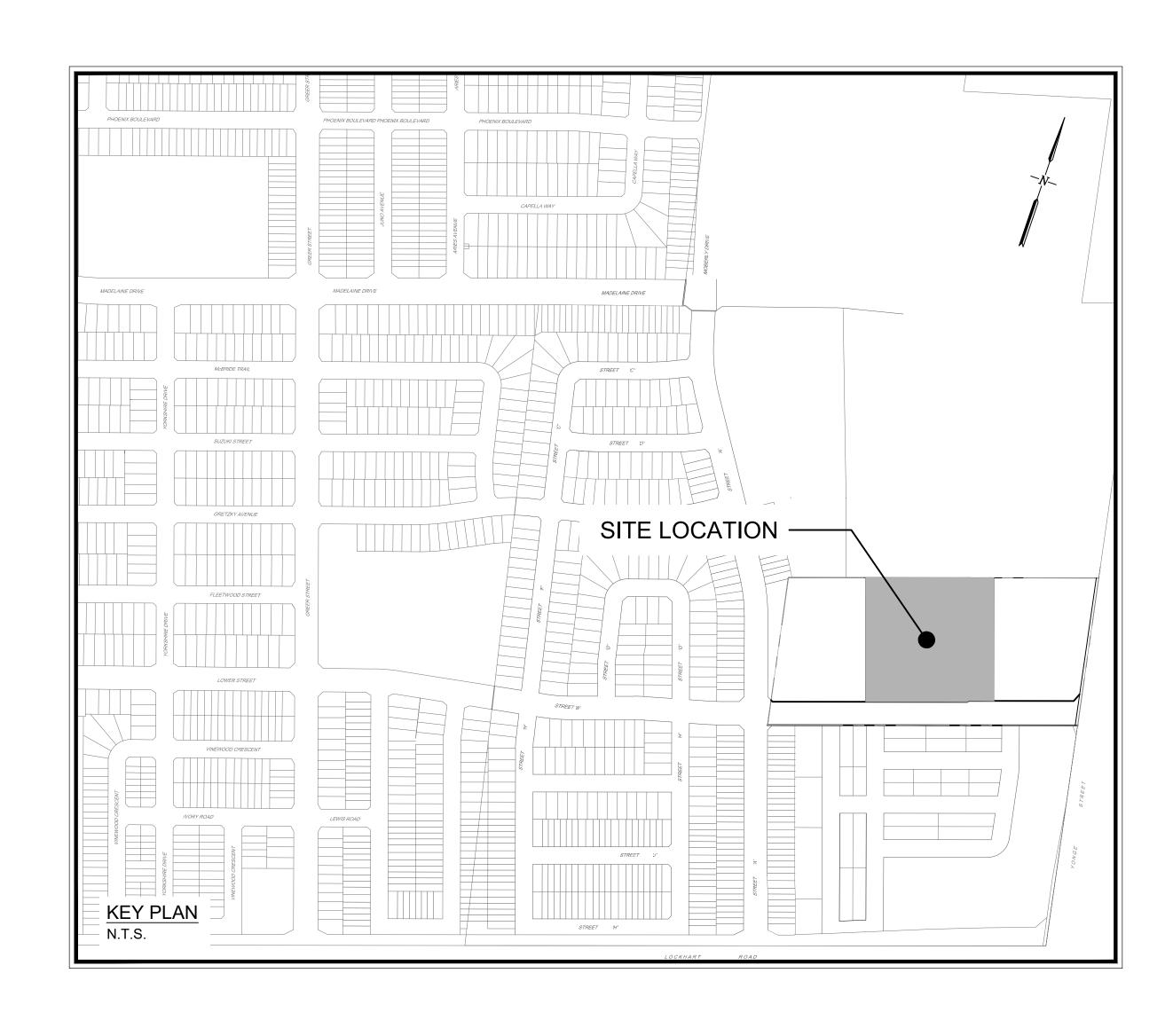
CROWN (BARRIE) DEVELOPMENTS INC.

1012 YONGE STREET

CROWN (BARRIE) DEVELOPMENTS IN 400 CREDITSTONE ROAD, UNIT 37 CONCORD, ON L4K 3Z3



R.J. Burnside & Associates Limited 128 Wellington St. W., Suite 301 Barrie, Ontario, L4N 8J6 telephone 1-800-265-9662 web www.rjburnside.com

