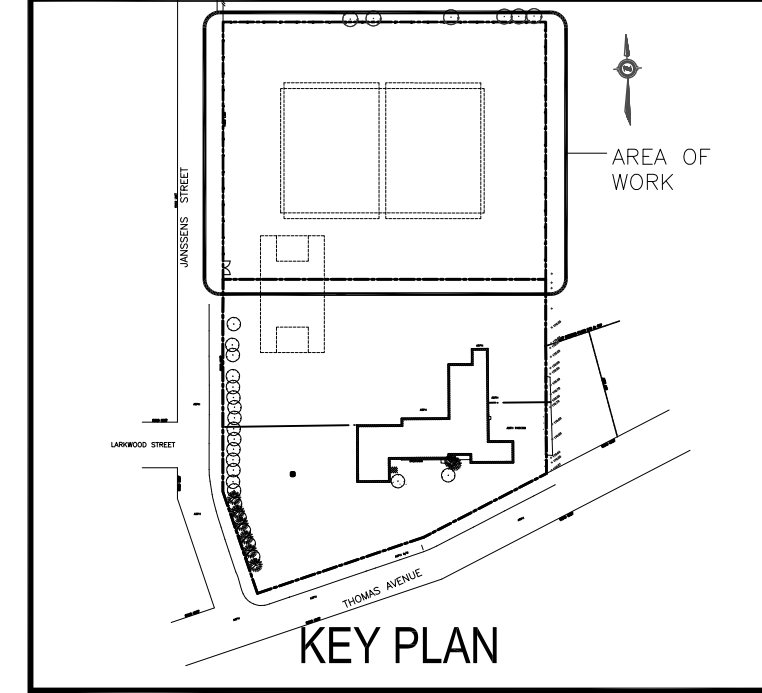
A011 – Specifications

SE1 – Existing Conditions and Site Preparation Plan

SE2 – Site Servicing Plan

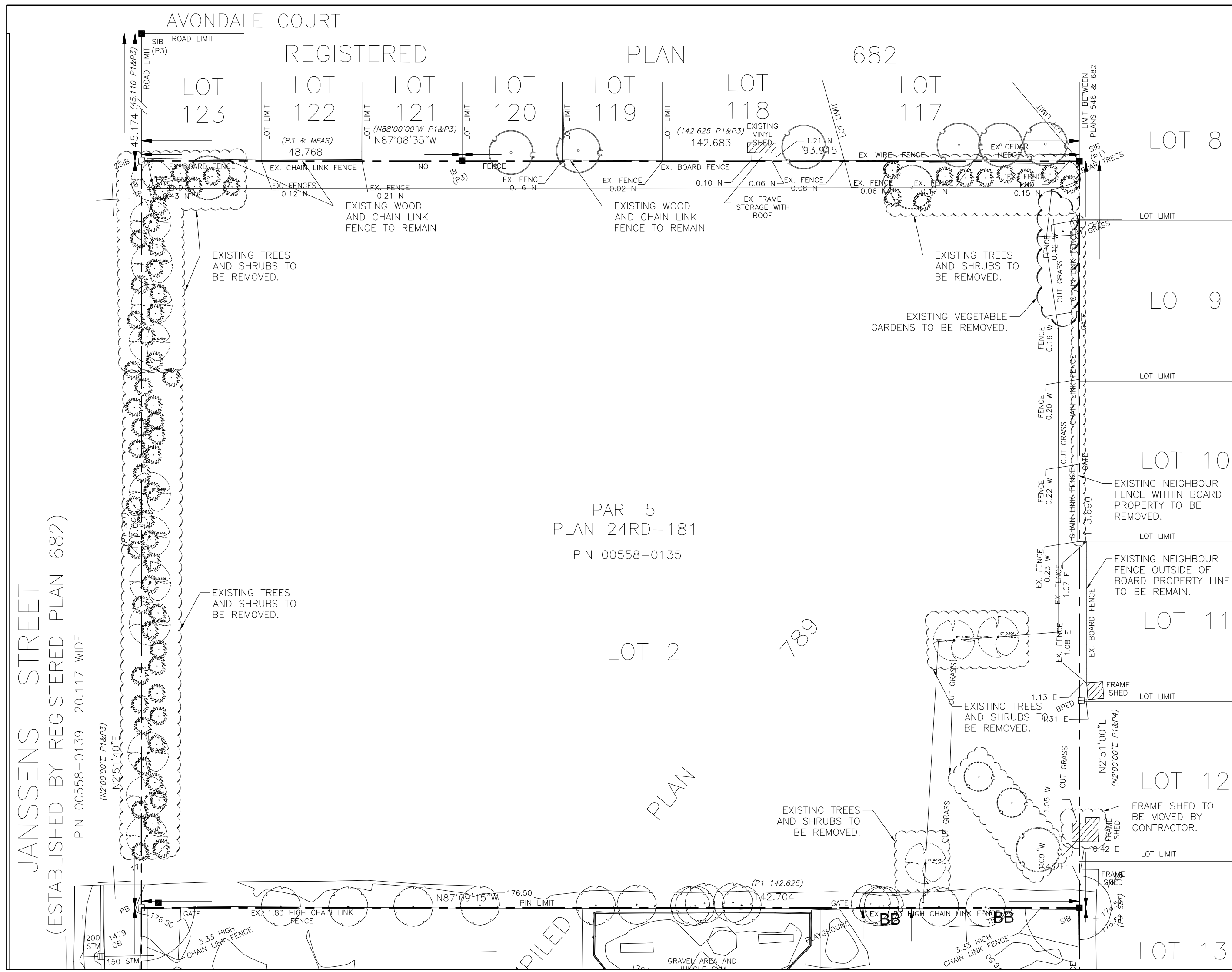
SE3 – Site Grading Plan

SE4 – Notes and Details

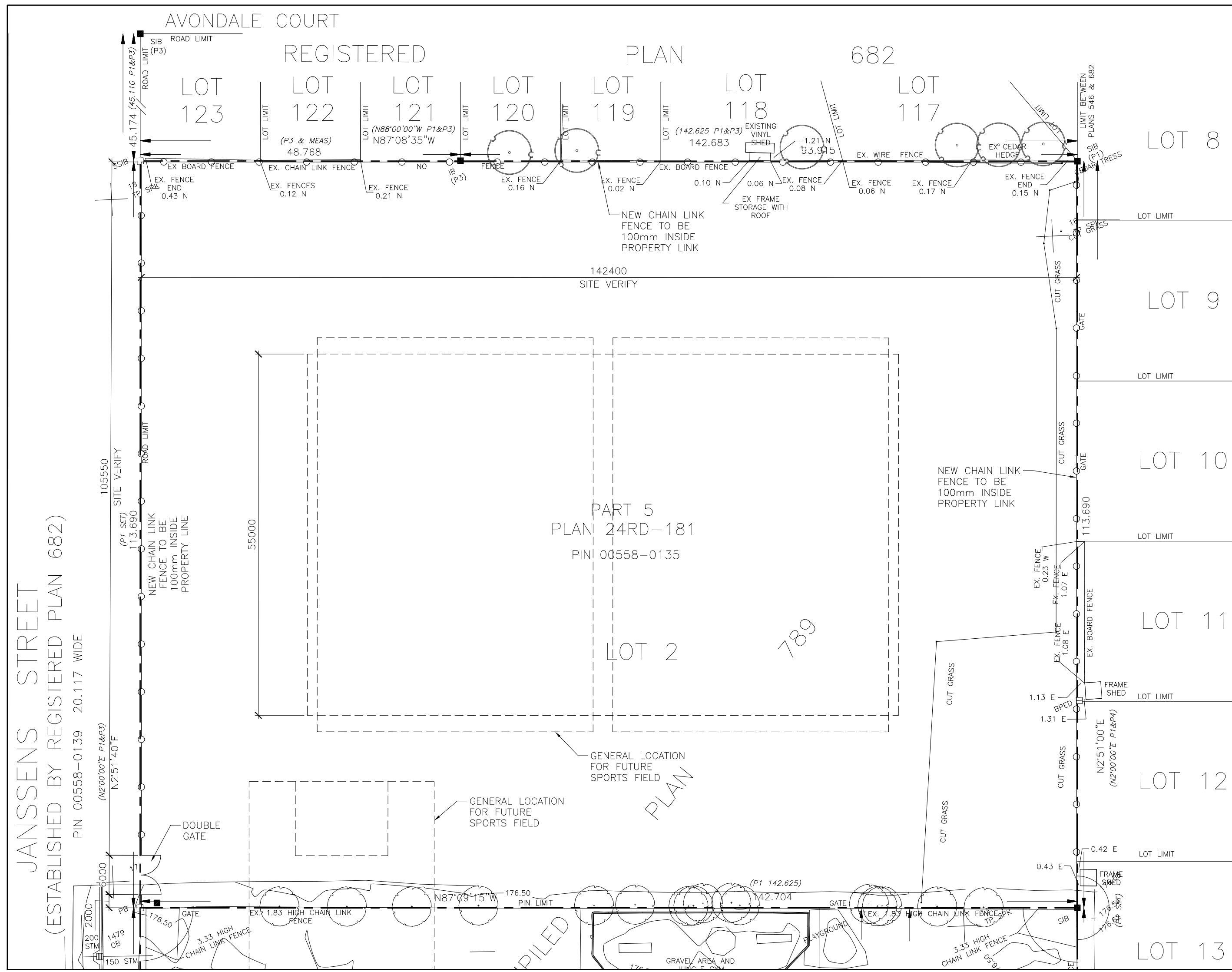


- NOTES**
- DEMOLITION NOTES:
- REFER TO SECTION 31.11.00 CLEARING AND GRUBBING. REMOVE ALL VEGETATION, TREES, SCRUB, AND DEBRIS INCLUDING ALL BELOW SURFACE ROOT BALL AND ROOT TANGLES.
  - REMOVE EXISTING CHAIN LINK FENCE INCLUDING ANY BELOW SURFACE CONCRETE ANCHORS.
  - REMOVE ANY AND ALL DEBRIS INCLUDING WOOD FENCING, PLANTING BOXES AND ANY OTHER CONSTRUCTED ITEMS THAT ARE WITHIN THE BOARD PROPERTY LINES.
  - REMOVE ANY AND ALL DISPOSED RUBBISH, TIRES, METAL, CONCRETE, AND REFUSE FROM WITHIN PROPERTY BOUNDARY.

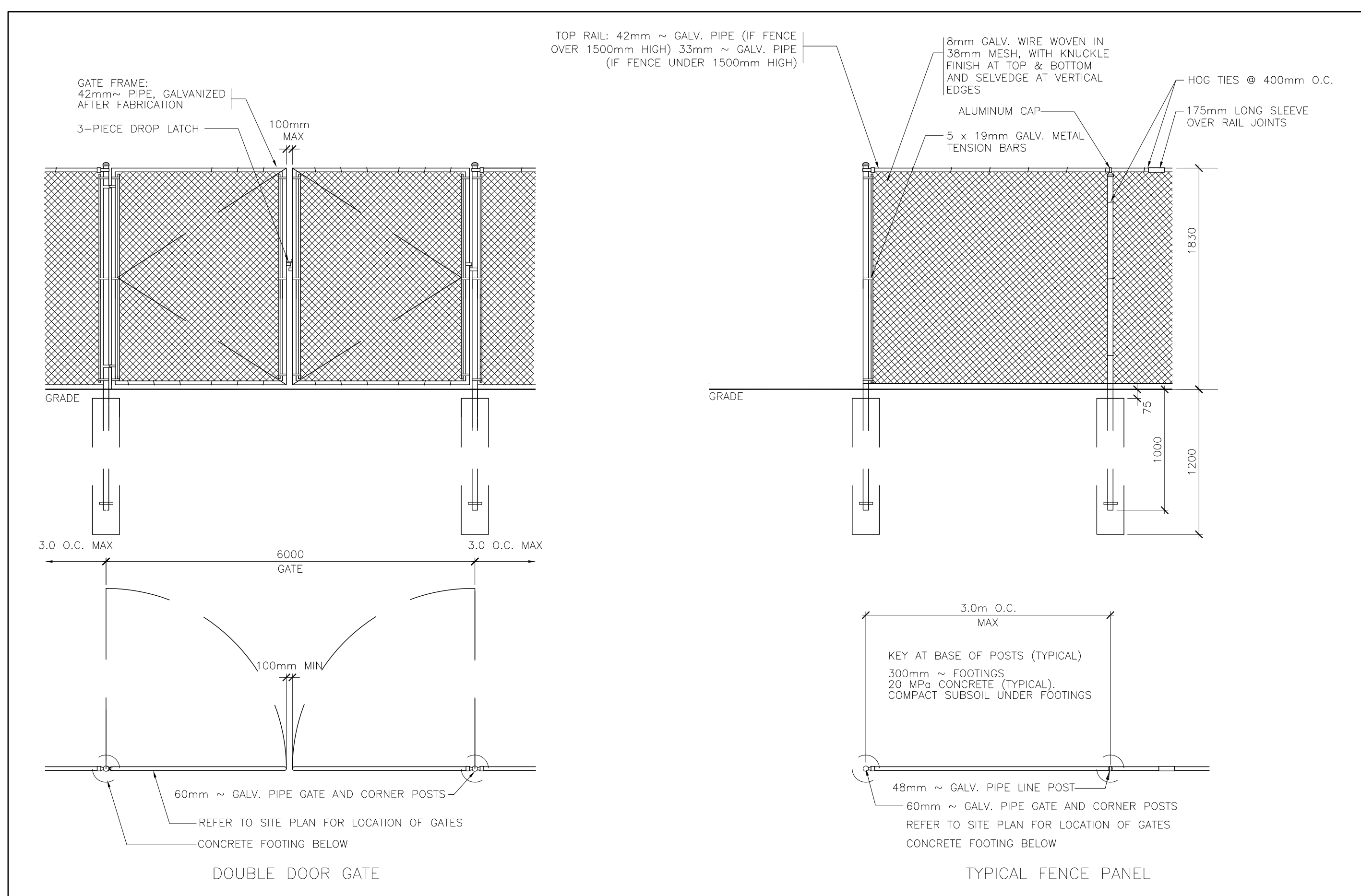
**LEGEND**



**1 DEMOLITION SITE PLAN**  
SCALE = 1:500

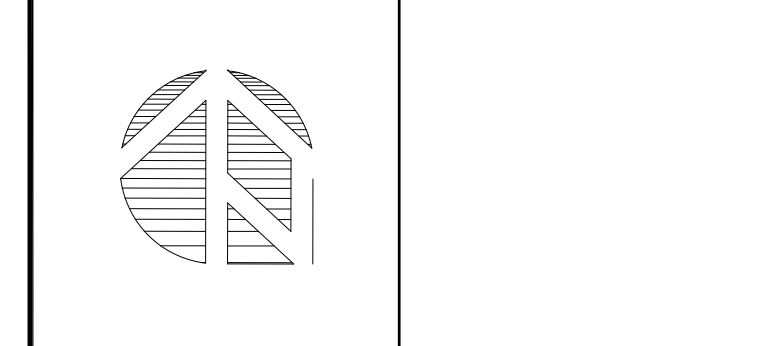


**2 NEW WORK SITE PLAN**  
SCALE = 1:500



**3 TYPICAL FENCE DETAILS**  
SCALE = 1:30

08/20/2020	ISSUED FOR TENDER	1
DATE	DESCRIPTION	No.



