

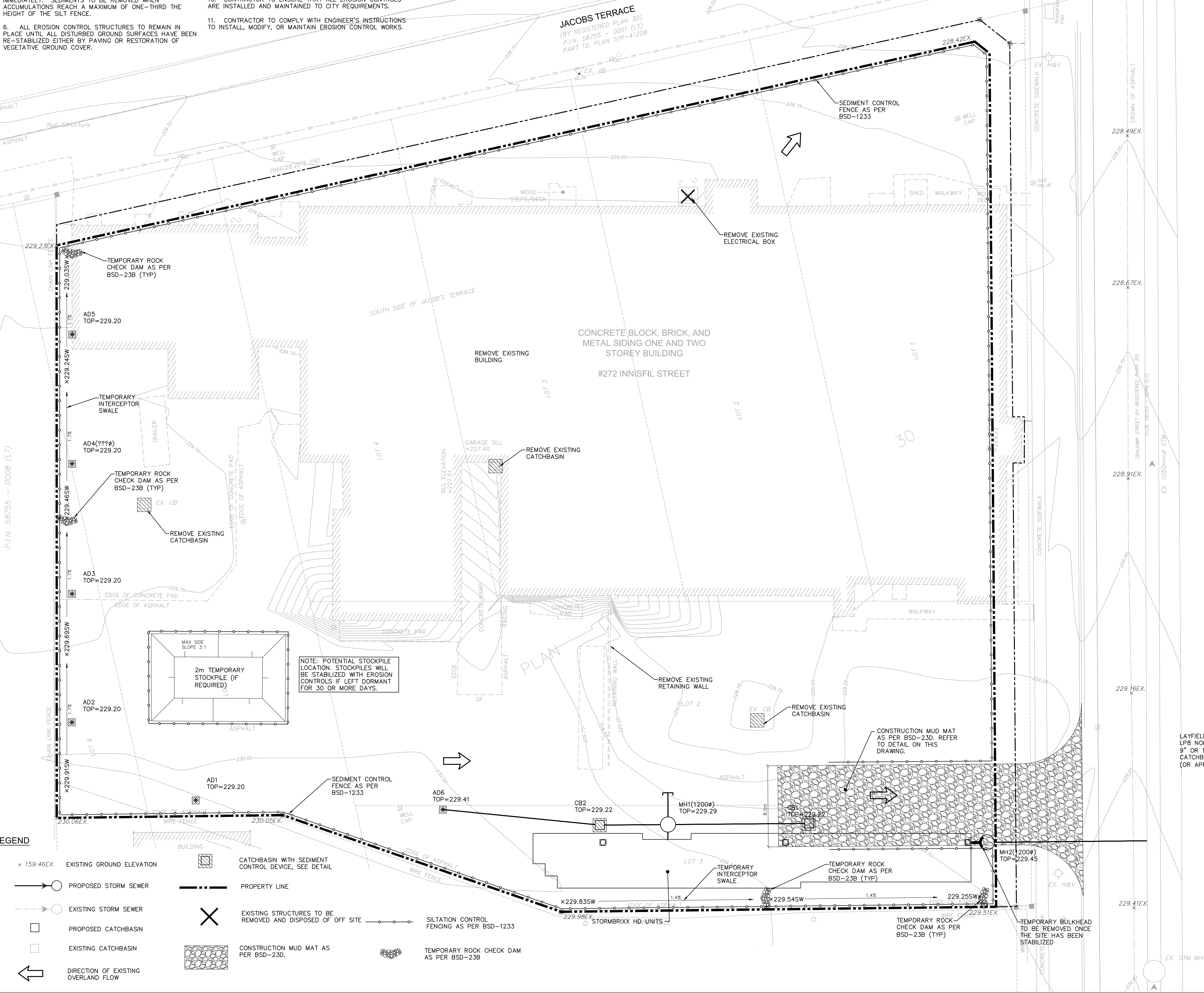
ESC NOTES:

1. ALL SILT FENCING TO BE INSTALLED PRIOR TO COMMENCEMENT OF ANY AREA GRADING, EXCAVATING, OR DEMOLITION.
2. SILT FENCING TO BE PLACED AROUND THE BASE OF ALL STOCKPILES. ALL STOCKPILES TO BE KEPT A MINIMUM OF 2.5m FROM ALL PROPERTY LINES.
3. EROSION PROTECTION TO BE PROVIDED AROUND ALL STORM AND SANITARY MANHOLES AND/OR CATCHBASINS AS PER DETAILS ON THIS DRAWING.
4. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE DEVELOPMENT PROGRESSES. CONTRACTOR TO PROVIDE ALL ADDITIONAL EROSION CONTROL STRUCTURES.
5. EROSION CONTROL STRUCTURES TO BE MONITORED REGULARLY BY CONTRACTOR AND ANY DAMAGE REPAIRED IMMEDIATELY. SEDIMENTS TO BE REMOVED WHEN ACCUMULATIONS REACH A MAXIMUM OF ONE-THIRD THE HEIGHT OF THE SILT FENCE.
6. ALL EROSION CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN RE-STABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.
7. NO ALTERNATIVE METHODS OF EROSION CONTROL PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY ENGINEER AND CITY STAFF.
8. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SEDIMENTS FROM THE MUNICIPAL ROADWAY AND SIDEWALKS AT THE END OF EACH WORK DAY.
9. MUD MATS TO BE PROVIDED ON SITE AT ALL LOCATIONS WHERE CONSTRUCTION VEHICLES EXIT THE SITE. MUD MATS SHALL BE A MINIMUM OF 8m WIDE, 30m LONG AND 0.30m DEEP AND SHALL CONSIST OF 200mm CLEAR STONE MATERIAL OR APPROVED EQUIVALENT. CONTRACTOR TO ENSURE ALL VEHICLES LEAVE THE SITE VIA THE MUD MAT AND THAT THE MAT IS MAINTAINED IN A MANNER TO MAXIMIZE ITS EFFECTIVENESS AT ALL TIMES.
10. CONTRACTOR TO ENSURE THAT ALL EROSION CONTROLS ARE INSTALLED AND MAINTAINED TO CITY REQUIREMENTS.
11. CONTRACTOR TO COMPLY WITH ENGINEER'S INSTRUCTIONS TO INSTALL, MODIFY, OR MAINTAIN EROSION CONTROL WORKS.

12. IF, FOR UNFORESEEN REASONS, THE OWNER AND HIS/HER REPRESENTATIVE MUST ENCR OACH ONTO PRIVATE LANDS TO UNDERTAKE ANY WORKS, HE/SHE MUST OBTAIN WRITTEN PERMISSION FROM THE ADJACENT PROPERTY OWNERS PRIOR TO ENTERING UPON THE PRIVATE PROPERTY TO PERFORM ANY WORKS. COPIES OF THESE LETTERS OF CONSENT MUST BE SUBMITTED TO CITY OF ORILLIA PRIOR TO ANY WORK BEING PERFORMED. FAILURE TO COMPLY WITH THE ABOVE IS AT THE PROPERTY OWNERS OWN RISK.
13. THIS PLAN TO BE READ IN CONJUNCTION WITH THE SERVING PLAN, GRADING PLAN, LANDSCAPING PLAN AND THE STORMWATER MANAGEMENT REPORT.