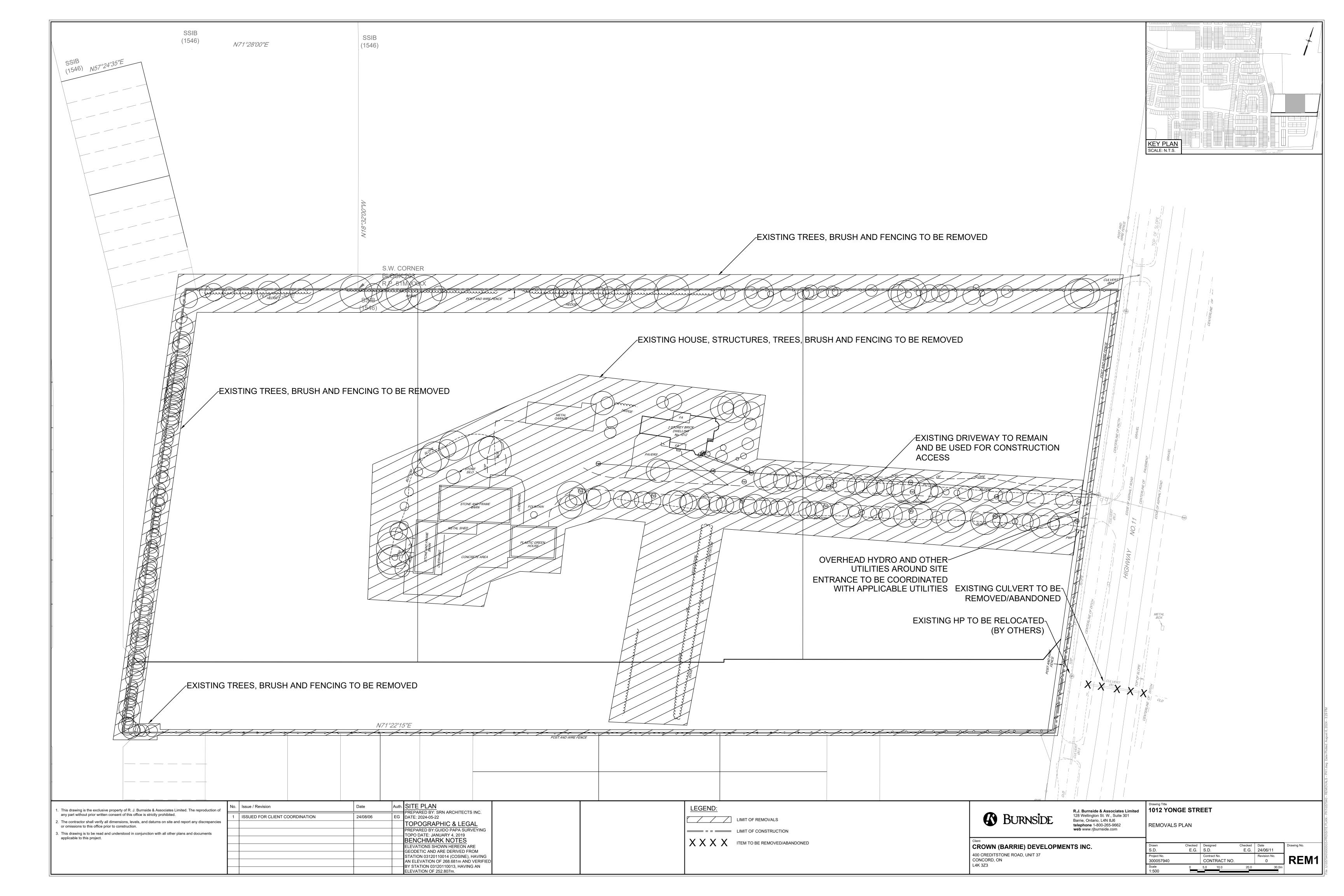


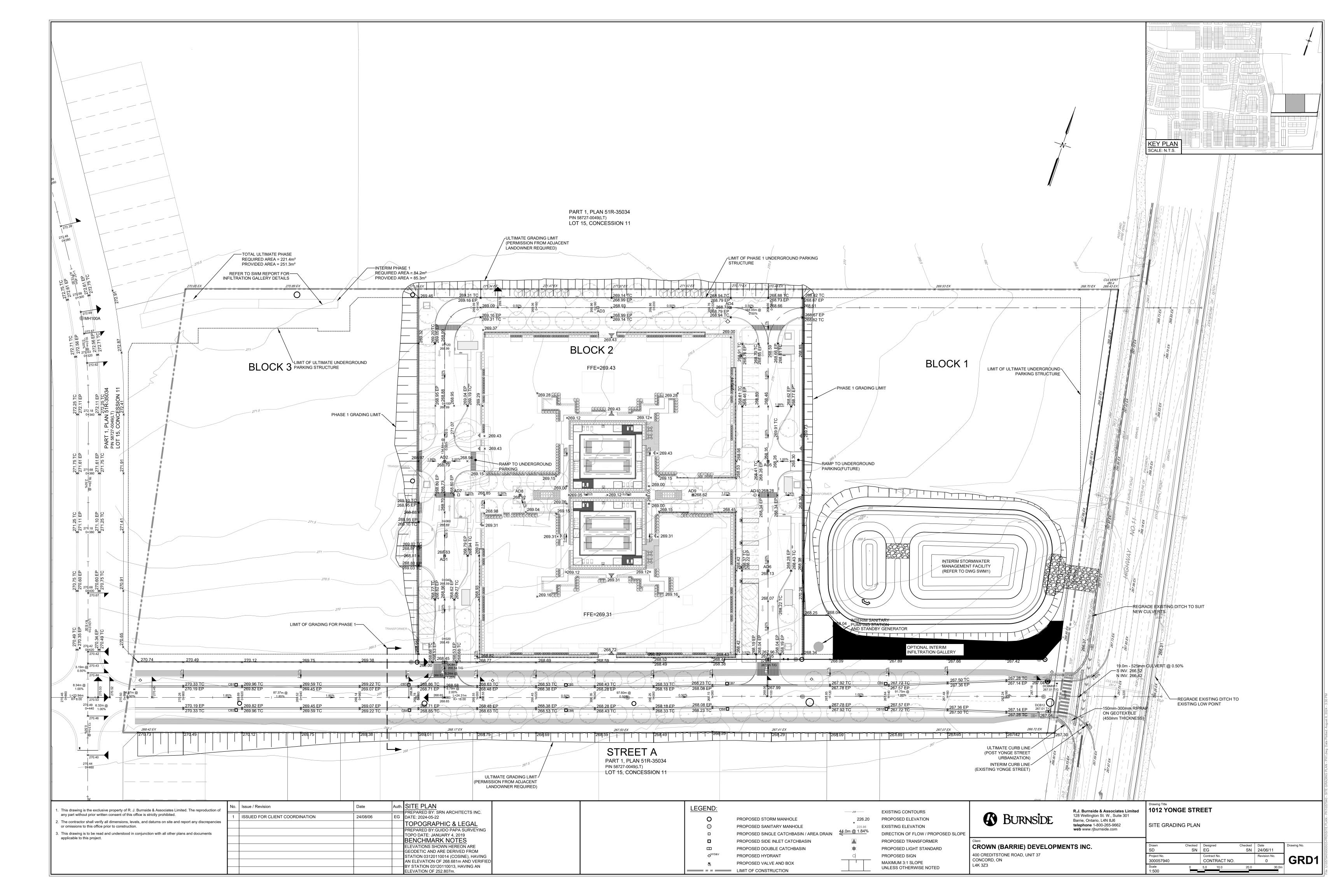
RAWING INDEX

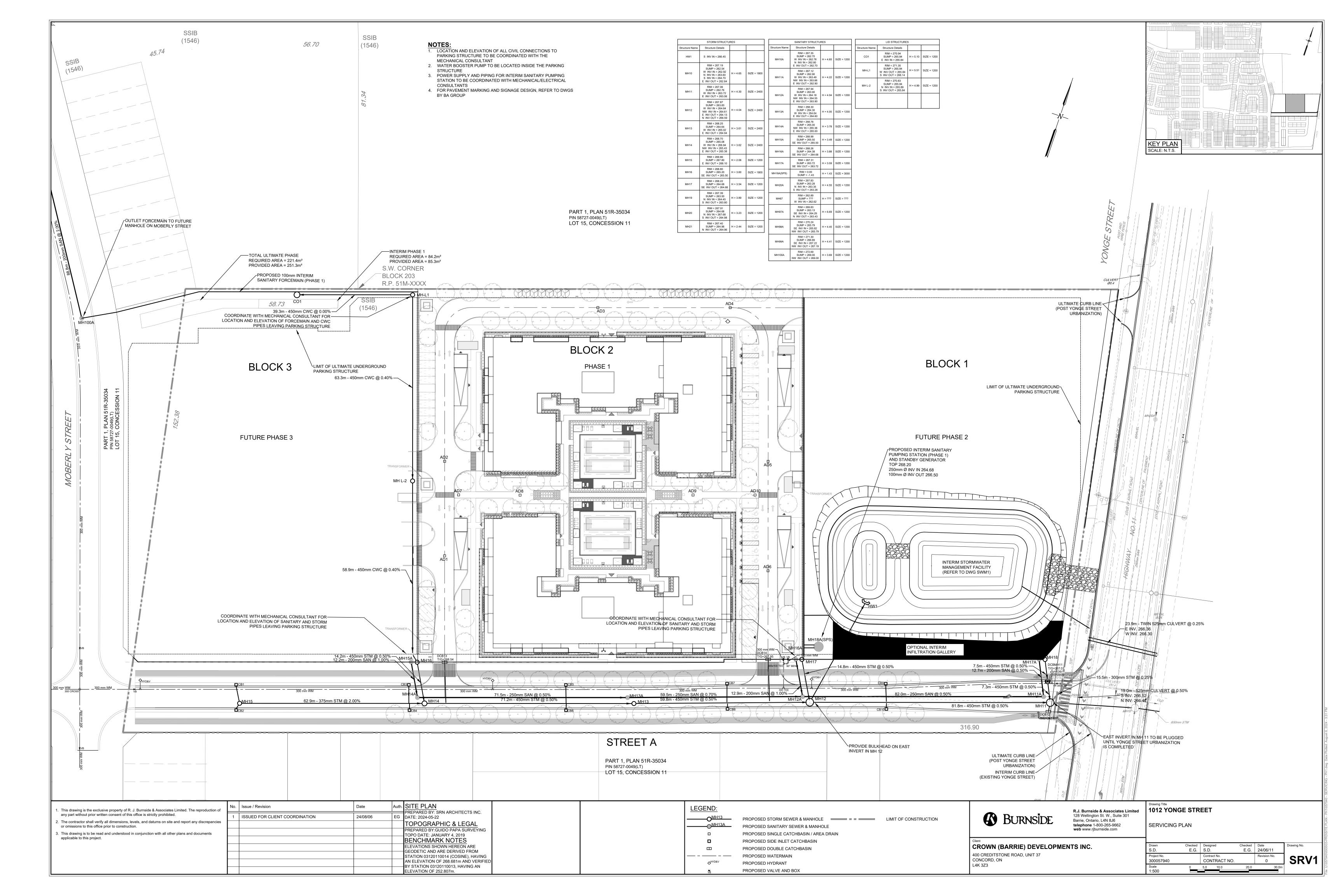
SHEET NUMBER
REM1 REMOVALS PLAN
GRD1 SITE GRADING PLAN
SRV1 SERVICING PLAN
SWM1 INTERIM POND PLAN
SWM2 INTERIM POND DETAILS
ESC1 EROSION AND SEDIMENT CONTROL
ESC2 EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