PROJECT TITLE:  
**CHRIST THE KING CATHOLIC SCHOOL SITE IMPROVEMENTS**

DRAWING TITLE:  
**DEMOLITION SITE PLAN  
NEW WORK SITE PLAN  
TYPICAL FENCE DETAILS**

DATE PLOTTED: 18/08/2020	DRAWN: TJV	DRAWING No. <b>A010</b>
SCALE: 1:500	CHECKED: RW	
PROJECT No. 1827		

Z:\SCHEMATA\2020 - CHRIST THE KING PH 1 SITE IMPROVEMENTS\CONSTRUCTION DOCUMENTS\4.2 DRAWINGS\WORK FIELD EARLY WORKING.DWG

- .1 GENERAL REQUIREMENTS
  - .1 THE GENERAL CONDITIONS OF CCDC 2 AS SUPPLEMENTED IN THE GENERAL REQUIREMENTS OF DIVISION 1, FORM PART OF THIS SECTION, AND MUST BE READ IN CONJUNCTION WITH THE REQUIREMENTS OF THIS SECTION, AND ALL RELATED SECTIONS.
- .2 SECTION INCLUDES
  - .1 PROVISION OF ALL LABOUR, MATERIALS AND EQUIPMENT AND INCIDENTAL SERVICES NECESSARY TO PROVIDE GRASS SEEDING.
- .3 RELATED SECTIONS
  - .1 SECTION 31 22 19 TOPSOIL AND FINISH GRADING
- .4 DEFINITIONS
  - .1 CLEARING: THE CUTTING, PILING AND REMOVAL OR OTHERWISE DISPOSING OF TREES, BRUSH, VEGETATIVE GROWTH AND LOGS ABOVE THE GROUND SURFACE.
  - .2 GRUBBING: THE REMOVAL OR OTHERWISE DISPOSING OF ALL OBJECTIONABLE MATERIAL BELOW THE GROUND SURFACE INCLUDING ROOTS, BRUSH, STUMPS, AND BURIED DEBRIS.
- .5 REGULATORY REQUIREMENTS
  - .1 THE CONSTRUCTOR RESPONSIBLE FOR THIS SCOPE OF WORK IS ENTIRELY RESPONSIBLE FOR ALL HEALTH AND SAFETY REQUIREMENTS IN EFFECT AT THE TIME THIS SCOPE OF WORK IS EXECUTED INCLUDING AND ALL SUBSEQUENT DIRECTIVES AND ORDERS.
  - .2 THE CONSTRUCTOR RESPONSIBLE FOR THIS SCOPE OF WORK IS RESPONSIBLE TO MAKE ALL PARTIES TO THIS WORK AWARE OF THE REQUIREMENTS OF THIS SECTION AND RELATED SUPPLEMENTARY REQUIREMENTS.
  - .3 REFER TO AND COMPLY WITH BID DOCUMENTS: RFT PROCESS, TERMS AND CONDITIONS.
  - .4 CANADA LABOUR CODE, CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS.
  - .5 CANADIAN STANDARDS ASSOCIATION (CSA)
  - .6 THE OCCUPATIONAL HEALTH AND SAFETY ACT (ONT. REG. 213/91 OR LATEST EDITION), THE ONTARIO CONSTRUCTION SAFETY ACT, THE REGULATIONS OF THE ONTARIO MINISTRY OF LABOUR AND ONTARIO HYDRO SAFETY REQUIREMENTS SHALL BE STRICTLY ENFORCED. THE OCCUPATIONAL HEALTH & SAFETY (OHS) LEGISLATION TRACKER FROM WORKPLACE SAFETY & PREVENTION SERVICES (WSPS) SERVICES SHOULD BE ACCESSED TO CONFIRM CURRENT REGULATORY REQUIREMENTS.
- .6 PROTECTION
  - .1 PREVENT DAMAGE TO FENCING, TREES, LANDSCAPING, NATURAL FEATURES, BENCH MARKS, EXISTING BUILDINGS, UTILITY LINES, SITE APPURTENANCES, WATER COURSES AND ROOT SYSTEMS OF TREES WHICH ARE TO REMAIN. ALL DAMAGE INCURRED SHALL BE REPAIRED AT THE CONTRACTOR'S SOLE EXPENSE.
  - .2 APPLY APPROVED TREE PAINT TO CUTS OR SCARS SUFFERED BY VEGETATION DESIGNATED TO REMAIN.

PART 2 PRODUCTS – NOT APPLICABLE

PART 3 EXECUTION

- .1 EXAMINATION
  - .1 PRIOR TO COMMENCING THE WORK OF THIS SECTION, CAREFULLY INSPECT INSTALLED WORK OF OTHER TRADES AND VERIFY THAT SUCH WORK IS COMPLETE TO THE POINT WHERE WORK OF THIS SECTION MAY PROPERLY COMMENCE. PROVIDE NOTICE IN WRITING TO THE CONSULTANT AND CONTRACTOR OF CONDITIONS DETRIMENTAL TO THE PROPER AND TIMELY COMPLETION OF THE WORK OF THIS SECTION.
  - .2 DO NOT COMMENCE WORK UNTIL ALL UNSATISFACTORY CONDITIONS ARE RESOLVED. BEGINNING WORK OF THIS SECTION CONSTITUTES ACCEPTANCE OF SITE CONDITIONS AND RESPONSIBILITY FOR DEFECTIVE INSTALLATION CAUSED BY PRIOR OBSERVABLE CONDITIONS.
  - .3 UNDERTAKE CLEARING AND GRUBBING WITHIN THE LIMITS AS INDICATED ON THE DRAWINGS OR AS REQUIRED BY THE CONSULTANT.
- .2 EXECUTION
  - .1 COMMENCE ALL TREE CUTTING AND BRUSH REMOVAL IN ACCORDANCE WITH GOOD STANDARD PRACTICE.
  - .2 ALL CLEARED AND GRUBBED MATERIALS AND OTHER DEBRIS SHALL BE REMOVED FROM THE DESIGNATED WORK AREAS AND SHALL BE DISPOSED OF IN A MANNER SATISFACTORY TO THE CONSULTANT, AND SHALL BE DISPOSED OF AS SOON AS POSSIBLE AFTER THE INITIAL REMOVAL. IN NO CASE SHALL MATERIAL BE LEFT TO INTERFERE WITH ONGOING TREE CUTTING, GRUBBING AND GRADING OPERATIONS.
  - .3 THE BURNING OF ANY MATERIAL IS STRICTLY PROHIBITED.
  - .4 WHERE THE CONTRACTOR FAILS TO OBSERVE CLEARING AND GRUBBING RESTRICTIONS AND LIMITATIONS WHICH RESULT IN DAMAGE TO PROPERTY BEYOND AREAS AS INDICATED ON THE DRAWINGS OR AS INDICATED BY THE CONSULTANT, SUCH DAMAGES SHALL BE THE CONTRACTOR'S LIABILITY AND SHALL BE CORRECTED IMMEDIATELY AT THE CONTRACTOR'S SOLE EXPENSE.
  - .5 LEAVE THE GROUND SURFACE IN A STABLE AND REASONABLY LEVEL CONDITION SUITABLE FOR IMMEDIATE TOPSOIL STRIPPING AND GRADING OPERATIONS.
- .3 ACCEPTANCE
  - .1 CLEARED AREAS WILL BE ACCEPTED BY THE CONSULTANT PROVIDED THAT:
    - .1 AREAS ARE UNIFORMLY CLEAR OF ANY AND ALL VEGETATIVE DEBRIS.
    - .2 AREAS ARE STABLE, REASONABLY LEVEL AND SAFE FOR CONTINUING OPERATIONS.
    - .3 ALL AREAS ADJACENT TO THE SITE HAVE BEEN CLEARED AND CLEANED OF ANY VEGETATIVE DEBRIS LEFT THROUGH THE SCOPE OF WORK FOR THIS SECTION.

END OF SECTION

PART 1 GENERAL

- .1 GENERAL REQUIREMENTS
  - .1 THE GENERAL CONDITIONS OF CCDC 2–2008, STIPULATED PRICE CONTRACT AS SUPPLEMENTED IN SECTION 00 73 00, AND THE GENERAL REQUIREMENTS OF DIVISION 1, FORM PART OF THIS SECTION, AND MUST BE READ IN CONJUNCTION WITH THE REQUIREMENTS OF THIS SECTION, AND ALL RELATED SECTIONS.
  - .2 THE WORK OF THIS SECTION, AND RELATED WORK SPECIFIED IN OTHER SECTIONS SHALL COMPLY WITH ALL REQUIREMENTS OF DIVISION 1 – GENERAL REQUIREMENTS.
- .2 SECTION INCLUDES
  - .1 PROVISION OF ALL LABOUR, MATERIALS, EQUIPMENT AND INCIDENTAL SERVICES NECESSARY TO PROVIDE ALL SOIL AREAS AT GROUND LEVEL.
  - .2 RE–USE EXISTING STOCKPILED TOPSOIL AND FILL MATERIAL LOCATED ON SITE TO THE GREATEST EXTENT POSSIBLE PROVIDED IT MEETS SPECIFIED REQUIREMENTS. FOR USE IN SEEDED AND/OR PLANTING AREAS.
- .3 RELATED SECTIONS
  - .1 SECTION 31 23 00 EXCAVATION AND BACKFILL
  - .2 SECTION 32 92 19 SEEDING
- .4 REFERENCE STANDARDS
  - .1 CANADIAN COUNCIL OF MINISTERS OF THE ENVIRONMENT (CCME):
    - .1 CCME PN 1340–05: GUIDELINES FOR COMPOST QUALITY.

PART 2 – PRODUCTS

.1 MATERIALS

- .1 EXISTING SOIL FOR RE–USE OR IMPORTED TOPSOIL: SCREENED, MIXTURE OF MINERAL PARTICULATES, MICRO–ORGANISMS AND ORGANIC MATTER WHICH PROVIDES SUITABLE MEDIUM FOR SUPPORTING INTENDED PLANT GROWTH.
  - .1 SOIL TEXTURE BASED ON THE CANADIAN SYSTEM OF SOIL CLASSIFICATION, TO CONSIST OF 40–60% SAND, 20–40% SILT, AND CONTAIN 2–10% ORGANIC MATTER BY WEIGHT.
  - .2 FERTILITY: MAJOR SOIL NUTRIENTS PRESENT IN FOLLOWING RATIOS:
    - .1 PHOSPHORUS (P): 10 TO 20 MICROGRAMS OF PHOSPHATE PER GRAM OF TOPSOIL.
    - .2 NITROGEN (N): 20 TO 40 MICROGRAMS OF AVAILABLE N PER GRAM OF TOPSOIL.
    - .3 POTASSIUM (K): 80 TO 120 MICROGRAMS OF POTASH PER GRAM OF TOPSOIL.
  - .3 CONTAIN NO TOXIC ELEMENTS OR GROWTH INHIBITING MATERIALS.
  - .4 FREE FROM DEBRIS AND STONES OVER 38MM (1 1/2") DIAMETER; COARSE VEGETATIVE MATERIAL, 10MM (3/8") DIAMETER AND 102MM (4") LENGTH, OCCUPYING MORE THAN 2% OF SOIL VOLUME.
  - .5 CONSISTENCY: FRIABLE WHEN MOIST.
- .2 PLANTING SOIL MIX FOR PLANTING OF TREES, SHRUBS AND PERENNIALS FOR AREAS OUTLINED IN DRAWINGS: MIX 9 PARTS IMPORTED TOPSOIL (PER 2.1.1 ABOVE) WITH 2 PARTS COMPOST. INCORPORATE BONEMEAL INTO PLANTING SOIL AT RATE OF 3 KG/M3/ (5LB/YD3/) OF PLANTING SOIL MIXTURE.
  - .1 SHALL HAVE MINIMUM 5% ORGANIC MATTER BY WEIGHT.
  - .3 COMPOST: A MIXTURE OF SOIL AND DECOMPOSING ORGANIC MATTER USED AS A FERTILIZER, MULCH, OR SOIL CONDITIONER. COMPOST IS PROCESSED ORGANIC MATTER CONTAINING 40% OR MORE ORGANIC MATTER AS DETERMINED BY THE WALKLEY-BLACK OR LOI TEST. PRODUCT MUST BE SUFFICIENTLY DECOMPOSED (I.E. STABLE) SO THAT ANY FURTHER DECOMPOSITION DOES NOT ADVERSELY AFFECT PLANT GROWTH (C:N RATIO BELOW 25), AND CONTAIN NO TOXIC OR GROWTH INHIBITING CONTAMINANTS. COMPOSTED BIO-SOLIDS MUST MEET THE REQUIREMENTS OF CCME PN 1340, CATEGORY A.
  - .4 PEAT MOSS:
    - .1 DERIVED FROM PARTIALLY DECOMPOSED FIBROUS OR CELLULAR STEMS AND LEAVES OF SPECIES OF SHAGNUM MOSSES.
    - .2 ELASTIC AND HOMOGENOUS, BROWN IN COLOUR.
    - .3 FREE OF WOOD AND DELETERIOUS MATERIAL WHICH COULD INHIBIT GROWTH.
    - .4 SHREDDED MINIMUM PARTICLE SIZE: 5 MM (1/4").
  - .5 FERTILIZER:
    - .1 COMPLETE COMMERCIAL SYNTHETIC FERTILIZER WITH MINIMUM 65% INSOLUBLE NITROGEN.
    - .2 FORMULATION RATIO: MINIMUM 1:4:4 OR AS REQUIRED PER SOILS TEST.
  - .6 LIMESTONE:
    - .1 GROUND AGRICULTURAL LIMESTONE CONTAINING MINIMUM CALCIUM CARBONATE EQUIVALENT OF 85%.
    - .2 GRADATION REQUIREMENTS: PERCENTAGE PASSING BY WEIGHT, 90% PASSING 1.0MM SIEVE, 50% PASSING 0.125MM SIEVE.
- .2 SOURCE QUALITY CONTROL
  - .1 SUBMIT SAMPLES OF IMPORTED TOPSOIL FOR TESTING BY OWNER'S TESTING AND INSPECTION AGENCY.
  - .2 TESTING AND INSPECTION SHALL BE PAID FROM A CASH ALLOWANCE IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE BID DOCUMENTS.
  - .3 TESTING WILL DETERMINE SUITABILITY FOR TREE, SHRUB AND TURFCROSS GROWTH, BASIC FERTILIZER REQUIREMENTS, PERCENTAGE OF ORGANIC MATTER, EVIDENCE OF TOXIC OR OTHER DELETERIOUS SUBSTANCES THAT WOULD AFFECT PLANT GROWTH. TEST RESULTS WILL BE SUBMITTED TO CONSULTANT FOR FINAL ACCEPTANCE.