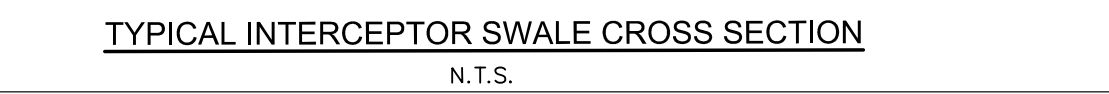
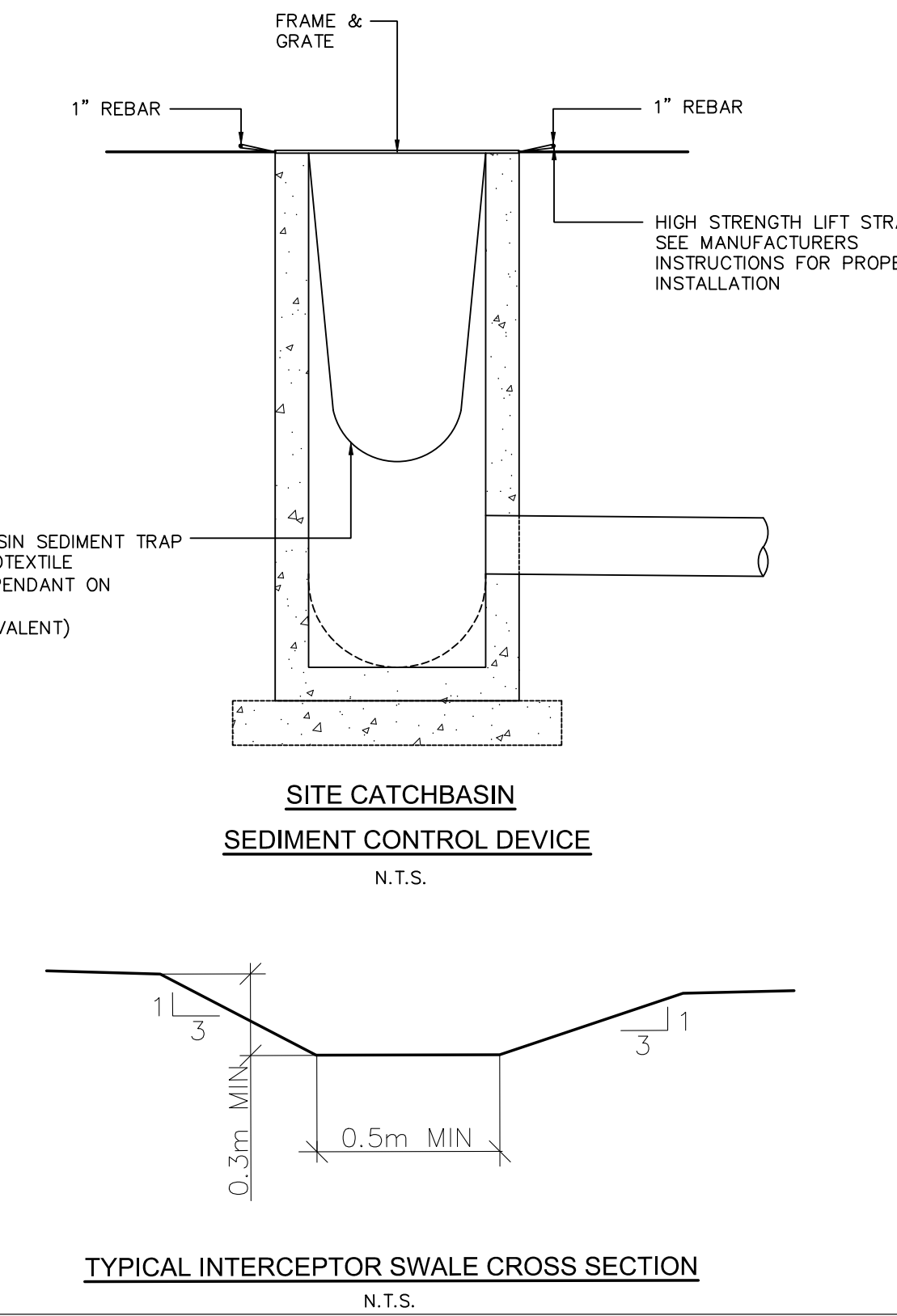