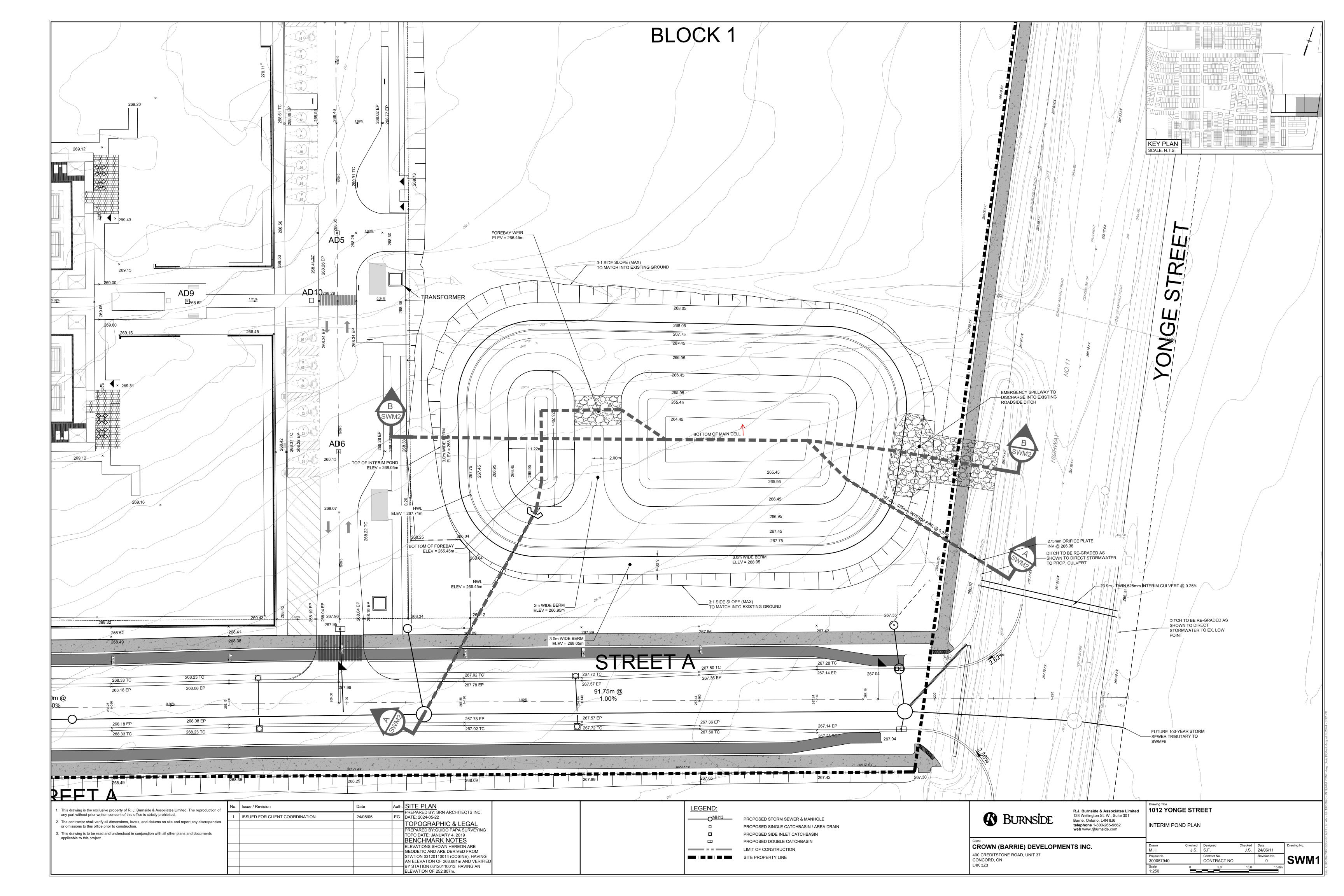
Burnside Project No. 300057940

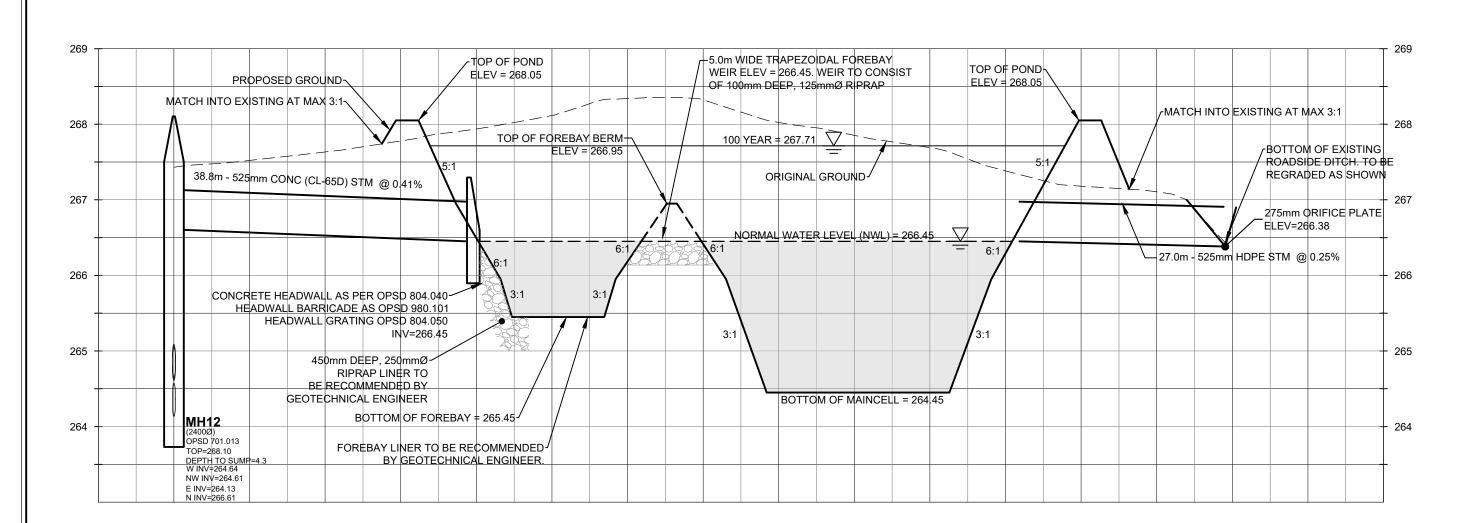
ISSUED FOR CLIENT COORDINATION - 24/08/06