PART 3– EXECUTION

.1 EXAMINATION

- .1 PRIOR TO COMMENCING THE WORK OF THIS SECTION, CAREFULLY INSPECT INSTALLED WORK OF OTHER TRADES AND VERIFY THAT SUCH WORK IS COMPLETE TO THE POINT WHERE WORK OF THIS SECTION MAY PROPERLY COMMENCE. PROVIDE NOTICE IN WRITING TO THE CONSULTANT AND CONTRACTOR OF CONDITIONS DETRIMENTAL TO THE PROPER AND TIMELY COMPLETION OF THE WORK OF THIS SECTION.
- .2 DO NOT BEGIN INSTALLATION UNTIL ALL UNSATISFACTORY CONDITIONS ARE RESOLVED. BEGINNING WORK OF THIS SECTION CONSTITUTES ACCEPTANCE OF SITE CONDITIONS AND RESPONSIBILITY FOR DEFECTIVE INSTALLATION CAUSED BY PRIOR OBSERVABLE CONDITIONS.
- .2 PREPARATION OF SUBGRADE
  - .1 THE PORTIONS OF THE SITE AFFECTED BY THE WORK OF THE CONTRACT WILL BE PRE–GRADED TO THE APPROVAL OF THE CONSULTANT.
  - .2 VERIFY THAT GRADES ARE CORRECT. IF DISCREPANCIES OCCUR, NOTIFY CONSULTANT AND DO NOT COMMENCE WORK UNTIL FURTHER INSTRUCTED.
  - .3 GRADE SOIL, ELIMINATING UNEVEN AREAS AND LOW SPOTS, ENSURING POSITIVE DRAINAGE.
  - .4 REMOVE AND DISPOSE OF OFF–SITE THE FOLLOWING:
    - .1 DEBRIS, ROOTS, BRANCHES, STONES IN EXCESS OF 51MM (2") DIAMETER AND OTHER DELETERIOUS MATERIALS.
    - .2 SOIL CONTAMINATED WITH CALCIUM CHLORIDE, TOXIC MATERIALS AND PETROLEUM PRODUCTS.
    - .3 DEBRIS THAT PROTRUDES MORE THAN 76MM (3") ABOVE SURFACE.
  - .1 COARSE CULTIVATE ENTIRE AREA THAT IS TO RECEIVE TOPSOIL TO DEPTH OF 102MM (4"). CROSS CULTIVATE THOSE AREAS WHERE EQUIPMENT HAS COMPACTED SOIL.
- .3 PLACING AND SPREADING OF TOPSOIL AND SOIL MIXES
  - .1 PLACE APPROVED TOPSOIL AFTER CONSULTANT HAS ACCEPTED SUBGRADE.
  - .2 SPREAD TOPSOIL IN UNIFORM LAYERS NOT EXCEEDING 152MM (6"), OVER UNFROZEN SUBGRADE FREE OF STANDING WATER.
  - .3 SPREAD TOPSOIL TO MINIMUM 152MM (6") DEPTH FOR SEEDED AND SODDED AREAS AFTER SETTLEMENT AND COMPACTION.
  - .4 SPREAD PLANTING SOIL MIX TO MINIMUM 406MM (16") DEPTH AFTER SETTLEMENT AND COMPACTION FOR ALL PLANTING AREAS AS SHOWN ON DRAWINGS
  - .5 MANUALLY SPREAD TOPSOIL AROUND TREES AND OBSTACLES.
- .4 APPLICATION OF FERTILIZER
  - .1 MIX FERTILIZER THOROUGHLY TO FULL DEPTH OF TOPSOIL.
  - .2 DO NOT APPLY FERTILIZER TO PLANTING SOIL MIX.
- .5 FINISH GRADING
  - .1 GRADE TO ELIMINATE ROUGH SPOTS AND LOW AREAS AND ENSURE POSITIVE DRAINAGE. PREPARE LOOSE FRIABLE BED BY MEANS OF CULTIVATION AND SUBSEQUENT RAKING.
  - .2 ENSURE FINISHED GRADES CONFORM TO APPROVED GRADING PLANS.
  - .3 CONSOLIDATE TOPSOIL TO LEAVE SURFACES SMOOTH, UNIFORM AND FIRM AGAINST DEEP FOOT PRINTING.
- .6 ACCEPTANCE
  - .1 THE CONSULTANT WILL REVIEW TOPSOIL IN PLACE AND DETERMINE ACCEPTANCE OF MATERIAL, DEPTH OF TOPSOIL AND FINISH GRADING.
- .7 SURPLUS MATERIAL
  - .1 LEGALLY DISPOSE OF MATERIALS NOT REQUIRED FOR THE WORK OFF–SITE.

END OF SECTION

PART 1 – GENERAL

- .1 GENERAL REQUIREMENTS
  - .1 THIS SECTION SPECIFIES THE SUPPLY AND PLACEMENT OF MECHANICAL SEEDING IN ALL AREAS INDICATED AS SUCH ON THE DRAWINGS TO THE SATISFACTION OF THE SPECIFICATIONS.
  - .2 RELATED WORK ELSEWHERE, TOPSOIL AND FINISHED GRADING, SECTION 31 22 16.
- .2 QUALITY ASSURANCE
  - .1 OBTAIN APPROVAL OF SEED MIXTURE IN WRITING FROM THE CONSULTANT BEFORE WORK COMMENCES.
  - .2 THE CONTRACTOR MUST HAVE FIVE (3) YEARS OF EXPERIENCE IN SEEDING WORK. ALL CREW MEMBERS MUST BE UNDER THE DIRECTION OF A SKILLED FOREMAN.
- .3 SCHEDULING
  - .1 SCHEDULE SEEDING TO COINCIDE WITH PREPARATION OF SOIL SURFACE.
  - .2 RECOMMENDED SCHEDULE FOR SEEDING USING GRASS MIXTURES TO BE PERFORMED ONLY DURING THE PERIODS OF MARCH 1 TO JUNE 30 AND AUGUST 1 TO DECEMBER 31.
  - .3 NO WORK SHALL BE PERFORMED WHEN THE GROUND IS FROZEN, WET OR OTHERWISE UNTILLABLE, OR WHEN EVEN DISTRIBUTION OF MATERIALS CANNOT BE OBTAINED.

PART 2 – PRODUCTS

.1 DELIVERY AND STORAGE

- .1 THE SEED MIXTURE SHALL BE MIXED AND SUPPLIED BY A RECOGNIZED SEED HOUSE WITH TESTED RATES FOR PURITY AND GERMINATION OF NOT LESS THAN GOVERNMENT STANDARD RATES.
- .2 ALL GRASS SEED SPECIFIED, SHALL BE MIXED AND SUPPLIED BY A RECOGNIZED SEED HOUSE WITH TESTED RATES FOR PURITY AND GERMINATION OF NOT LESS THAN GOVERNMENT STANDARD RATES.
- .3 SEED SHALL BE PACKED IN A BAG CLEARLY SHOWING THE NAME OF THE SUPPLIER AND INDICATING THE CERTIFIED QUANTITIES OF DIFFERENT TYPES OF THE MIXTURE. THE CONSULTANT MAY REQUEST A TEST FOR PURITY AND GERMINATION.
- .2 MATERIALS
  - .1 SEED: "CANADA PEDIGREED GRADE" IN ACCORDANCE WITH GOVERNMENT OF CANADA SEEDS ACT AND REGULATIONS, HAVING MINIMUM GERMINATION OF 75% AND MINIMUM PURITY OF 97%.
  - .2 MIXTURE: "CERTIFIED", "CANADA NO. 1 LAWN GRASS MIXTURE" IN ACCORDANCE WITH GOVERNMENT OF CANADA SEEDS ACT AND REGULATIONS WITH THE FOLLOWING MIXTURE COMPOSITION AT A RATE OF 185KG/HA: 20% KENTUCKY BLUEGRASS 50% CREEPING RED FESCUE 20% BARRY OR PINNACLE RYEGRASS 10% ANNUAL RYEGRASS
  - .3 WATER: POTABLE AND FREE OF IMPURITIES THAT WOULD INHIBIT GERMINATION AND GROWTH.
  - .4 FERTILIZER: TO CANADA "FERTILIZERS ACT" AND "FERTILIZERS REGULATIONS". ADJUST NITROGEN AND POTASSIUM BASED UPON SOIL TESTING UNDERTAKEN.

PART 3 – EXECUTION

.1 WORKMANSHIP

- .1 PROTECT AREAS FROM TRESPASS UNTIL GRASS IS ESTABLISHED.
- .2 KEEP SITE WELL DRAINED.
- .3 PERFORM WORK UNDER OPTIMUM FIELD CONDITIONS. DO NOT UNDERTAKE SEEDING OPERATION UNDER ADVERSE CONDITIONS INCLUDING MOISTURE, TEMPERATURE AND OR SCHEDULING RELATED WORK.
- .4 CLEAN UP IMMEDIATELY SOIL OR DEBRIS SPILLED ONTO PAVEMENT AND DISPOSE OF DELETERIOUS MATERIALS.
- .2 PREPARATION OF SURFACES
  - .1 ROUGH GRADE SOIL SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 75MM TO PRODUCE AN EVEN, LOOSE TEXTURED SURFACE, FREE OF ALL STONES, ROOTS, BRANCHES, ETC., LARGER THAN 25MM.
  - .2 FINE GRADE AREAS TO BE SEEDED FREE OF HUMPS AND HOLLOW. ENSURE ALL AREAS ARE FREE OF DELETERIOUS AND REFUSE MATERIALS. THE FINISHED GRADE SHALL BE SMOOTH, LOOSE TEXTURED AND FREE OF ALL STONES, ROOTS, BRANCHES, ETC., LARGER THAN 25MM DIAMETER AND SHALL BE REVIEWED BY THE CONSULTANT PRIOR TO COMMENCING SEEDING OPERATIONS.
  - .3 AREAS TO BE SEEDED ARE TO BE CULTIVATED TO A MINIMUM DEPTH OF 25MM.

.3 FERTILIZING PROGRAM

- .1 FERTILIZER SHALL BE APPLIED BY MEANS OF AN APPROVED MECHANICAL SPREADER IMMEDIATELY PRIOR TO SEEDING. THE FERTILIZER SHALL BE WELL WORKED INTO THE UPPER 50MM OF SOIL BY DISCING OR HARROWING.

.4 INSTALLATION

DRY SEEDING

- .1 OBTAIN CONSULTANT'S APPROVAL OF TOPSOIL GRADE AND DEPTH BEFORE STARTING SEEDING.
- .2 SOW DURING CALM WEATHER (WINDS LESS THAN 10 KM/H) USING EQUIPMENT SUITABLE FOR THE AREA INVOLVED TO THE APPROVAL OF THE CONSULTANT. SOW HALF OF THE REQUIRED SEED IN ONE DIRECTION AND THE REMAINDER AT RIGHT ANGLES. INCORPORATE THE SEED INTO THE SOIL A MINIMUM DEPTH OF 6MM SIMULTANEOUSLY OR WITHIN ON HALF HOUR AFTER SEEDING OPERATION. MIX CAREFULLY WITH LIGHT CHAIN HARROW OR WIRE RAKE AND ROLL AREA IMMEDIATELY AFTERWARD WITH WATER BALLAST TYPE LAWN OR AGRICULTURAL TYPE ROLLER.
- .3 WATER WITH FINE SPRAY, AVOIDING WASHING OUT SEED. APPLY ENOUGH WATER TO ENSURE PENETRATION OF MINIMUM OF 50MM.
- .4 RE–SEED AT 2 WEEK INTERVALS WHERE GERMINATION HAS FAILED.
- .5 PROTECT SEEDED AREAS FROM TRESPASS SATISFACTORY TO THE CONSULTANT.

HYDRO–SEEDING AND MULCHING

- .1 PROCEED WITH HYDRO–SEEDING ONLY AFTER FINAL GRADE HAS BEEN APPROVED BY CIVIL ENGINEERING CONSULTANT.
- .2 OBTAIN CONSULTANT'S APPROVAL OF TOPSOIL GRADE AND DEPTH BEFORE STARTING SEEDING.
- .3 HYDRO–SEED IN CALM WEATHER (WINDS LESS THAN 10 KM/H) USING EQUIPMENT SUITABLE FOR THE AREA INVOLVED TO THE APPROVAL OF THE CONSULTANT. HYDRO–SEED ONLY WHEN CONDITIONS ARE FAVOURABLE FOR SUCCESSFUL SEED GERMINATION. DO NOT SPRAY ONTO STRUCTURES, SIGNS GUARDRAILS FENCES, PLANT MATERIAL, UTILITIES AND OTHER THAN SURFACES INTENDED. CLEAN–UP IMMEDIATELY, ANY MATERIAL SPRAYED WHERE NOT INTENDED TO THE SATISFACTION OF THE CONSULTANT.
- .4 ONE– STEP HYDRAULIC SEEDING AND MULCHING
  - .1 THOROUGHLY MIX GRASS SEED, FERTILIZER, FIBRE MULCH AND WATER TO OBTAIN FOLLOWING SLURRY MIXTURE AND APPLICATION RATES PER HECTARE.
    - 1. GRASS SEED – 300 KG/HA.
    - 2. FERTILIZER – (12–51–0) AT 300 KG/HA.
    - 3. FIBRE MULCH – MINIMUM 1600 KG/HA OR 2250 KG/HA ON AREAS SUBJECT TO WIND AND WATER EROSION.
    - 4. WATER – MINIMUM 32,000 LITRES AND TO FIBRE MULCH MANUFACTURER'S RECOMMENDATIONS.
  - .2 ADD TACKIFIER DIRECTLY INTO SLURRY MIXTURE AND THOROUGHLY MIX AT RATE RECOMMENDED BY MANUFACTURER. APPLY TACKIFIER AS REQUIRED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
  - .3 USING APPROPRIATE HYDRAULIC HYDRO–MULCHING EQUIPMENT, APPLY SLURRY MIXTURE UNIFORMLY AT OPTIMUM ANGLE OF APPLICATION.
  - .4 USE PROPER NOZZLES FOR APPLICATION AND PROVIDE HOSE EXTENSIONS TO PROPEL MULCH SLURRY TO INACCESSIBLE AREAS.
  - .5 AGITATE SLURRY MIX CONSISTENTLY DURING SPRAYING TO KEEP IT HOMOGENEOUS AND AVOID BLOCKAGE TO PIPES.
  - .5 RE–SEED AT 2 WEEK INTERVALS WHERE GERMINATION HAS FAILED.
  - .6 PROTECT SEEDED AREAS FROM TRESPASS SATISFACTORY TO THE CONSULTANT.

.5 MAINTENANCE DURING ESTABLISHMENT PERIOD

- .1 PERFORM THE FOLLOWING MAINTENANCE OPERATIONS FROM THE TIME OF THE SEED APPLICATION UNTIL ACCEPTANCE BY CONSULTANT. SUCH MAINTENANCE SHALL INCLUDE ALL MEASURES NECESSARY TO ESTABLISH AND MAINTAIN GRASS IN A VIGOROUS GROWTH CONDITION.
- .2 GRASS MIXTURE: REPAIR AND RESEED DEAD OR BARE SPOTS TO ALLOW ESTABLISHMENT OF SEED PRIOR TO ACCEPTANCE.
- .3 MOW GRASS TO 40MM WHENEVER IT REACHES A HEIGHT OF 60MM.
- .4 FERTILIZED SEEDED AREAS AFTER THE FIRST CUTTING TO THE SPECIFIED RATES. SPREAD HALF OF THE FERTILIZER IN ONE DIRECTION, AND THE REMAINDER AT RIGHT ANGLES.
- .5 ELIMINATE WEEDS BY MECHANICAL MEANS.
- .6 WATER SEEDED AREA TO MAINTAIN OPTIMUM SOIL MOISTURE LEVEL FOR GERMINATION AND CONTINUED GROWTH OF GRASS. CONTROL WATERING TO PREVENT WASHOUTS.
- .7 EROSION RESULTING FROM CONTRACTOR'S FAULTY WORKMANSHIP AND / OR MATERIALS SHALL BE REPAIRED AND RESEEDED AT HIS EXPENSE.