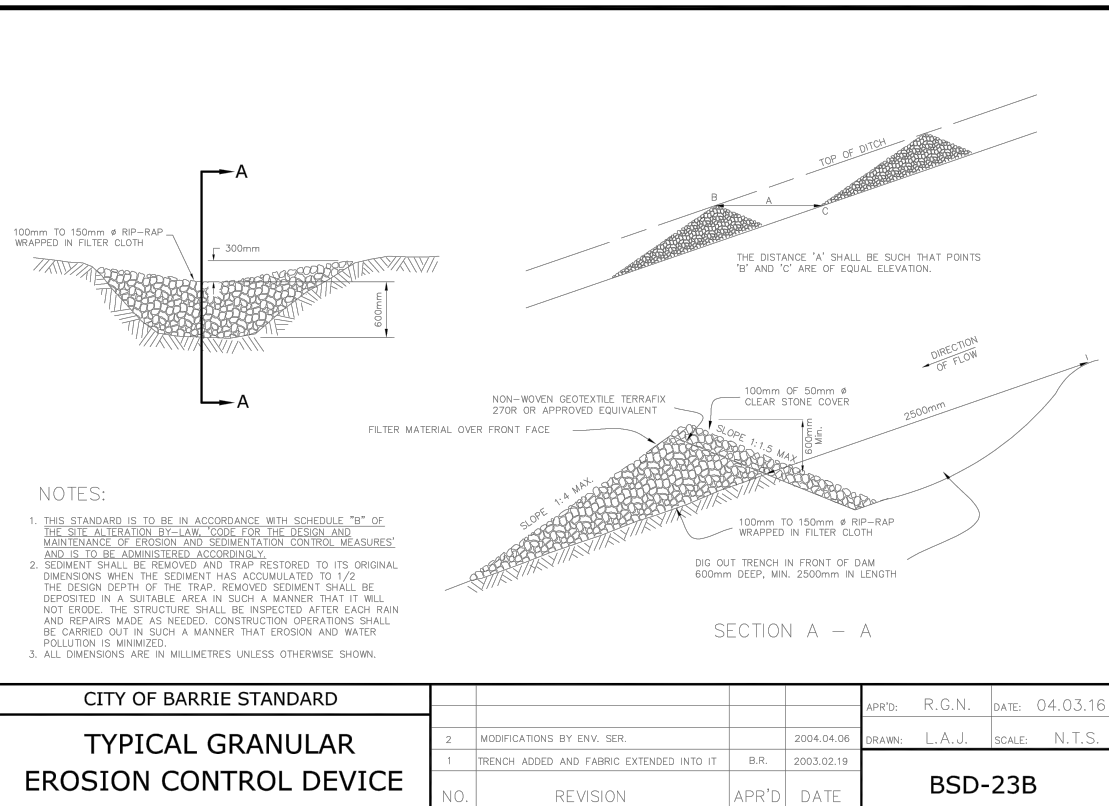
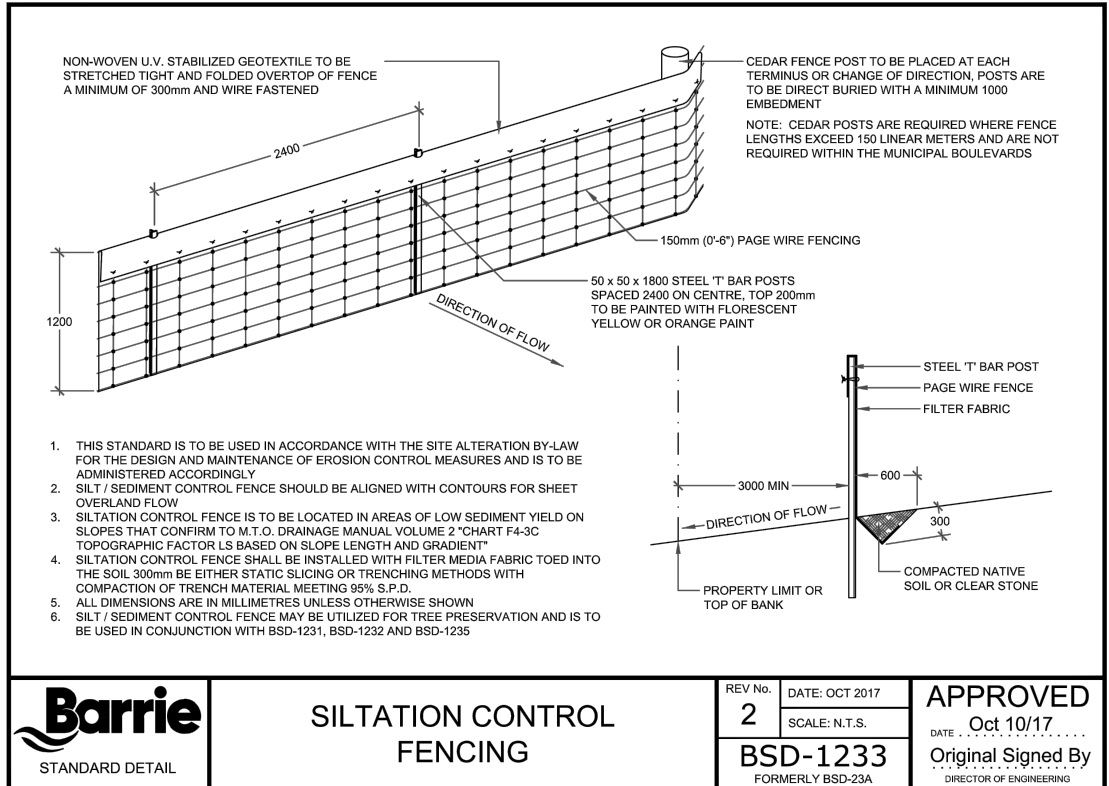