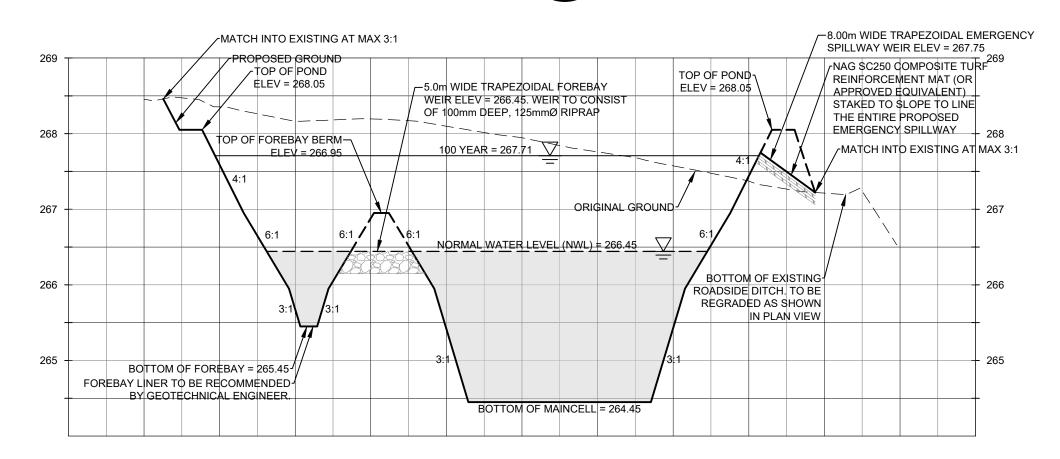




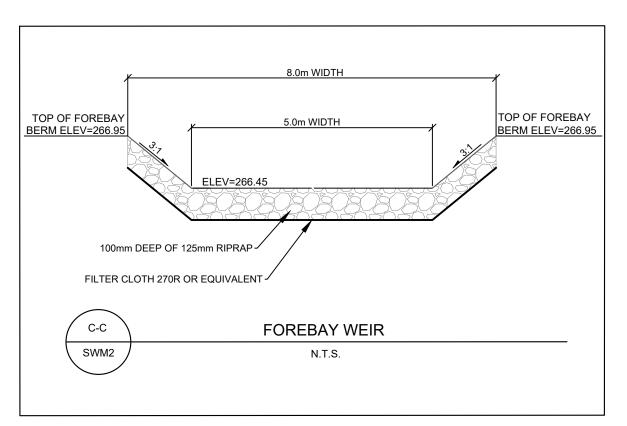


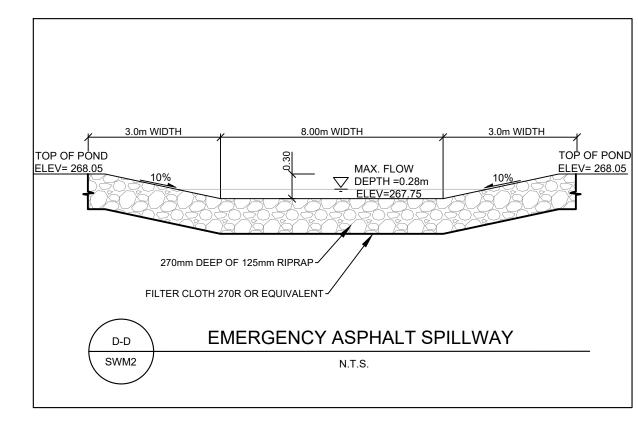






SWMF SECTION SWM2 SCALE 1:500H 1:50V





- ALL TOPSOIL TO MEET THE CITY OF BARRIE STANDARDS
 BERM SLOPES TO BE FINISHED WITH A 450mm DEPTH OF TOPSOIL
- EXTENDING 1m INTO THE POND..
- 3. THE BOTTOM OF THE MAINCELL OF POND TO HAVE A MINIMUM DEPTH OF TOPSOIL OF 200mm.
- 4. REFER TO LANDSCAPING DRAWING FOR SEEDING AND PLANTING NOTES

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any part without prior written consent of this office is strictly prohibited.	1 ISSUED FOR CLIENT COORDINATION	24/08/06	PREPARED BY: SRN ARCHITECTS INC. EG DATE: 2024-05-22
The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies or omissions to this office prior to construction.			TOPOGRAPHIC & LEGAL

PREPARED BY:GUIDO PAPA SURVEYING
TOPO DATE: JANUARY 4, 2019 3. This drawing is to be read and understood in conjunction with all other plans and documents BENCHMARK NOTES EVATIONS SHOWN HEREON ARE GEODETIC AND ARE DERIVED FROM STATION 03120110014 (COSINE), HAVING AN ELEVATION OF 268.681m AND VERIFIED BY STATION 03120110013, HAVING AN ELEVATION OF 252.807m.

applicable to this project.

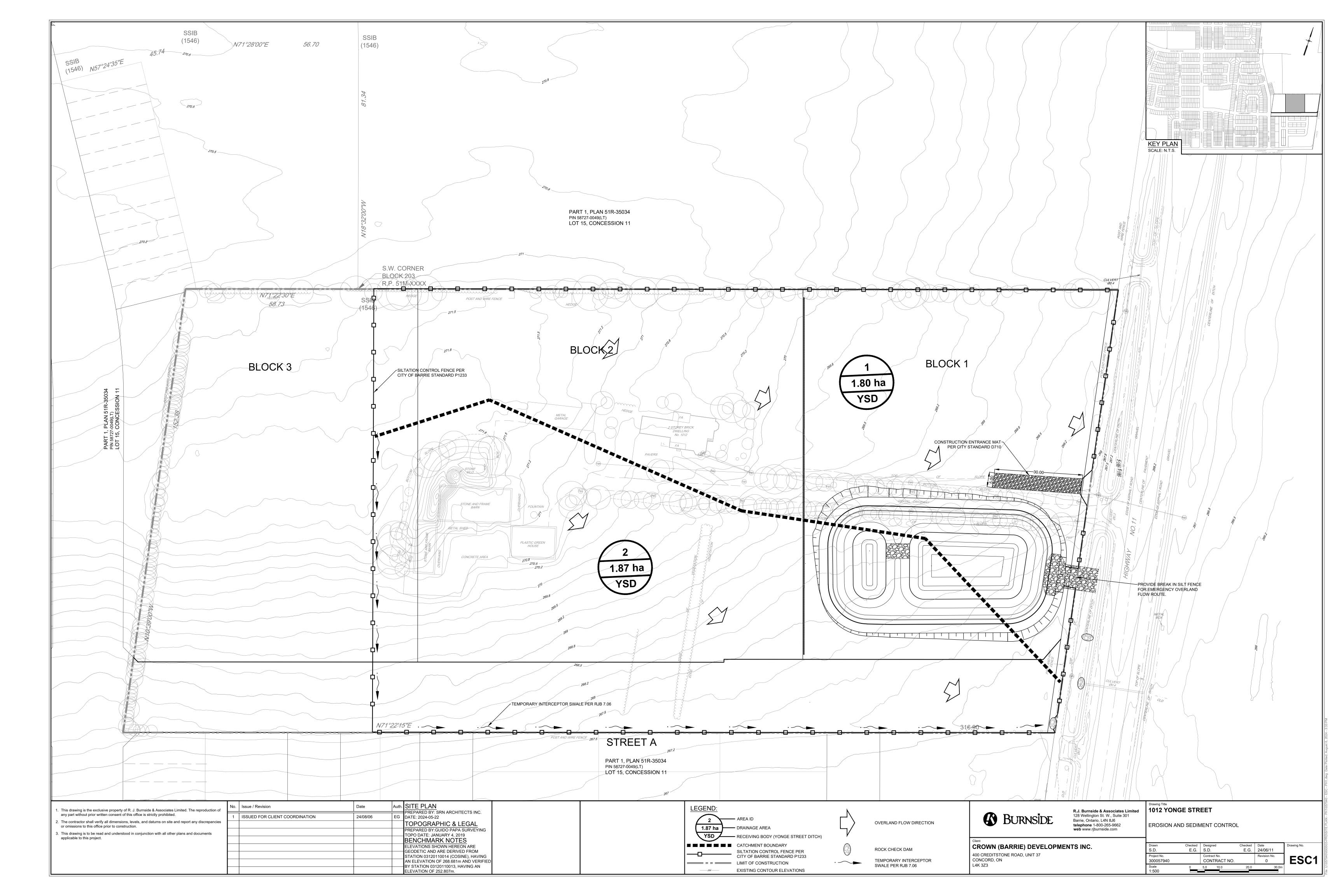
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1012 YONGE STREET INTERIM POND DETAILS

CROWN (BARRIE) DEVELOPMENTS INC. 400 CREDITSTONE ROAD, UNIT 37 CONCORD, ON L4K 3Z3

					_
Drawn	Checked	Designed	Checked	Date	Drawing No.
M.H.	J.S	S.F.	J.S	24/06/11	
Project No.		Contract No.		Revision No.	014/84
300057940		CONTRACT NO.		0	SWM
Scale		_		_	