.6 INSPECTION

- .1 ACCEPTANCE INSPECTION WILL BE CONDUCTED WITHIN SIXTY (60) DAYS AFTER COMPLETION.
- .2 WHERE THE CONTRACTOR REQUESTS INSPECTION FOR PARTIAL ACCEPTANCE OF SEEDING WORK, THE CONTRACTOR WILL NOTIFY THE CONSULTANT IN WRITING AT LEAST TWO (2) DAYS IN ADVANCE.
- .3 PARTIAL ACCEPTANCE WILL BE GIVEN WHEN MECHANICAL SEEDING WORK HAS BEEN DELAYED DUE TO CIRCUMSTANCES BEYOND THE CONTROL OF THE CONTRACTOR OR WHEN FURTHER MECHANICAL SEEDING WORK WOULD BE IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICE AND WOULD JEOPARDIZE THE PERFORMANCE OF WORK AND MATERIALS.
- .4 AT THE TIME OF INSPECTION FOR ACCEPTANCE, ALL SEEDED AREAS SHALL HAVE A HEALTHY AND EVEN STAND OF GRASS, FREE OF THIN, POOR, OR BURNED OUT PATCHES.

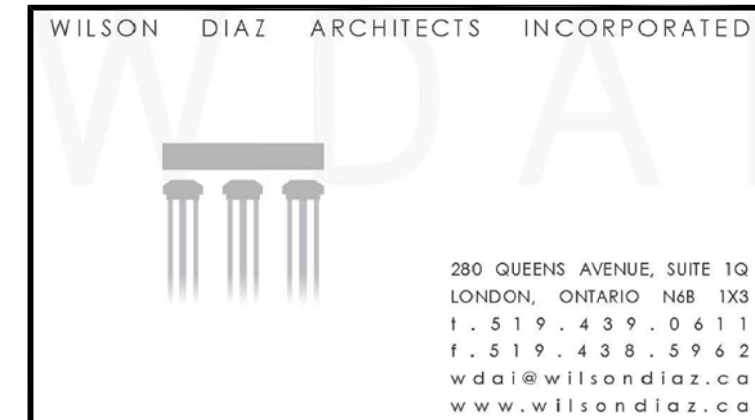
.7 ACCEPTANCE

- .1 SEEDED AREAS WILL BE ACCEPTED BY THE OWNER AND CONSULTANT PROVIDED THAT:
  - .1 PLANTS ARE UNIFORMLY ESTABLISHED AND SEED AREAS ARE FREE OF RUTTED, ERODED, BARE OR DEAD SPOTS AND FREE OF WEEDS.
  - .2 SEEDED AREAS HAVE BEEN MOWN AT LEAST TWICE.
  - .3 SEEDED AREAS HAVE BEEN FERTILIZED.
- .2 AREAS SEEDED IN THE FALL WILL BE ACCEPTED IN THE FOLLOWING SPRING, ONE MONTH AFTER THE START OF THE GROWING SEASON, PROVIDED THAT ACCEPTANCE CONDITIONS ARE FULFILLED.

.8 MAINTENANCE DURING WARRANTY PERIOD

- .1 PERFORM THE FOLLOWING OPERATIONS FROM TIME OF ACCEPTANCE UNTIL END OF WARRANTY PERIOD:
  - .1 REPAIR AND RESEED DEAD OR BARE SPOTS TO THE SATISFACTION OF THE CONSULTANT.

END OF SECTION



KEY PLAN

NOTES

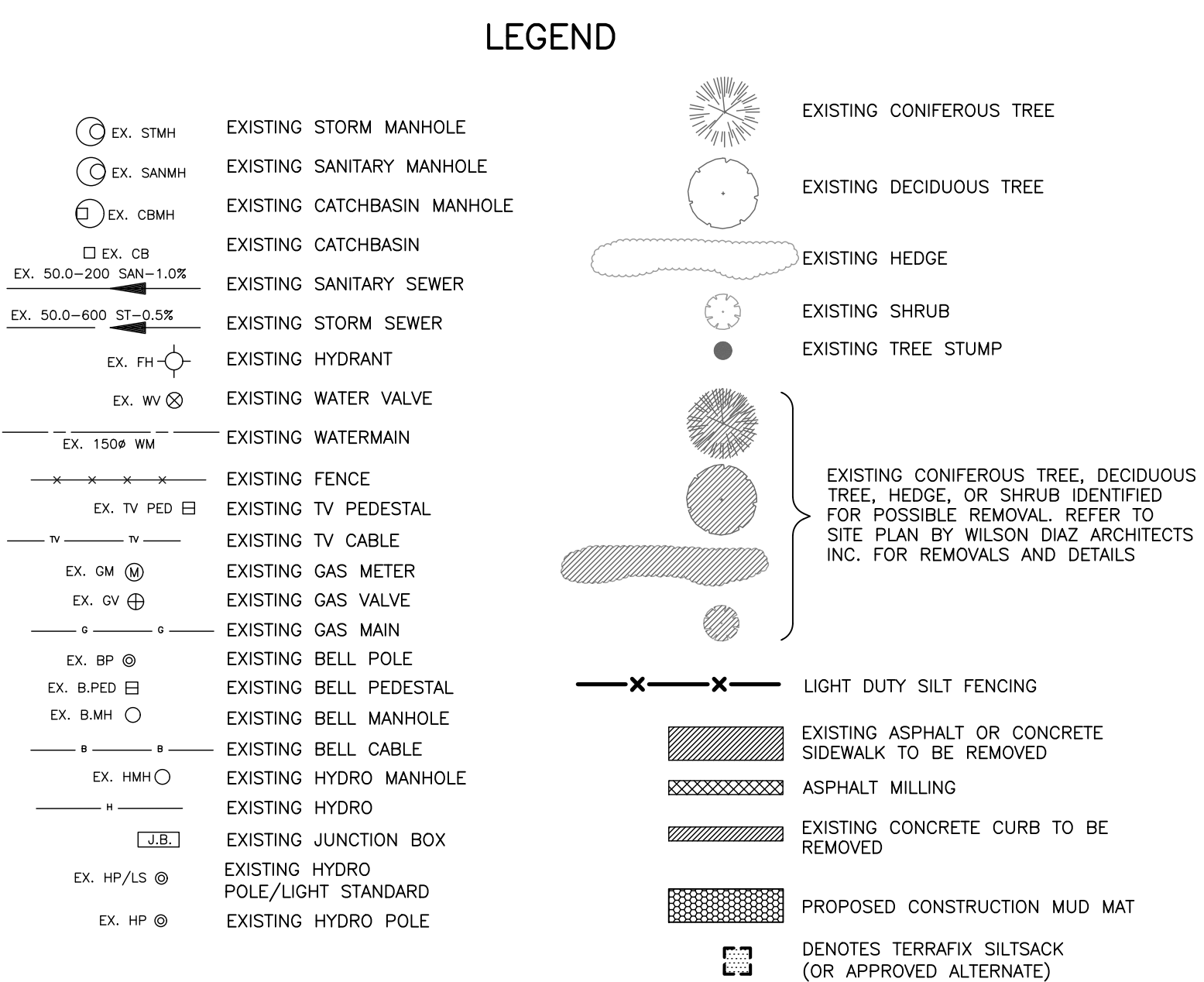
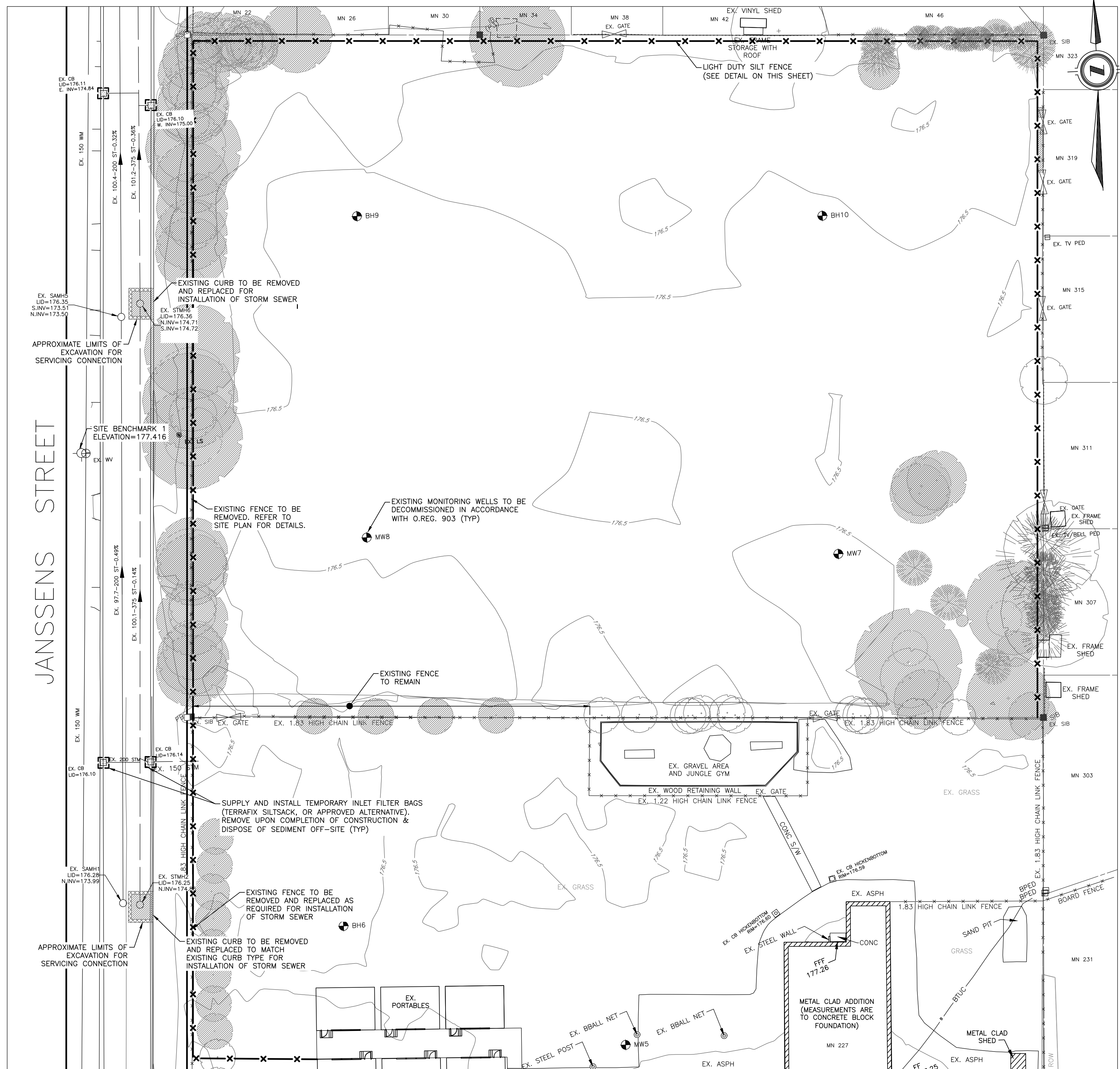
LEGEND


08/08/2020	ISSUED FOR TENDER	1
DATE MM/DD/YYYY	DESCRIPTION	No.

PROJECT TITLE:  
**CHRIST THE KING  
CATHOLIC SCHOOL  
SITE IMPROVEMENTS**

DRAWING TITLE:  
**SPECIFICATIONS**

DATE PLOTTED: 18/08/2020	DRAWN: MFPU	DRAWING No. <b>A011</b>
SCALE:	CHECKED: RW	
PROJECT No. 1827		



#### SITE PREPARATION NOTES

- The Owner's Contractor shall take precautions to avoid damage to existing servicing and surfaces not designated for removal. Any damage shall be repaired and restoration completed at the expense of the Owner's Contractor.
- Topographical information, existing utility and service locations shown on the plan are derived (in part) from the field survey information conducted by others and record information provided by the Owner, the Municipality, and Utility companies. The Owner's Contractor shall field locate all services prior to construction.
- Prior to initiating site works, the Owner's Contractor shall obtain locates for all existing underground utilities within the area of construction. The Owner's Contractor shall be responsible for the cost of repair or replacement of any utilities damaged or disturbed during construction, and shall immediately contact the appropriate utility owner upon such occurrence.
- Where utility crossings are required, the Owner's Contractor shall undertake appropriate measures for the temporary support of such utilities in accordance with the requirements of the utility owner until such time as backfilling and compaction are complete.
- Prior to construction, the Owner's Contractor shall check and verify all site benchmarks, elevations, service inverts, grades, and dimensions and immediately report any discrepancies to the Engineer.
- Prior to construction, an approved set of plans and specifications shall be available on the job site and shall remain on-site for the duration of construction. The Owner's Contractor shall verify with the Contract Administrator that the most current drawings are in circulation.
- The Owner's Contractor shall be responsible for protection of all survey markers and monuments during construction. Any legal survey monuments which are disturbed during construction shall be replaced at the expense of the Owner's Contractor.
- All works shall be undertaken in accordance with current Occupational Health and Safety Act requirements.
- Prior to undertaking on-site earth works, the Owner's Contractor shall install all sediment controls relevant to the area of site disturbance.
- The Owner's Contractor shall be responsible for regular monitoring and cleanup of tracked mud/debris on adjacent lands and public roads to the satisfaction of the Engineer and Municipality.
- All excavations shall be backfilled to the surrounding subgrade elevation with suitable select mineral soil or compacted granulars, of suitable moisture content, as approved by the Geotechnical Engineer. Such backfill material shall be placed in lifts not exceeding 300mm thickness and compacted to 98% SPMD as engineered fill to the satisfaction of the Geotechnical Engineer.
- Existing surfaces within the Road Allowance that are disturbed during construction shall be restored to a condition at least as good as conditions prior to construction, to the satisfaction of the Municipality, all at no cost to the Owner.
- The Owner's Contractor shall take all reasonable measures to avoid mixing topsoil with subsoil where required for reuse on-site.
- All substitutions are subject to review by the Engineer.

#### SEDIMENT AND EROSION CONTROL NOTES

- Protect all exposed surfaces and control all runoff during construction.
- All erosion control measures to be in place before starting construction and remain in place until restoration is complete.
- Maintain erosion control measures during construction.
- All collected sediment to be disposed of at an approved location.
- Minimize area disturbed during construction. All dewatering to be disposed of in an approved sedimentation basin.
- Protect all catchbasins, manholes and pipe ends from sediment intrusion with geotextile (Terrafix 270R or approved equivalent).
- Keep all sumps clean during construction.
- Prevent wind-blown dust.
- Straw bales to be used in localized areas as shown and as directed by the Engineer during construction.
- Straw bales to be terminated by rounding bales to contain and filter runoff.
- Keep all sumps clean during construction.
- All silt fencing and details are at the minimum to be constructed in accordance with the Ministry of Natural Resources Guidelines on Erosion and Sediment Control for Urban Construction Sites.
- All of the above notes and any sediment and erosion control measures are at a minimum to be in accordance with the Ministry of Natural Resources Guidelines on Erosion and Sediment Control for Urban Construction Sites.

