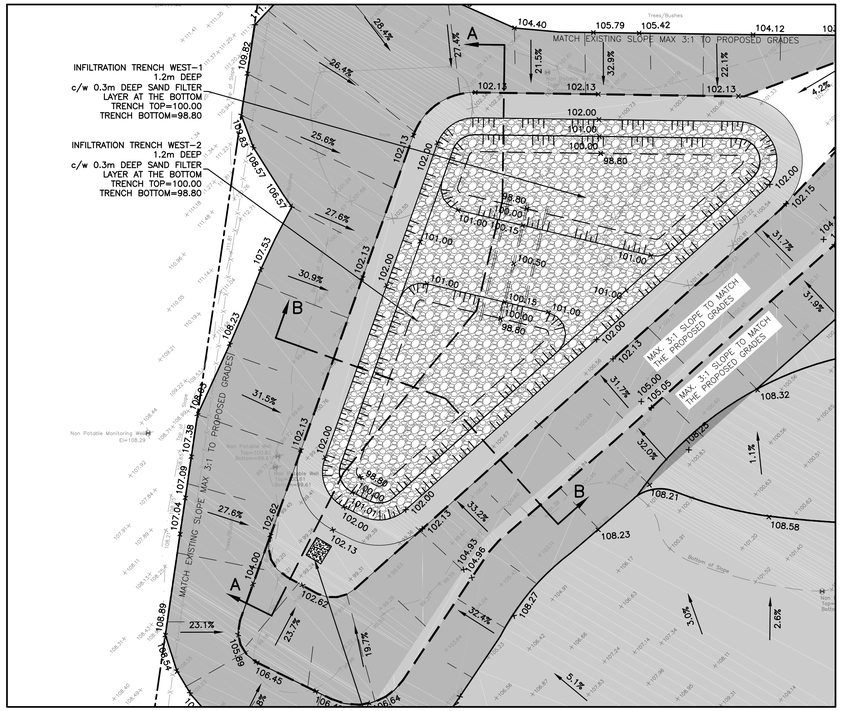
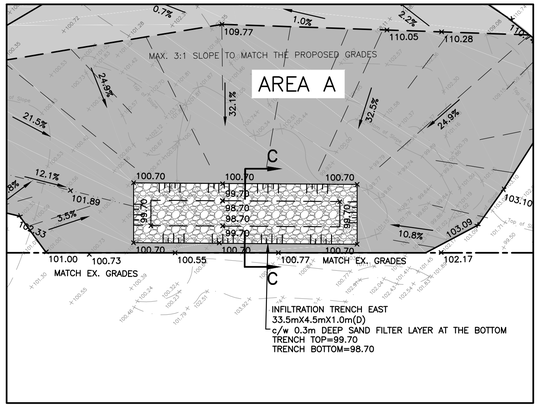
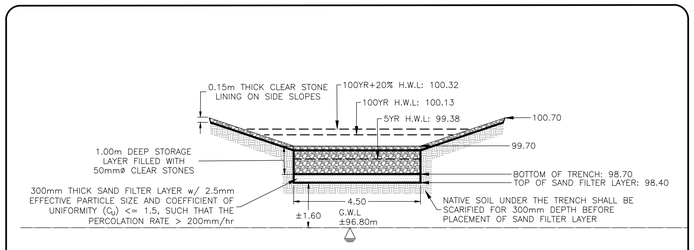


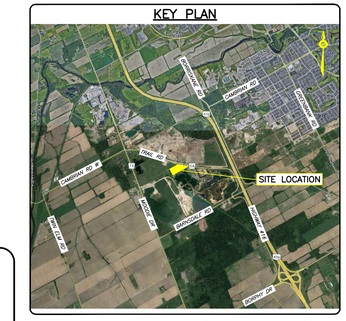
PLAN VIEW : WEST INFILTRATION TRENCH (1:100)



PLAN VIEW : EAST INFILTRATION TRENCH (1:100)



SECTION C–C: EAST INFILTRATION TRENCH CROSS SECTION (1:100)