CONSTRUCTION SCHEDULE 2024/2025

TOPSOIL STRIPPING, TEMPORARY SEDIMENT BASIN CONSTRUCTION AND BULK EARTHWORKS - 2024

- 2. ALL PERIMETER SILT FENCE AS PER DRAWING C901 TO BE INSPECTED AND MAINTAINED. 3. TOPSOIL STRIPPING IS ONLY TO OCCUR TO THE TOPSOIL STRIPPING BOUNDARY AS SHOWN ON DRAWING
- 4. TOPSOIL STRIPPING TO BE MINIMIZED TO FACILITATE THE CONSTRUCTION OF SEDIMENT BASIN C ONCE
- AREA IS CONSTRUCTED AND COMPLETELY FUNCTIONING BULK TOPSOIL STRIPPING CAN COMMENCE.
- 5. TOPSOIL STRIPPING TO BE COMPLETED WITHIN THE DEVELOPMENT AREA. 6. TOPSOIL TO BE STOCKPILED AS DIRECTED ON SITE FROM OWNER AND CONSULTANT.
- 7. TOPSOIL PILES TO BE STABILIZED WITH HYDROSEED WITHIN 48 HOURS OF STOCKPILE COMPLETION AND SEDIMENT FENCING IS TO BE INSTALLED AROUND THE PERIMETER OF EACH PILE. 8. BULK EARTHWORKS, INCLUDING CUT-TO-FILL OPERATIONS TO BE COMPLETE PER DRAWINGS C901.
- 9. SEDIMENT BASINS ARE TO REMAIN AND BE MAINTAINED UNTIL NO LONGER REQUIRED UNDER FUTURE SERVICING AND ROAD WORKS CONTRACT. 10. ALL ESC MEASURES TO BE MONITORED TO ENSURE THEY ARE FUNCTIONING PROPERLY.
- 1. CONSTRUCTION ACCESS TO REMAIN FROM EXISTING SUBDIVISION VIA TEMPORARY ACCESS ROAD AND MUD 1. SEED APPLICATION IS TO FOLLOW TOPSOIL STRIPPING IF AREA IS TO BE LEFT FOR 30 DAYS PRIOR TO FARTHWORKS OPERATION
 - SEED TO BE APPLIED AFTER COMPLETION OF BULK EARTHWORKS. ALL SLOPES, EXCAVATIONS AND HIGH EROSION, SEDIMENT MIGRATION AREAS TO BE STABILIZED WITHIN 48 HOURS OF COMPLETION OF WORKS. ADDITIONAL SEEDING TO BE PROVIDED IN AREAS THAT ARE TO BE LEFT DISTURBED FOR GREATER THAN 30 DAYS
 - 3. APPROVED CITY OF BARRIE HYDROSEED MIX
 - HYDROSEED WITH FIBRETAC AT 100 kg/ha

SEED MIXTURE

48% ANNUAL RYE GRASS 48% FALL RYE 4% RED CLOVER

CONSTRUCTION NOTES

- 1. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED.
- 2. SEDIMENT BASIN OUTLETS TO REMAIN IN PLACE UNTIL ULTIMATE POND OUTLET IS
- 3. BLADE CUT SWALES ARE TO BE CHECKED REGULARLY FOR EROSION. ADDITIONAL ROCK CHECK DAMS MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER.
- 4. ALL DISTURBED GROUND LEFT INACTIVE FOR MORE THEN 30 DAYS SHALL BE STABILIZED BY SEEDING, SODDING, MULCHING, OR COVERING OF OTHER EQUIVALENT CONTROL MEASURES.
- 5. THE CONTRACTOR SHALL CONSTRUCT ANY ADDITIONAL SWALES THAT MAY BE NECESSARY TO DIRECT RUNOFF TO EX. OUTLET.
- 10. EROSION CONTROLS TO BE MAINTAINED AS DIRECTED BY THE ENGINEER DURING THE
- 11. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSPECTED, CLEANED AND MAINTAINED BY THE CONTRACTOR AFTER FACH STORM EVENT. FROSION AND SEDIMENTATION CONTROL DEVICES MUST BE INSPECTED ON A REGULAR BASIS AND AFTER EVERY RAINFALL EVENT. EACH MUST BE MAINTAINED AND REPAIRED IN A TIMELY MANNER TO PREVENT SEDIMENT FROM LEAVING THE SITE.
- 12. ALL CONSTRUCTION VEHICLES THAT ACCESS THE SITE ARE TO USE THE DESIGNED CONSTRUCTION ENTRANCE FROM THE EXISTING DEVELOPMENT TO THE NORTH.
- 13. STOCKPILE LOCATIONS ARE TO BE APPROVED BY THE ENGINEER
- 14. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE REMOVED BY THE CONTRACTOR ONCE GROUND COVER IS ESTABLISHED AND LANDSCAPING IS COMPLETE AND IS APPROVED BY
- 15. ALL DISTURBED AREAS THAT HAVE BEEN STRIPPED OF TOPSOIL SHALL BE STABILIZED BY SEEDING, SODDING, MULCHING, OR OTHER ACCEPTABLE CONTROL MEASURES. THE PERIOD OF TIME OF INACTIVITY SHALL NOT EXCEED THIRTY(30) DAYS UNLESS OTHERWISE PERMITTED BY THE DIRECTOR OF ENVIRONMENTAL SERVICES.
- 16. ALL WASTE AND UNUSED CONSTRUCTION MATERIALS (INCLUDING GARBAGE, CLEANING WASTES, WASTEWATER OR ANY HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO BE MIXED WITH SOIL AND CARRIED BY RUNOFF FROM THE SITE INTO A RECEIVING WATERCOURSE OR STORM SEWER SYSTEM.