#### SITE BENCHMARKS:

BENCHMARK #1 - TOP OF SPINDLE HYDRANT ON WEST SIDE OF JANSSENS STREET AT MN. 229.  
ELEVATION=177.416m

BENCHMARK #2 - TOP OF SPINDLE HYDRANT ON NORTH SIDE OF THOMAS AVENUE ACROSS FROM MN. 208 IN FRONT OF SCHOOL.  
ELEVATION=177.340m (NOT SHOWN ON PLAN)

BOULEVARD AREAS SHALL BE RESTORED WITH 150mm TOPSOIL AND SOD.

REF: GEOTECHNICAL REPORT REF:18G085 REV:00 BY SOIL & MATERIALS ENGINEERING INC, DATED APRIL 15, 2020

TOPOGRAPHICAL INFORMATION AND SITE BENCHMARK AS PROVIDED BY DEVELOPMENT ENGINEERING (LONDON) LIMITED

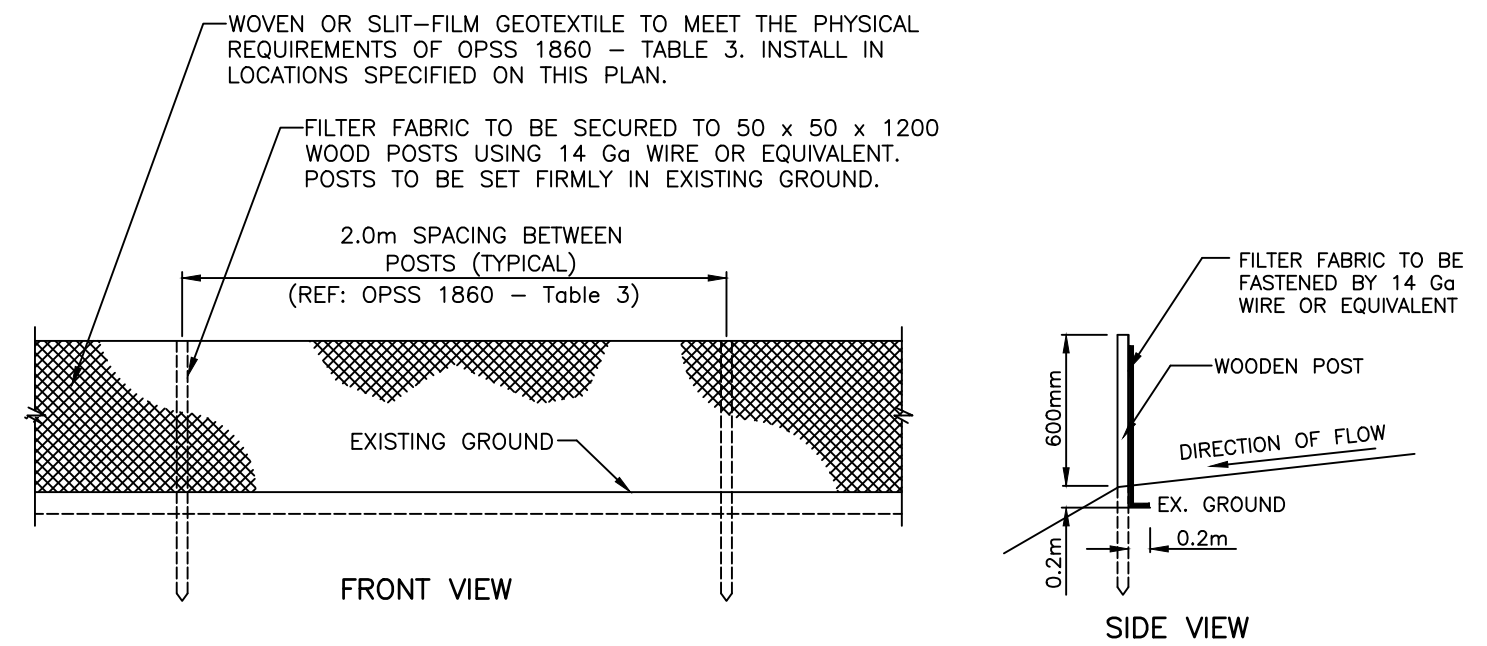
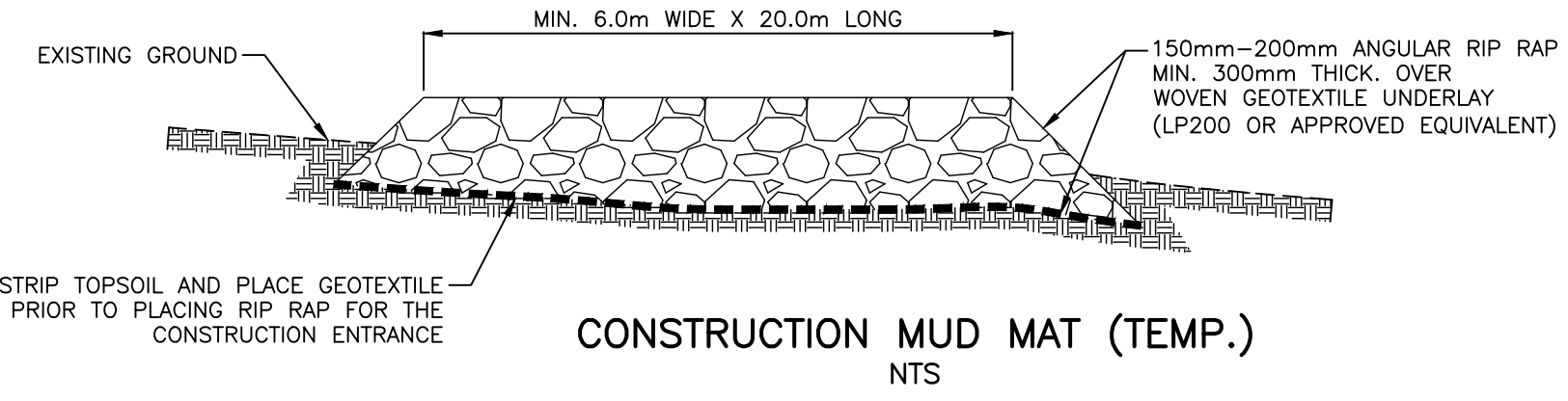
THIS SITE PREPARATION PLAN HAS BEEN PREPARED TO IDENTIFY REMOVALS, EROSION & SEDIMENT CONTROL MEASURES & TEMPORARY CONSTRUCTION WORKS FOR THE BENEFIT OF THE OWNER'S CONTRACTOR IN ADVANCE OF SERVING WORKS. IT IS NOT INTENDED TO IDENTIFY PERMANENT GRADING PATTERNS.

PRIOR TO CONSTRUCTION THE OWNER'S CONTRACTOR SHALL OBTAIN LOCATES FOR, EXPOSE AND CONFIRM LOCATION OF ALL EXISTING UNDERGROUND UTILITIES WITHIN THE LIMIT OF CONSTRUCTION. OWNER'S CONTRACTOR SHALL SUPPORT EXISTING UNDERGROUND UTILITIES AS REQUIRED.

SEDIMENT AND EROSION CONTROL MEASURES MAY ONLY BE REMOVED UPON STABILIZATION OF CONTRIBUTING CATCHMENT AREA AND SUBJECT TO APPROVAL OF ENGINEER AND MUNICIPALITY OF CHATHAM-KENT.

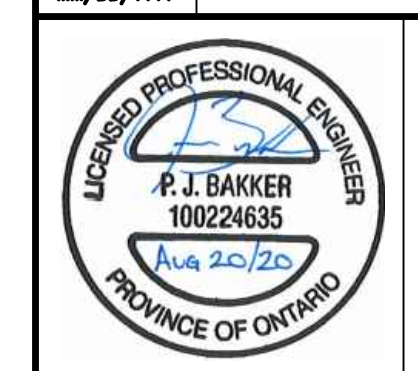
OWNER'S CONTRACTOR SHALL BE RESPONSIBLE FOR REGULAR MONITORING AND CLEANUP OF TRACKED MUD/DEBRIS ON ADJACENT LANDS AND PUBLIC ROADS TO THE SATISFACTION OF THE ENGINEER AND MUNICIPALITY.

THE OWNER'S CONTRACTOR SHALL CONSTRUCT A TEMPORARY MUD MAT FOR CONSTRUCTION ACCESS. LOCATION TO BE DETERMINED BY OWNER'S CONTRACTOR AS REQUIRED FOR CONSTRUCTION. OWNER'S CONTRACTOR SHALL MAINTAIN MUD MAT THROUGHOUT CONSTRUCTION AND REMOVE CONSTRUCTION ACCESS AND MUDMAT WHEN TEMPORARY CONSTRUCTION ACCESS IS NO LONGER REQUIRED. REFER TO DETAIL ON THIS SHEET.



LIGHT-DUTY SILT FENCE (REF: OPSP 219.11) NTS

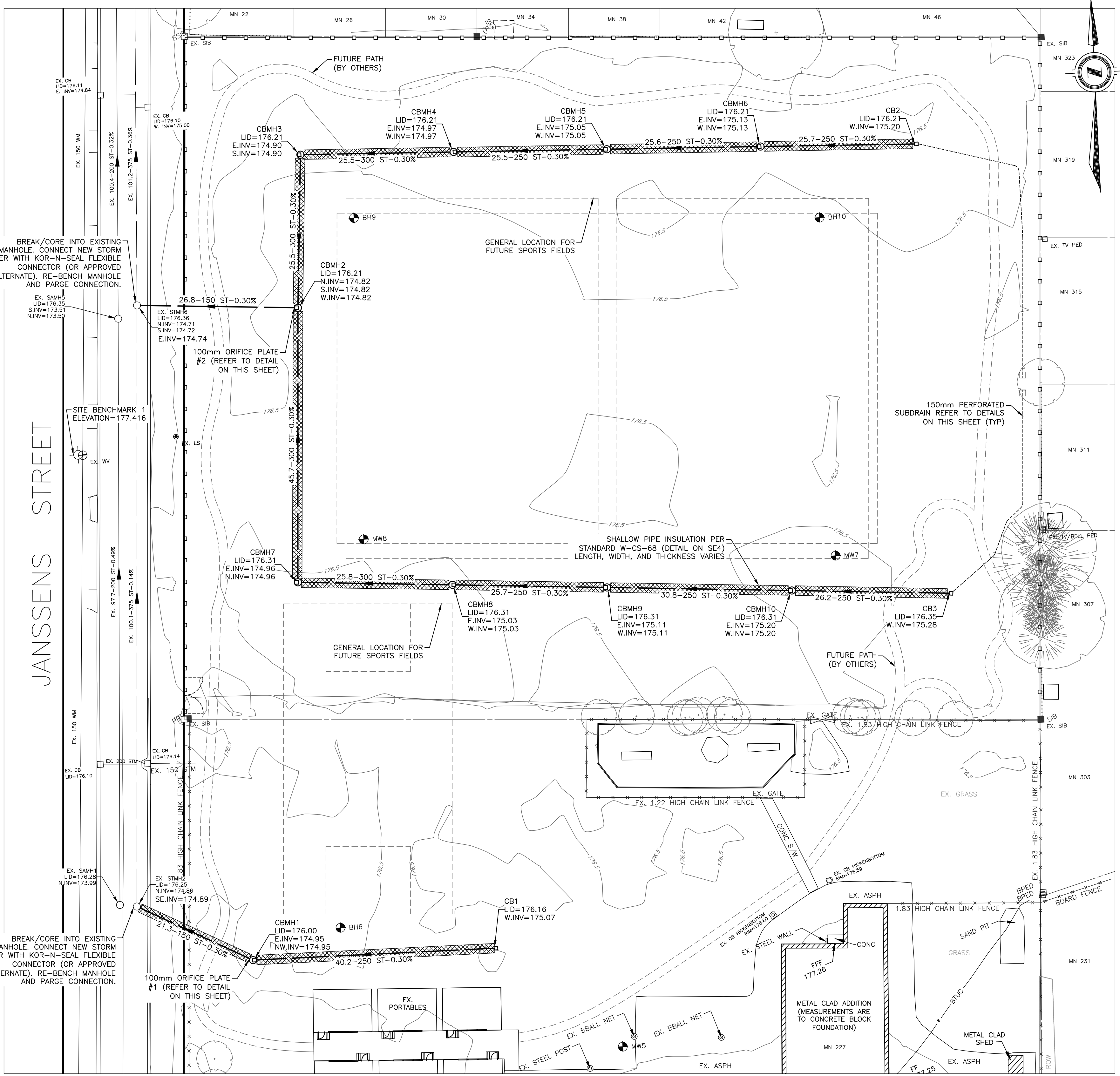
DATE	DESCRIPTION	No.
08/20/2020	ISSUED FOR TENDER	1



PROJECT TITLE:  
**CHRIST THE KING CATHOLIC SCHOOL SITE IMPROVEMENTS**

DRAWING TITLE:  
**EXISTING CONDITIONS AND SITE PREPARATION PLAN**

DATE PLOTTED: 08/20/2020	DRAWN: RP	DRAWING No. <b>SE1</b>
SCALE: 1:400	CHECKED: PJB	
PROJECT No. DEL19-061		



- ### LEGEND
- ⊙ EX. STMH EXISTING STORM MANHOLE
  - ⊙ EX. SANMH EXISTING SANITARY MANHOLE
  - ⊙ EX. CBMH EXISTING CATCHBASIN MANHOLE
  - EX. CB EXISTING CATCHBASIN
  - EX. 50.0-200 SAN-1.0% EXISTING SANITARY SEWER
  - EX. 50.0-600 ST-0.5% EXISTING STORM SEWER
  - ⊙ EX. FH EXISTING HYDRANT
  - ⊙ EX. WV EXISTING WATER VALVE
  - EX. 150mm WM EXISTING WATERMAIN
  - EX. TV PED EXISTING TV PEDESTAL
  - EX. TV CBL EXISTING TV CABLE
  - ⊙ EX. GM EXISTING GAS METER
  - ⊙ EX. GV EXISTING GAS VALVE
  - EX. G M EXISTING GAS MAIN
  - ⊙ EX. BP EXISTING BELL POLE
  - ⊙ EX. B PED EXISTING BELL PEDESTAL
  - ⊙ EX. BMH EXISTING BELL MANHOLE
  - EX. HMB EXISTING BELL CABLE
  - EX. HMH EXISTING HYDRO MANHOLE
  - EX. HYDRO EXISTING HYDRO
  - ⊙ EX. JBX EXISTING JUNCTION BOX
  - ⊙ EX. HP/LS EXISTING HYDRO POLE/LIGHT STANDARD
  - ⊙ EX. HP EXISTING HYDRO POLE
  - ⊙ CBMH1 PROPOSED CATCHBASIN MANHOLE
  - CB1 PROPOSED STANDARD CATCHBASIN
  - 50.0-600 ST-0.5% PROPOSED STORM SEWER
  - PROPOSED SHALLOW PIPE INSULATION
  - FUTURE ASPHALT PATH (BY OTHERS)