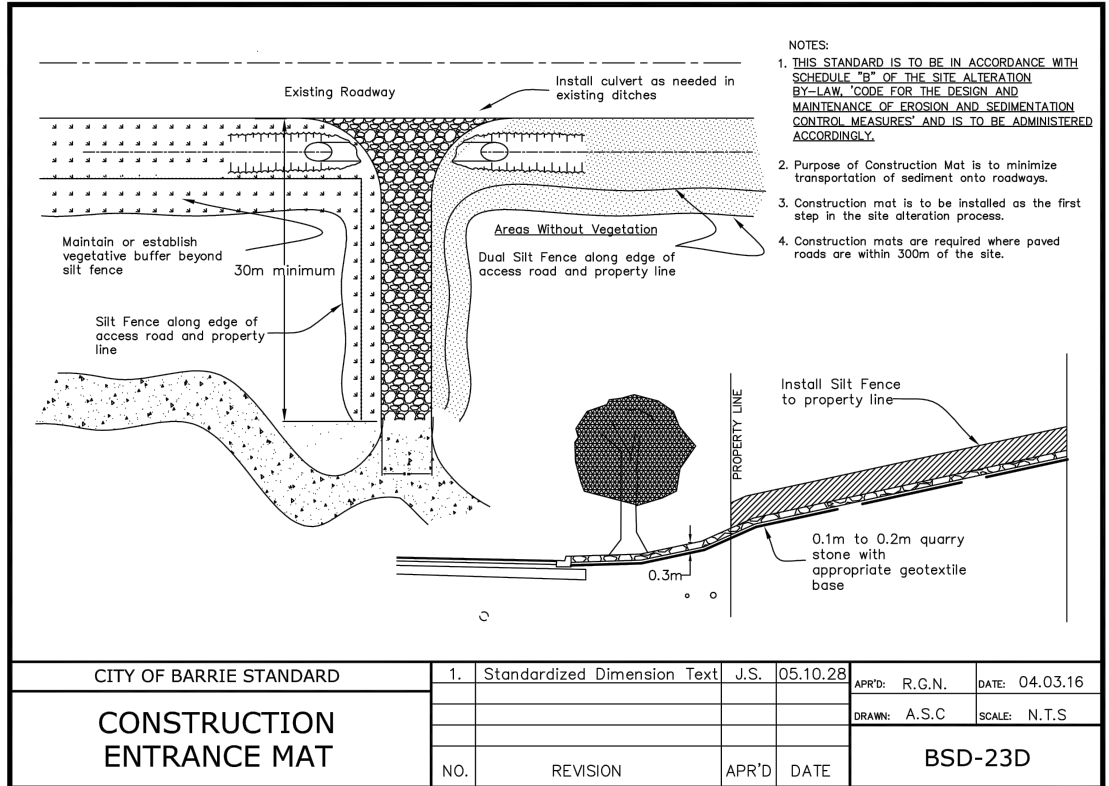
CONSTRUCTION SEQUENCE:

1. INSTALL SEDIMENT CONTROL FENCE AND CONSTRUCTION MUD MAT
2. INSTALL SEDIMENT CONTROL DEVICES ON EXISTING CATCHBASINS RECEIVING RUNOFF FROM AREAS TO BE DISTURBED DURING CONSTRUCTION.
3. STRIP TOP SOIL AND STOCKPILE AS REQUIRED.
4. CONSTRUCT TEMPORARY INTERCEPTOR SWALES.
5. INSTALL SERVICES AND INSTALL SEDIMENT CONTROL DEVICES ON CATCHBASINS.
6. CONSTRUCT ROADS TO BASE ASPHALT.
7. BUILDING CONSTRUCTION
8. RE-VEGETATE DISTURBED AREAS INCLUDING LANDS LEFT UNTOUCHED FOR MORE THAN 30 DAYS



LEGEND

- EXISTING GROUND ELEVATION
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- PROPOSED CATCHBASIN
- EXISTING CATCHBASIN
- DIRECTION OF EXISTING OVERLAND FLOW
- CATCHBASIN WITH SEDIMENT CONTROL DEVICE, SEE DETAIL
- EXISTING STRUCTURES TO BE REMOVED AND DISPOSED OF OFF SITE
- CONSTRUCTION MUD MAT AS PER BSD-230
- TEMPORARY ROCK CHECK DAM AS PER BSD-238
- SILTATION CONTROL FENCING AS PER BSD-1233
- TEMPORARY ROCK CHECK DAM AS PER BSD-238



THESE DRAWINGS ARE NOT TO BE SCALED:
ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR
PRIOR TO COMMENCEMENT OF ANY WORK. ANY
DISCREPANCIES MUST BE REPORTED DIRECTLY TO SRN
ARCHITECTS INC.

ADDITIONAL NOTES:
THE DRAWING, AS AN INSTRUMENT OF SERVICE, IS PROVIDED BY AND IS THE PROPERTY OF SRN ARCHITECTS INC. THE CONTRACTOR MUST VERIFY AND ACCEPT RESPONSIBILITY FOR ALL DIMENSIONS AND CONDITIONS ON SITE AND MUST NOTIFY SRN ARCHITECTS INC. OF ANY VARIATIONS FROM THE SUPPLIED INFORMATION. SRN ARCHITECTS INC. IS NOT RESPONSIBLE FOR THE ACCURACY OF SURVEY, STRUCTURAL, MECHANICAL, ELECTRICAL, ETC. ENGINEERING INFORMATION SHOWN ON THIS DRAWING REFER TO APPROPRIATE ENGINEERS DRAWINGS BEFORE PROCEEDING WITH ANY WORK. CONSTRUCTION MUST CONFORM TO ALL APPLICABLE CODES AND REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION (UNDERTAKEN OTHERWISE NOTED). NO INVESTIGATION HAS BEEN OR REPORTED ON BY THIS OFFICE IN REGARDS TO THE ENVIRONMENTAL CONDITION OF THIS SITE.

CONDITIONS FOR ELECTRONIC INFORMATION TRANSFER:
ELECTRONIC INFORMATION IS SUPPLIED TO THE OTHER ASSOCIATED FIRMS TO ASSIST THEM IN THE DIRECTION OF THEIR WORK REVIEW. THE RECIPIENT FIRMS MUST DETERMINE THE COMPLETENESS/APPROPRIATENESS/RELEVANCE OF THE INFORMATION IN RESPECT TO THEIR PARTICULAR RESPONSIBILITY.

ENGINEER
C. H. GROEN
100157765
22-04-21
PROVINCE OF ONTARIO

BENCHMARK
SITE BENCHMARK IS THE TOP OF THE SIB
NEAR THE NORTHEAST CORNER OF LOT 1,
HAVING AN ELEVATION OF 228.40

NO.	DATE	REVISION	COMMENT
1	22-04-21	ISSUED FOR SPA	

SRN ARCHITECTS INC SHALL NOT BE RESPONSIBLE FOR:
1. ERRORS, OMISSIONS, INCOMPLETENESS DUE TO LOSS OF INFORMATION IN WHOLE OR PART WHEN INFORMATION IS TRANSFERRED
2. TRANSMISSIONS OF ANY VIRUS OR DAMAGE TO RECEIVING ELECTRONIC SYSTEM WHEN INFORMATION IS TRANSFERRED

ENGINEERING + MANAGEMENT
P. 505, 1705, 5055
300 CATCHET WOODS COURT, SUITE 204
MARRIAGE, ON L4C 0Z8
HUSSON, CA

STAMP:
N

CLIENT:
TYPHON GROUP LTD.

PROJECT:
RESIDENTIAL DEVELOPMENT
272 INNISFIL STREET
BARRIE, ON, L4N 3G1

DRAWING TITLE:
EROSION AND SEDIMENT CONTROL PLAN

DATE:	22-04-21	SCALE:	1:200
DRAWN BY:	MA	CHECKED BY:	CHG
PROJECT NUMBER:	221278	DRAWING NUMBER:	SW3