CONTINGENCY NOTES

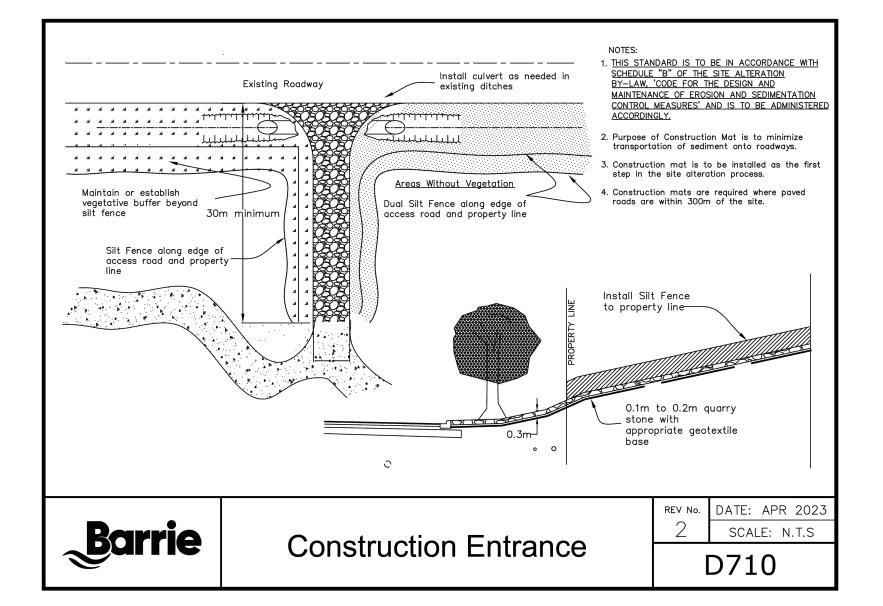
- IF UNFORESEEN EVENTS CAUSE THE STRATEGIES SET OUT IN THIS PLAN TO BE INSUFFICIENT OR INAPPROPRIATE TO MEET THE OBJECTIVE. THE CONTRACTOR IS EXPECTED TO RESPOND IN A TIMELY MANNER WITH ALL REASONABLE MEASURES CONSISTENT WITH SAFETY, TO PREVENT, COUNTERACT OR REMEDY DOWNSTREAM SEDIMENTATION AND EROSION.
- 2. IF A SPILL OCCURS IT SHALL BE REPORTED TO THE MINISTRY OF THE ENVIRONMENT. CONSERVATION AND PARKS, AND THE MINISTRY OF NATURAL RESOURCES. THE ON CALL CITY OF BARRIE ENVIRONMENTAL OFFICER SHOULD ALSO BE NOTIFIED VIA PAGER
- 3. IF APPROVAL AGENCIES DETERMINE THAT LONG TERM DAMAGE TO THE NATURAL ENVIRONMENT HAS OCCURRED DUE TO FAILURE OF THIS PLAN TO CONTROL SEDIMENTS, A RESTORATION PLAN WILL BE DEVELOPED BY THE CONTRACTOR IN CONSULTATION WITH, AND APPROVAL FROM, THE AGENCIES FOR IMPLEMENTATION BY THE CONTRACTOR.

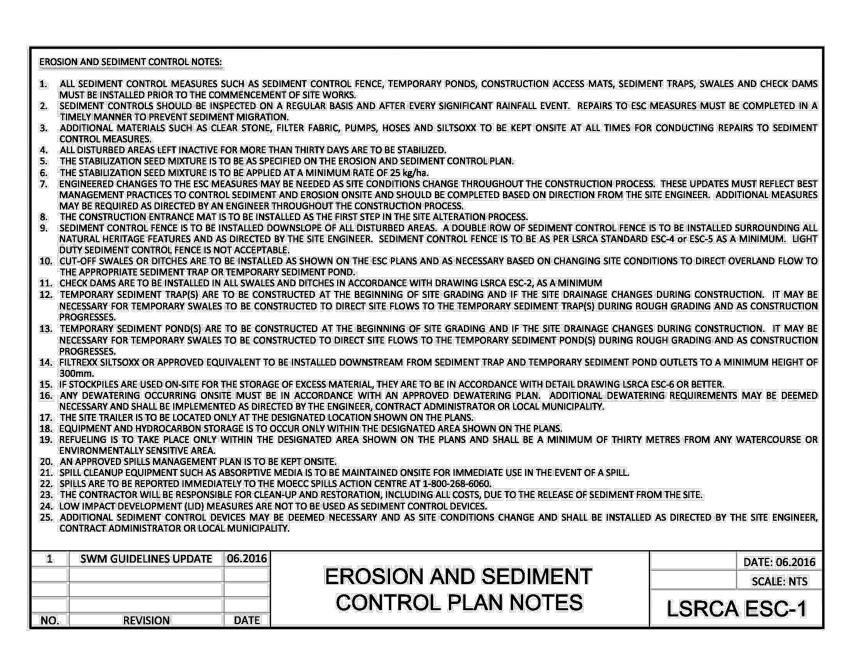
1. ALL PERMIT HOLDERS SHALL:

- (1.1) NOTIFY THE DIRECTOR OF ENGINEERING WITHIN 48 HOURS PRIOR TO ANY SITE ALTERATION ACTIVITY;
- (1,2) NOTIFY ALL RESIDENTS, WITHIN A 500 METER RADIUS OF THE SITE, THREE (3) WEEKS BEFORE THE COMMENCEMENT OF SITE ALTERATION;
- (1.3) NOTIFY THE DIRECTOR OF ENGINEERING OF THE COMPLETION OF ANY EROSION
- AND SEDIMENT CONTROL MEASURES, WITHIN 48 HRS AFTER INSTALLATION; (1.4) NOTIFY THE DIRECTOR OF ENGINEERING OF THE REMOVAL OF ANY EROSION AND
- SEDIMENT CONTROL MEASURES. WITHIN A 48 HRS AFTER DECOMMISSIONING: (1.5) OBTAIN PERMISSION IN WRITING FROM THE DIRECTOR OF ENGINEERING PRIOR TO
- MODIFYING THE SITE ALTERATION PLAN; (1.6) INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES, AS IDENTIFIED IN THE
- APPROVED SITE ALTERATION PLAN PRIOR TO SOIL STRIPPING (1.7) MAINTAIN ALL ROAD DRAINAGE SYSTEMS, STORMWATER DRAINAGE SYSTEMS,
- CONTROL MEASURED AND OTHER FACILITIES IDENTIFIED IN THE APPROVED SITE
- (1.8) REPAIR ANY EROSION OR SEDIMENTATION DAMAGE TO ADJOINING SURFACES AND WATERCOURSES RESULTING FROM SITE ALTERATION ACTIVITIES;
- (1.9) INSPECT THE EROSION AND SEDIMENT CONTROL MEASURES AT LEAST ONCE PER WEEK AND AFTER EACH RAINFALL AND PROVIDE WRITTEN INSPECTION REPORTS TO THE CITY. COMPLETE ANY REPAIRS WITHIN 48 HOURS TO THE SATISFACTION OF THE DIRECTOR OF ENVIRONMENTAL SERVICES:
- (1.10) ALLOW EMPLOYEES OF THE CITY AND/OR ANY OTHER PERSON(S) WORKING ON BEHALF OF THE CITY, TO ENTER THE SITE FOR THE PURPOSES OF INSPECTING FOR COMPLIANCE WITH THE APPROVED SITE ALTERATION PLAN OR FOR PERFORMING ANY WORK NECESSARY TOP BRING THE SITE INTO COMPLIANCE WITH THE APPROVED SITE ALTERATION PLAN;
- (1.11) MAINTAIN A CURRENT COPY OF THE APPROVED SITE ALTERATION PLAN AND PERMIT ON THE SITE, AS WELL AS, COPIES OF ALL INSPECTION REPORTS, AT ALL TIMES;
- (1.12) BE RESPONSIBLE FOR THE ACTIVITIES OF AGENTS, SERVANTS, EMPLOYEES, CONTRACTORS AND SUBCONTRACTORS WHO MAY CREATE A SITUATION OF NON-COMPLIANCE OF THE PERMIT
- (1.13) CONSTRUCT ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES, NOT IDENTIFIED IN THE SITE ALTERATION PLAN, AS DEEMED NECESSARY BY THE DIRECTOR OF ENVIRONMENTAL SERVICES TO ENSURE NO EROSION AND SEDIMENT DAMAGE TO THE ADJACENT SITES: AND
- (1.14) NOT REMOVE TREES OR OTHER VEGETATION DESIGNED AS ENVIRONMENTALLY SIGNIFICANT OR OTHERWISE TO BE PROTECTED UNLESS PERMISSION IS OBTAINED
- 2. THE CITY MAY:
- (2.1) INSPECT THE SITE PERIODICALLY TO ENSURE COMPLIANCE WITH THE BY-LAW, PARTICULARLY THE SITE ALTERATION PLAN, THAT WAS APPROVED AS PART OF THE
- (2.2) UPON FAILURE BY PERMIT HOLDER TO COMPLETE ALL OR PART OF THE WORKS IN THÉ TIME STIPULATED IN THE APPROVED SITE ALTERATION PLAN, DRAW THE APPROPRIATE AMOUNT FROM THE SECURITIES DEPOSITED AND USE FUNDS TO ARRANGE FOR THE COMPLETION OF THE SAID WORKS, OR ANY PART THEREOF;
- DECOMMISSION A SPECIFIC EROSION AND SEDIMENT CONTROL AS REQUESTED BY THE CITY, AND IN THE TIME REQUESTED, AUTHORIZED THE USE OF ALL OR PART OF THE SECURITIES TO PAY FOR THE ASSOCIATED COSTS INCURRED, AT THE DIRECTOR OF ENGINEERING'S DISCRETION AS DEEMED NECESSARY AT ANY TIME; OR
- (2.4) IN THE CASE OF EMERGENCY REPAIRS OR CLEAN-UP, UNDERTAKE THE NECESSARY WORKS AT THE EXPENSE OF THE PERMIT HOLDER AND REIMBURSE ITSELF OUT OF SECURITIES POSTED BY THE PERMIT HOLDER; AND

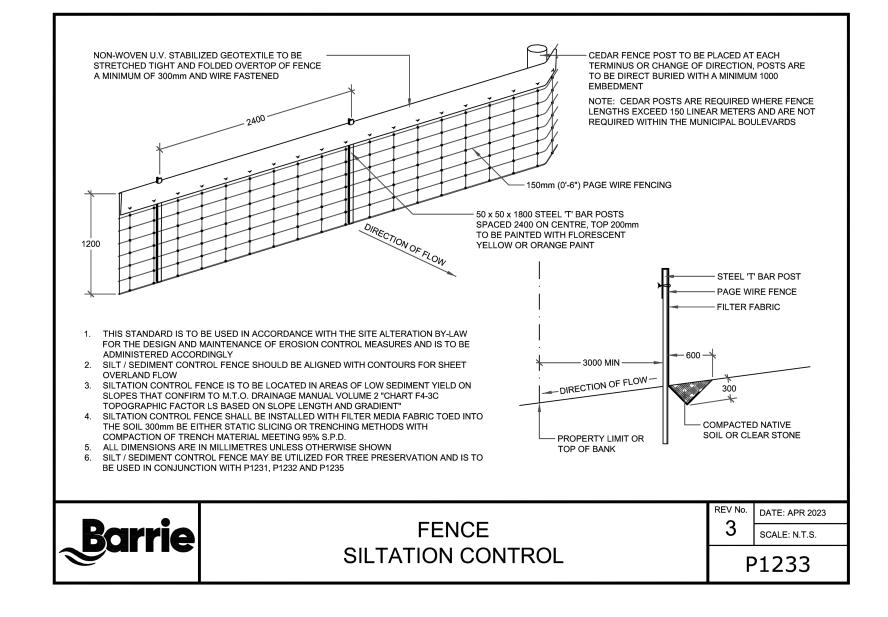
(2.3) UPON FAILURE BY THE PERMIT HOLDER TO INSTALL, REPAIR, MAINTAIN OR

(2.5) INFORM THE APPLICATION, WHERE NECESSARY, THAT ADDITIONAL INFORMATION IS REQUIRED TO ENSURE THAT EROSION AND SEDIMENT DAMAGE DOES NOT OCCUR TO ADJACENT SITES FROM THE ACTIVITIES ON THE SITE.





LEGEND:



5.0m MIN. 0.5m MIN.	1 3
TEMPORARY INTERCEPTOR SWALE c/w 3:1 SIDE SLOPES	& BURNS I DE
N.T.S.	

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No.	Issue / Revision	Date	Auth.	SITE PLAN PREPARED BY: SRN ARCHITECTS INC.
1	ISSUED FOR CLIENT COORDINATION	24/08/06	EG	DATE: 2024-05-22
				TOPOGRAPHIC & LEGAL
				PREPARED BY:GUIDO PAPA SURVEYING TOPO DATE: JANUARY 4. 2019
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BURNSIDE

L4K 3Z3

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web www.rjburnside.com

1012 YONGE STREET

300057940

AS NOTED

CONTRACT NO.

CROWN (BARRIE) DEVELOPMENTS INC. 400 CREDITSTONE ROAD, UNIT 37 CONCORD, ON

EROSION AND SEDIMENT CONTROL NOTES AND DETAILS E.G. 24/06/11 E.G. S.D.