**SITE BENCHMARKS:**

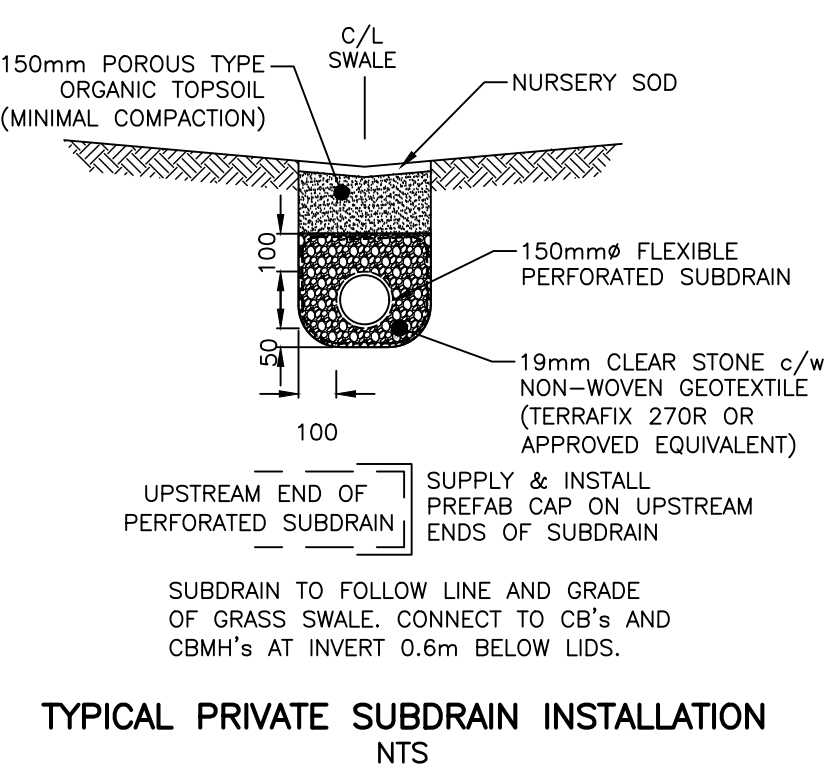
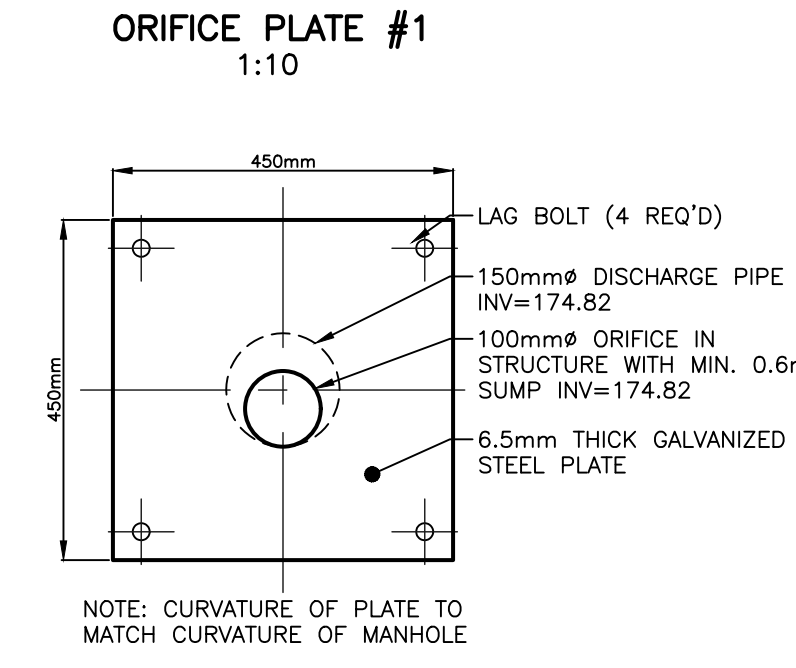
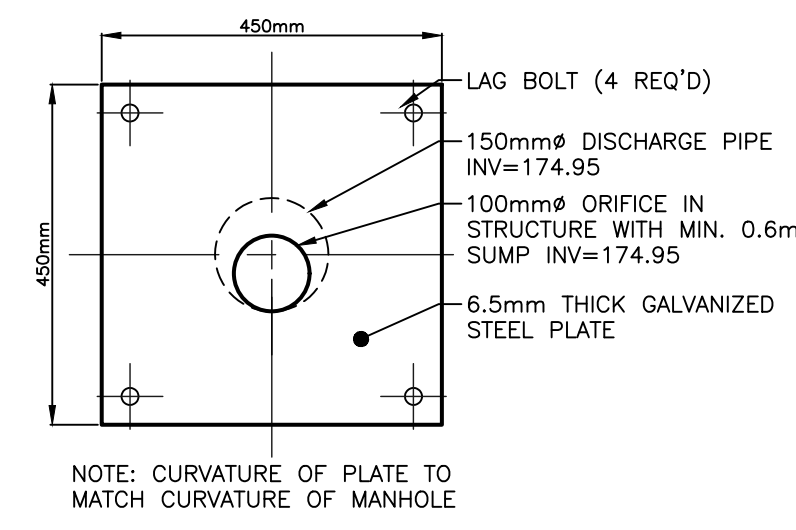
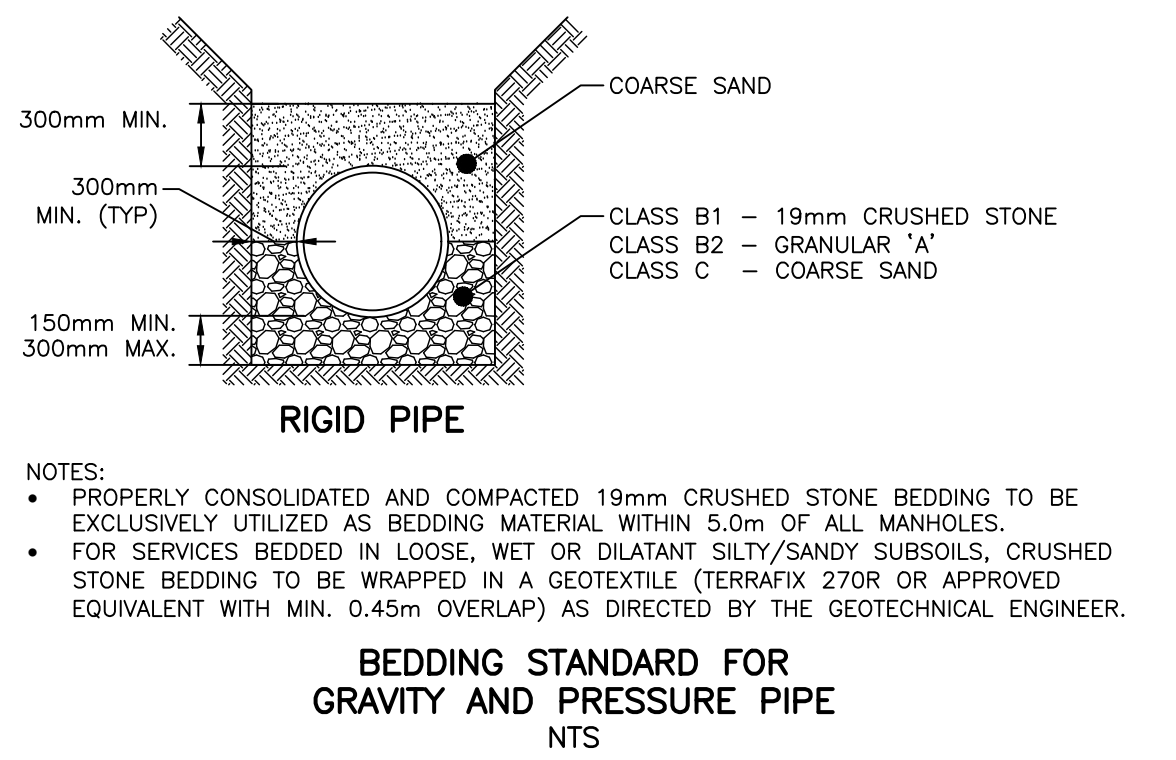
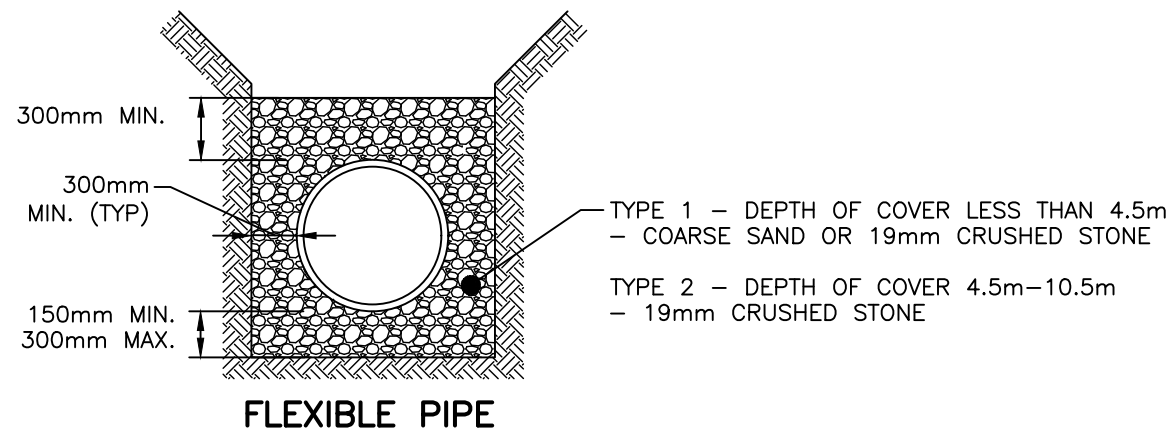
BENCHMARK #1 - TOP OF SPINDLE HYDRANT ON WEST SIDE OF JANSSENS STREET AT MN. 229.  
ELEVATION=177.416m

BENCHMARK #2 - TOP OF SPINDLE HYDRANT ON NORTH SIDE OF THOMAS AVENUE ACROSS FROM MN. 208 IN FRONT OF SCHOOL.  
ELEVATION=177.340m (NOT SHOWN ON PLAN)

BOULEVARD AREAS SHALL BE RESTORED WITH 150mm TOPSOIL AND SO2.

REF. GEOTECHNICAL REPORT REF-1802085 REV:00 BY SOIL & MATERIALS ENGINEERING INC, DATED APRIL 15, 2020

TOPOGRAPHICAL INFORMATION AND SITE BENCHMARK AS PROVIDED BY DEVELOPMENT ENGINEERING (LONDON) LIMITED



DATE	DESCRIPTION	No.
08/20/2020	ISSUED FOR TENDER	1

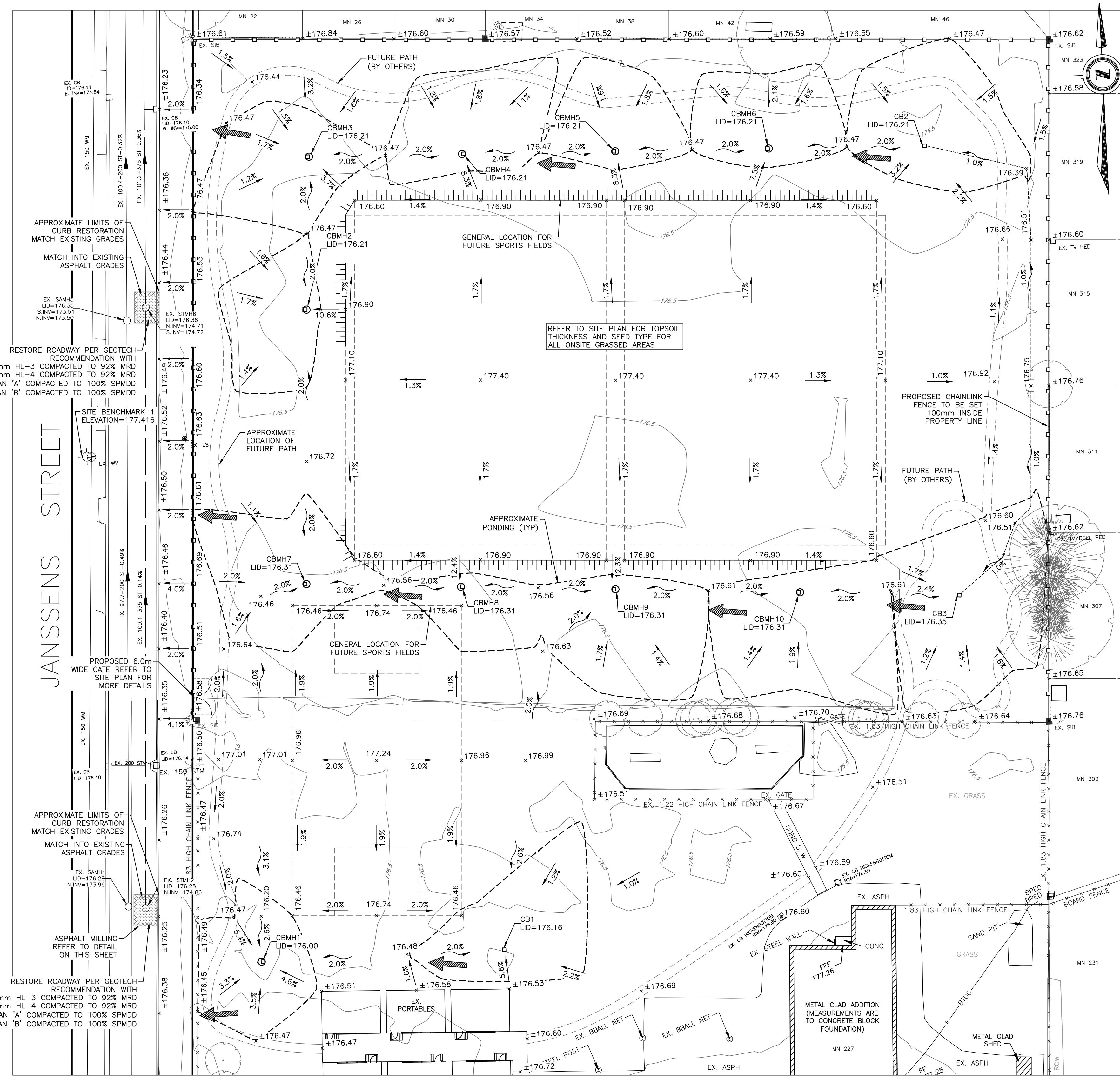


PROJECT TITLE:  
**CHRIST THE KING CATHOLIC SCHOOL SITE IMPROVEMENTS**

DRAWING TITLE:  
**SITE SERVICING PLAN**

DATE PLOTTED:	DRAWN:	DRAWING No.
08/20/2020	RP	<b>SE2</b>
SCALE: 1:400	CHECKED: PJBURS	
PROJECT No.	DEL19-061	

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**LEGEND**

- EX. STMH EXISTING STORM MANHOLE
- EX. SANMH EXISTING SANITARY MANHOLE
- EX. CBMH EXISTING CATCHBASIN MANHOLE
- EX. CB EXISTING CATCHBASIN
- EX. 50.0-200 SAN-1.0% EXISTING SANITARY SEWER
- EX. 50.0-600 ST-0.5% EXISTING STORM SEWER
- EX. FH EXISTING HYDRANT
- EX. WV EXISTING WATER VALVE
- EX. 150# WM EXISTING WATERMAIN
- EXISTING FENCE
- EX. TV PED EXISTING TV PEDESTAL
- EXISTING TV CABLE
- EX. GM EXISTING GAS METER
- EX. GV EXISTING GAS VALVE
- EXISTING GAS MAIN
- EX. BP EXISTING BELL POLE
- EX. B.PED EXISTING BELL PEDESTAL
- EX. B.MH EXISTING BELL MANHOLE
- EXISTING BELL CABLE
- EX. HMH EXISTING HYDRO MANHOLE
- EXISTING HYDRO
- EX. J.B. EXISTING JUNCTION BOX
- EX. HP/LS EXISTING HYDRO POLE/LIGHT STANDARD
- EX. HP EXISTING HYDRO POLE
- CBMH1 PROPOSED CATCHBASIN MANHOLE
- 255 EXISTING GROUND CONTOUR
- 18.65' EXISTING GROUND GRADE
- 78.65' PROPOSED GRADE
- ±78.65' EXISTING GRADE TO BE MATCHED
- PROPOSED SWALE
- OVERLAND FLOW DIRECTION
- 150mm PERFORATED SUBDRAIN
- PROPOSED CONCRETE SIDEWALK TO BE PLACED
- PROPOSED ASPHALT TO BE PLACED
- ASPHALT MILLING
- PROPOSED CHAINLINK FENCE (REFER TO SITE PLAN FOR DETAILS)

**SITE BENCHMARKS:**

BENCHMARK #1 - TOP OF SPINDLE HYDRANT ON WEST SIDE OF JANSSENS STREET AT MN. 229.  
ELEVATION=177.416m

BENCHMARK #2 - TOP OF SPINDLE HYDRANT ON NORTH SIDE OF THOMAS AVENUE ACROSS FROM MN. 208 IN FRONT OF SCHOOL.  
ELEVATION=177.340m (NOT SHOWN ON PLAN)

BOULEVARD AREAS SHALL BE RESTORED WITH 150mm TOPSOIL AND SOD.

REF. GEOTECHNICAL REPORT REF.18G085 REV:00 BY SOIL & MATERIALS ENGINEERING INC., DATED APRIL 15, 2020

TOPOGRAPHICAL INFORMATION AND SITE BENCHMARK AS PROVIDED BY DEVELOPMENT ENGINEERING (LONDON) LIMITED

PRIOR TO CONSTRUCTION THE OWNER'S CONTRACTOR SHALL OBTAIN LOCATES FOR, EXPOSE AND CONFIRM LOCATION OF ALL EXISTING UNDERGROUND UTILITIES WITHIN THE LIMIT OF CONSTRUCTION. OWNER'S CONTRACTOR SHALL SUPPORT EXISTING UNDERGROUND UTILITIES AS REQUIRED.

I HEREBY CERTIFY THAT THE PROPOSED GRADING AND APPURTENANCE DRAINAGE WORKS COMPLY WITH SOUND ENGINEERING DESIGN AND THAT THE PROPOSED GRADING IS COMPATIBLE WITH APPLICABLE CITY BYLAWS AND THE EXISTING DRAINAGE PATTERNS ON AND ACROSS THESE LANDS.

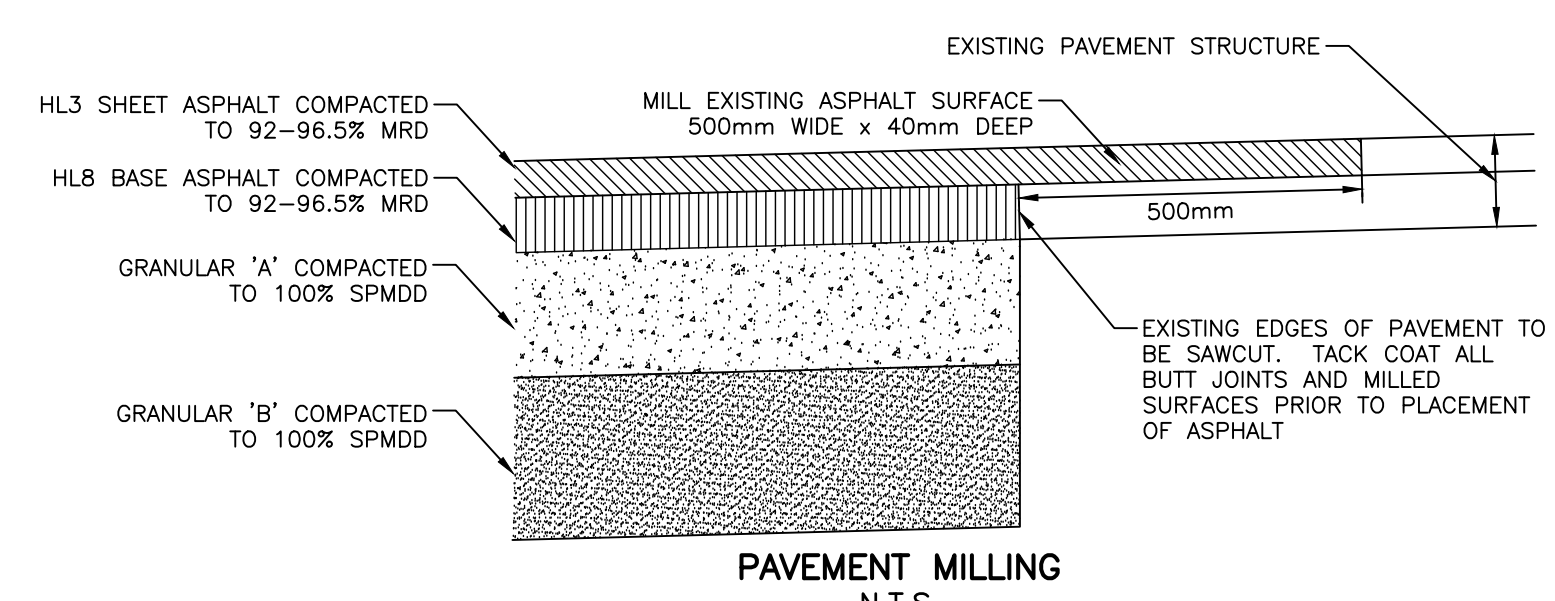
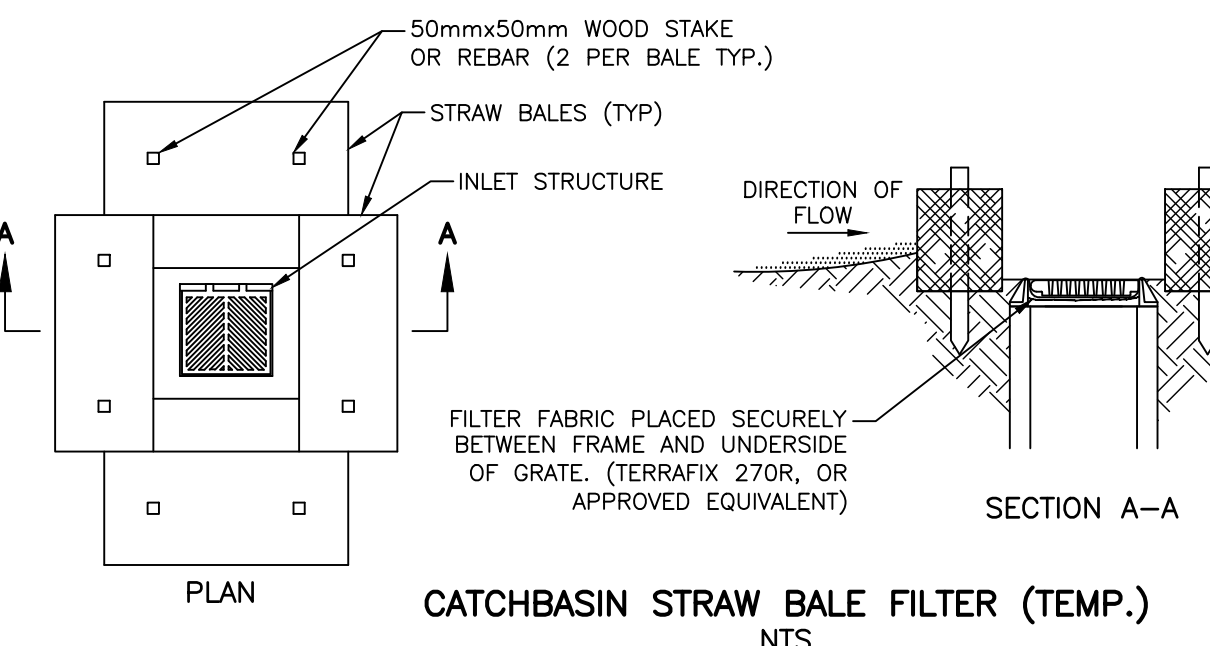
**HARDSCAPE SURFACING (ROADS, CURBS, SIDEWALKS) NOTES**

- Material Conformance:** Prior to import of materials to the work site, the Owner's Contractor shall make arrangements for the geotechnical analysis of Granular A and B materials to prove conformance with OPSS 1010. Asphalt mix designs shall be submitted to indicate conformance with OPSS 1150 and placement should be undertaken in accordance with OPSS 310. Concrete shall be placed in accordance with OPSS 353 and OPSS 1350.
- All organic, unstable or unsuitable materials beneath the road allowances or paved areas must be removed and these areas backfilled with an approved fill material or OPSS Granular 'B' compacted to 98% SPMD, oil to the satisfaction of a Geotechnical Engineer.
- All existing boulevards and road surfaces disturbed during construction shall be restored to a condition at least as good as original, oil to the satisfaction of the Municipal Engineer.
- All concrete to be OPSS mix 30 MPa at 28 days unless otherwise noted.
- Sidewalks shall be founded upon competent subgrade compacted to 98% SPMD and minimum 100mm Granular 'A' compacted to 98% SPMD.
- All public right of way curb & gutter shall be constructed to match existing conditions unless otherwise specified.
- Any proposed substitutions subject to approval by the Engineer.

RESTORE ROADWAY PER GEOTECH RECOMMENDATION WITH  
40mm HL-3 COMPACTED TO 92% MRD  
60mm HL-4 COMPACTED TO 92% MRD  
300mm GRAN 'A' COMPACTED TO 100% SPMD  
200mm GRAN 'B' COMPACTED TO 100% SPMD

RESTORE ROADWAY PER GEOTECH RECOMMENDATION WITH  
40mm HL-3 COMPACTED TO 92% MRD  
60mm HL-4 COMPACTED TO 92% MRD  
300mm GRAN 'A' COMPACTED TO 100% SPMD  
200mm GRAN 'B' COMPACTED TO 100% SPMD

RESTORE ROADWAY PER GEOTECH RECOMMENDATION WITH  
40mm HL-3 COMPACTED TO 92% MRD  
60mm HL-4 COMPACTED TO 92% MRD  
300mm GRAN 'A' COMPACTED TO 100% SPMD  
200mm GRAN 'B' COMPACTED TO 100% SPMD



08/20/2020	ISSUED FOR TENDER	1
DATE	DESCRIPTION	No.



PROJECT TITLE:  
**CHRIST THE KING CATHOLIC SCHOOL SITE IMPROVEMENTS**

DRAWING TITLE:  
**SITE GRADING PLAN**

DATE PLOTTED: 08/20/2020	DRAWN: RP	DRAWING No. <b>SE3</b>
SCALE: 1:400	CHECKED: PUBJRS	
PROJECT No. DEL 19-061		

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**GENERAL CONSTRUCTION NOTES**

- All existing underground utilities, either shown or not shown, are to be located and marked prior to commencing construction within the site and on existing abutting road allowance. Any utilities damaged or disturbed during construction shall be repaired or replaced to the satisfaction of the governing body at the sole expense of the Owner's Contractor.
- The Owner's Contractor is to meet all the requirements of the owners of the utilities on this plan, and must make satisfactory arrangements with the utility companies for crossing their installations and for providing adequate protection during construction. All existing underground plant (i.e. telephone duct, gas mains, sewer, watermain) that will be crossed under during the installation of services for this development shall be supported by a support beam or by other methods as may be required by the Owners of the plant being crossed under. All temporary support measures required during the construction phase shall be the responsibility of the Owner's Contractor and independent engineering review/certification shall be undertaken where necessary at no extra cost to the contract.
- All existing boulevards and road surfaces disturbed during construction shall be restored to a condition at least as good as original (pre-construction condition), all to the satisfaction of the Municipal Engineer.
- Prior to commencing ANY construction, the Owner's Contractor must verify all outlet information, benchmarks, elevations and dimensions and report any discrepancies immediately to the Engineer.
- Prior to commencing any work on the installation of services, an approved set of plans must be available on the job site and shall remain there until work is completed.
- The Owner's Contractor is responsible for the control of surface and subsurface water.
- The Developer's Consulting Engineer shall provide full-time inspection and a Certificate of Compliance upon completion for all works to be constructed on existing Municipal streets.
- The Developer shall have its Professional Engineer provide adequate inspection during construction on the site and a Certificate of Completion of works upon completion of all works which are to be assumed by the owner.
- The Owner's Contractor shall take all necessary precautions to prevent the spilling or dumping of hazardous materials while fueling and maintaining vehicles and equipment.
- If in the opinion of the Engineer a zone is contaminated through neglect and/or deliberate mishandling of toxic materials by the Owner's Contractor, the Owner's Contractor shall at no expense to the Owner excavate and dispose of all contaminated materials to an approved disposal site and provide soil remediation.
- Existing servicing and topographic information was obtained by Development Engineering dated May 14, 2020.
- For geotechnical information and recommendations respecting construction, refer to geotechnical report by Soil & Materials Engineering INC.

**CONSTRUCTION NOTES FOR THE SERVICING CONTRACTOR**

- The Contractor shall take precautions to avoid damage to existing servicing and surfaces not designated for removal. Any damage shall be repaired and restoration completed at the expense of the Owner's Contractor.
- Prior to initiating site works, the Owner's Contractor shall obtain locates for all existing underground utilities within the area of construction. The Owner's Contractor shall be responsible for the cost of repair or replacement of any utilities damaged or disturbed during construction, and shall immediately contact the appropriate utility owner upon such occurrence.
- Where utility crossings are required, the Owner's Contractor shall undertake appropriate measures for the temporary support of such utilities in accordance with the requirements of the utility owner until such time as backfilling and compaction are complete.
- Prior to construction, an approved set of plans and specifications shall be available on the job site and shall remain on-site for the duration of construction. The Owner's Contractor shall verify with the Contract Administrator that the most current drawings are in circulation.
- The Owner's Contractor shall be responsible for protection of all survey markers and monuments during construction. Any legal survey monuments which are disturbed during construction shall be replaced at the expense of the Owner's Contractor.
- All works shall be undertaken in accordance with current Occupational Health and Safety Act requirements.
- Prior to undertaking on-site earth works, the Owner's Contractor shall install all sediment controls relevant to the area of site disturbance.
- The Owner's Contractor shall be responsible for regular monitoring and cleanup of tracked mud/debris on adjacent lands and public roads to the satisfaction of the Engineer and Municipality.
- The Owner's Contractor shall take all reasonable measures to avoid mixing topsoil with subsoil where required for reuse on-site.
- On-site surface drainage shall be maintained by the Owner's Contractor at all times. Erosion and sediment controls shall be applied where necessary to prevent uncontrolled release of sediment off-site. Where excavation dewatering is necessary, pump discharge shall be directed to stable, vegetated areas or dedicated sediment traps (OPSD 219.24) to the satisfaction of the Engineer.
- The Owner's Contractor shall maintain an operations log of erosion & sediment control structure inspections throughout the project, with particular emphasis on control measures after rainfall events of 12mm or greater. Periodic removal of accumulated sediment shall be undertaken as necessary or at the expressed direction of the Engineer. All collected sediment shall be disposed of at an approved location at no extra cost to the contract.
- Unless otherwise noted on the plans, geotextile for erosion control measures shall be non-woven to meet class 1-OPSS 1860.07.02 (i.e. Terrafix 270R, or approved equivalent) with 300mm min. overlaps.
- Topsoil windrows shall be constructed separately from subsoil stockpiles, and shall be located no closer than two (2) metres from any adjacent property boundary. Windrow Slopes shall generally be flatter than 3:1 (horizontal to vertical) and should generally not exceed 6 metres in height.
- Sediment controls shall be implemented by the Owner's Contractor in localized areas, as warranted, during construction phases, upon the direction of the engineer. Control approaches should be adaptable to reflect variable site conditions and circumstances.
- The Owner's Contractor shall prevent wind blown dust by periodic application of water.
- All substitutions are subject to approval by the Engineer.

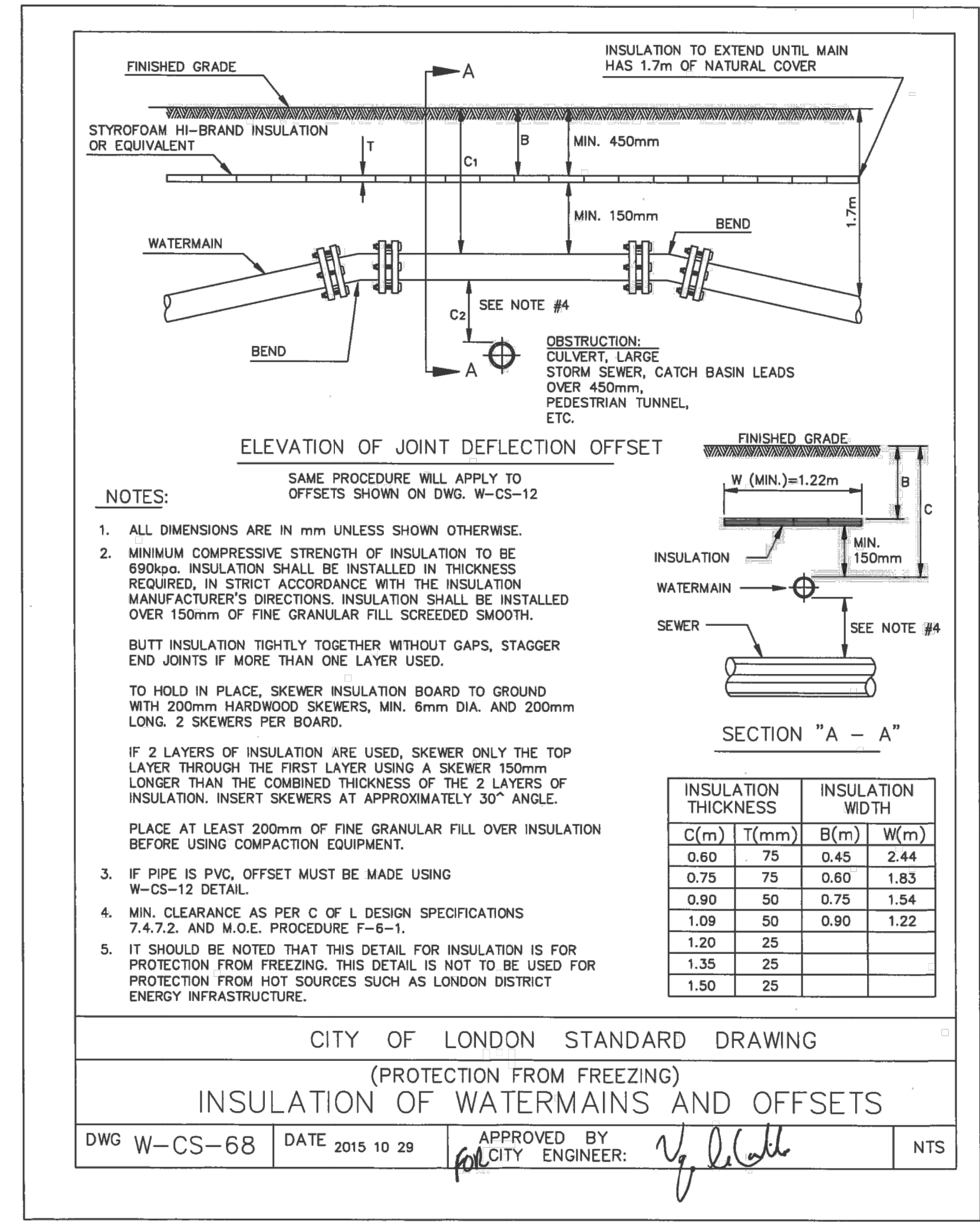
**EARTHWORKS NOTES AND GEOTECHNICAL CONSIDERATIONS**

- For geotechnical information and recommendations respecting construction, refer to geotechnical report prepared by Soil & Materials Engineering INC.
- Refer to Architectural drawing A010 for additional specifications. Refer to specification 31 11 00 for clearing and grubbing, 31 22 19 for topsoil and finish grading, and 32 92 00 for seeding.
- Subgrade preparation:** Prior to placing the granular subbase or trench bedding material, existing topsoil and unsuitable fill material shall be removed from the building envelope, servicing corridors and pavement areas. It is recommended that the subgrade be proof-rolled with a heavy roller to compress the loose surface material. The need for localized subgrade improvement will be assessed by the on-site Geotechnical Engineer based upon encountered conditions. The native sand and silty subsoils may be considered suitable for reuse as backfill material subject to appropriate moisture conditioning. Any soil proposed for reuse should be within 3% of the optimum moisture and subject to approval by the Geotechnical Engineer. The backfill material should not be placed in lifts exceeding 300mm. Subgrade fill material (if required) between competent native subgrade and granular base shall be imported granular or select/approved inorganic native material (except wet sandy silt) compacted to 98% SPMD with acceptable moisture content control to the satisfaction of the Geotechnical Engineer.
- The Owner's Contractor shall be responsible for the excavation of unsuitable fill material above pregrade elevation from within the work zone and the disposal of all such excess material at no extra cost to the contract. A licensed hauler may be required to transport subsoil fill and construction debris from the site to an approved facility in accordance with O.Reg. 511. Testing may be undertaken by the Owner, but all costs associated with offsite disposal shall be borne by the Owner's Contractor.
- Excavation of subsoil and fill material shall be undertaken by the Owner's Contractor to remove cobbles where necessary prior to onsite reuse.
- Excavation into select areas may encounter Type 3 and 4 soils, as classed by the Occupational Health and Safety Act. The Owner's Contractor shall be responsible to manage and control all water (subsurface and surface) during the contract duration, and the measures used to enact such control, including all required permits/approvals (i.e. PITW or EASR) based upon selected control methods, at no extra cost to the contract.
- Where control of groundwater may warrant the need to pump in excess of 50,000 Litres per day based upon selected control methods, the Owner's Contractor shall, at no extra cost to the contract, engage qualified professionals and Subcontractors as necessary to obtain a Permit to Take Water (PTTW) or Environmental Activity and Sector Registry (EASR), where dewatering is less than 400,000 Litres per day under normal conditions from MECP pursuant to sections 34 and 98 of the Ontario Water Resources Act further to full scale pump tests. Construction sequencing and methods will be expected to be undertaken in accordance with the Owner's Contractor's Water Control Plan.
- Suitability of soil or subsoil for reuse as backfill material shall be determined by the Geotechnical Engineer, at no extra cost to the contract. As noted by the geotechnical investigation, blending and moisture conditioning may be warranted to prepare soils to within 3% of optimum moisture content to the satisfaction of the Geotechnical Engineer.
- Where encountered groundwater conditions warrant, select sewer trenches shall be constructed with anti-seepage collars of select suitable subsoil or lean concrete fill to the satisfaction of the Geotechnical Engineer, at no extra cost to the contract.
- Any structural/engineered fill placement shall be constructed by the Owner's Contractor under the full time supervision of the Geotechnical Engineer.
- The decommissioning of groundwater monitoring wells shall be completed by a licensed well Technician pursuant to O.Reg. 903 as amended.

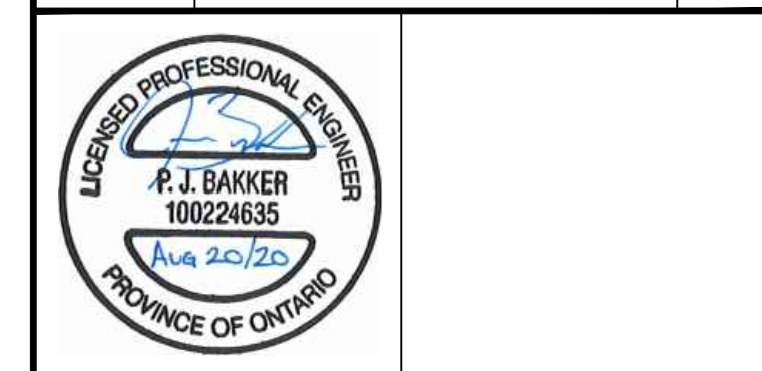
**SEWER (SERVICE) NOTES**

- All sewers and watermains are to be installed in accordance with the minimum requirements of the latest revision of the Ontario Provincial Standard Specifications, the Ontario Building Code and the Municipality of Chatham-Kent.
- Unless specified on the plans, all sewer pipe shall be as follows:
  - Storm sewers 200mm to 450mm dia. with a depth of cover between 1.2m and 4.5m shall be PVC SDR 35 (CSA B182.2) or PVC ribbed (CSA B182.4)
  - Storm sewers 200mm to 450mm dia. with a depth of cover less than 1.2m or greater than 4.5m shall be PVC SDR 35 (CSA B182.2)
  - HDPE is not permissible for use unless specified otherwise
 The Owner's Contractor shall be responsible for protecting the pipe during construction in the event that protective cover depths are not met due to interim conditions.
- Service bedding:** Pipe bedding spec. per bedding detail. (Ref. sheet SE2). Localized base improvement may be required for services bedded in loose, wet or dilutant silty/sandy subsoils, subject to the recommendations of the Geotechnical Engineer. Such improvement could include overexcavation and recompaction or crushed stone bedding wrapped in a geotextile (terrafix 270R or approved equivalent with min. 0.45m overlap) as directed by the Geotechnical Engineer. Any trench water shall be removed when pipe laying is in progress. When B2 bedding is used for concrete pipe bedding, cover and bedding must be wrapped in a geotextile (Terrafix 270R or approved equivalent with min. 0.45m overlap).
- Backfill for service trenches:** Services shall be backfilled with select native material or reclaimed granulars that are, in the opinion of the Geotechnical Engineer, suitable as backfill material and compacted to 95% SPMD. Select natural on-site excavated subsoil can be used as trench backfill, provided the material is within 3 percent of the optimum moisture content. Otherwise, backfill material shall be imported Granular "C" compacted to 95% SPMD. Backfill must be clean and compactable and free from organics and other undesirable contaminants. Service trench backfill material shall be placed in uniform layers not exceeding 300 mm in thickness, loose measurement, for the full width of the trench, and each layer shall be compacted according to OPSS 501 before a subsequent layer is placed. Backfill material shall be placed to a minimum depth of 900 mm above the crown of the pipe before power operated tractors or rolling equipment shall be used for compacting.
- All precast concrete structures shall be bedded and backfilled with OPSS granular 'A' material compacted to 98% SPMD, unless geotechnical conditions warrant otherwise.
- All precast storm and sanitary sewer manholes shall be constructed in accordance with the current Ontario Provincial Standards. Catchbasin manholes (CBMH) shall typically be 1200mm inside diameter precast concrete with 600mm square standard catchbasin frames and grates and 600mm sumps below the lowest invert unless otherwise noted on the plans. Catchbasins shall be 600mm square precast concrete with 600mm standard catchbasin frames and grates (OPSD) and 600mm sumps below the lowest invert.
- Where adjacent manholes are located in close proximity to one another, the area between the adjacent manholes shall be backfilled in accordance with the specifications in the following table:
 

Distance between Adjacent Manholes	Material
0.60m or less	concrete or crushed stone granular material
0.60m to 2.4m	approved native material
more than 2.4m	approved native material
- The above noted backfill shall be compacted to the standard Proctor density specified in the soils report, or as approved by the Municipal Engineer.
- Perforated HDPE tubing (pressure class 210 kPa) with filter sock may be used for subdrains beneath landscaped areas. All exposed subdrain outlets (i.e. not protected by precast structure) shall be protected with rodent grates, appropriately sized and grouted CSP outlet sleeves (OPSD 206.050) and rip rap protection (OPSD 810.010).
- No connection of weeping tiles will be allowed to the sanitary sewer system. No gravity connection of weeping tiles to the storm sewer will be allowed unless the system has the capacity.
- The Owner's Contractor is responsible for:
  - connecting any existing sewer or drain encountered during construction to a new sewer or into another existing sewer;
  - ensuring that there is no interruption of any surface or subsurface drainage flow that would adversely affect neighbouring properties or the safety of the construction site.
- The Owner's Contractor shall construct temporary measures to control silt entering the storm drainage system. These measures are to remain in place until construction has been completed all to the specifications of the City Engineer. Geotextile and straw bale filters shall be installed around all existing and new CB's and CBMH's immediately upon installation in accordance with the detail. Straw bales are to remain in place until paving and/or sodding is complete.
- The structural design of sewers is based upon the transition width unless otherwise noted.
- All work shall be done in accordance with the minimum standards and specifications of the Municipality of Chatham-Kent including proper finishing off and parging of pipes in manholes and catchbasins and proper benching and manhole steps. Upon completion of sewer works, the Owner's Contractor is responsible for flushing and cleaning the sewers, manholes, catchbasin manholes and catchbasins and for successfully pulling a "PIG" mandrel through the flexible sewer pipes. The Owner's Contractor shall undertake suitable mandrel tests for installed flexible sewer pipes in accordance with OPSS 410, and full video inspection of all sewers per OPSS 409 to the satisfaction of the Engineer.
- All sewers and watermains are to be installed in accordance with the minimum requirements of the latest revision of the Ontario Provincial Standard Specifications and the Municipality of Chatham-Kent Engineering Department. The Engineer will conduct periodic inspections to ensure that the proper standards are being met.
- Any proposed substitutions are subject to approval by the Engineer.



DATE	DESCRIPTION	No.
08/20/2020	ISSUED FOR TENDER	1



PROJECT TITLE:  
**CHRIST THE KING CATHOLIC SCHOOL SITE IMPROVEMENTS**

DRAWING TITLE:  
**NOTES AND DETAILS**

DATE PLOTTED:	DRAWN:	DRAWING No.
08/20/2020	RP	<b>SE4</b>
SCALE:	CHECKED:	
1:400	PJBJURS	
PROJECT No.	DEL19-061	

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