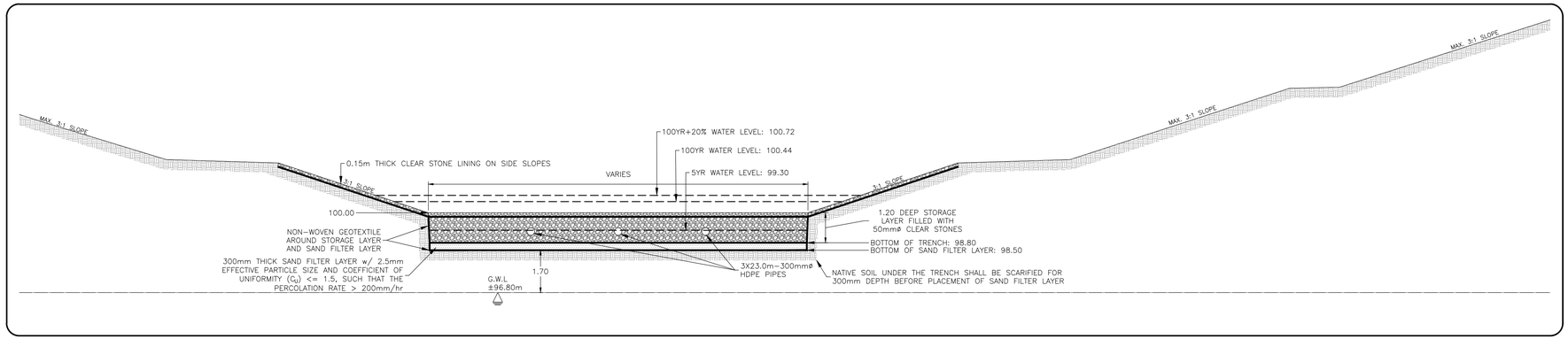
KEY PLAN

LEGEND

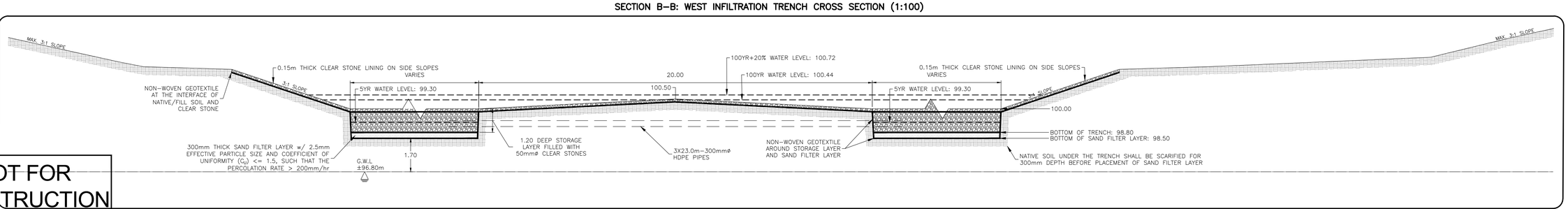
- PROPERTY LINE
- EXISTING BOTTOM OF SLOPE
- EXISTING TOP OF SLOPE
- EXISTING CENTER LINE OF DITCH
- EXISTING GATE
- EXISTING CHAIN LINK FENCE
- EXISTING OVERHEAD HYDRO LINE
- EXISTING UTILITY POLE
- UTILITY POLE ANCHOR
- EXISTING MONITORING WELL
- EXISTING ELEVATIONS
- EXISTING GRAVEL ACCESS ROAD
- PROPOSED SLOPE MAX. 3:1 C/W ERROSION CONTROL BLANKET
- PROPOSED GRADES
- PROPOSED DRAINAGE PATTERN
- PROPOSED SOIL DUMP AREA
- PROPOSED LANDSCAPING (GRASS)
- PROPOSED 50mm DIA. CLEAR STONE
- PROPOSED 300mm DIA. HDPE PIPE
- PROPOSED BOTTOM OF SLOPE

EROSION AND SEDIMENT CONTROL NOTE:

- PROVIDE TEMPORARY EROSION CONTROL BLANKET ON PROPOSED SLOPES GREATER THAN 7% UNTIL SUFFICIENT LANDSCAPE COVER HAS BEEN ESTABLISHED.
- THE PRODUCT SHOULD BE RATED FOR SLOPES UP TO 3H:1V.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES TO BE PROVIDED AS PER DRAWING C300.



SECTION B–B: WEST INFILTRATION TRENCH CROSS SECTION (1:100)



SECTION A–A: WEST INFILTRATION TRENCH CROSS SECTION (1:100)

NOT FOR CONSTRUCTION

CAUTION
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

JOB BENCH MARK
CP IN UTILITY POLE ELEVATION = 111.79

TOPOGRAPHIC INFORMATION
PART OF LOT 8, CONCESSION 4 (RIDEAU FRONT), GEOGRAPHIC TOWNSHIP OF NEPEAN, CITY OF OTTAWA.

Bearing Note
Bearings hereon are grid bearings derived from the Can-Net Real Time Network and are referred to the Central Meridian of MTM Zone 9 (76°30' West Longitude) Nad-83 (Original).

Elevation Notes
Elevations shown are geodetic and are referred to Geodetic Datum CGVD-1928 :1978. (Monument No. 19770866)

REV	REVISION DESCRIPTION	DATE	BY	APPD
3	RE-ISSUED FOR SPA	19/12/23	AGJ	AA
2	ISSUED FOR SPA	23/06/23	AJ	AA
1	ISSUED FOR CLIENT REVIEW	20/10/22	AJ	AA

SCALE: 0 1m 2m 4m — HORIZONTAL 1:100
NORTH
DESIGNED BY: A. K. JARIWALA 100562090 2023/12/19 — LICENSED PROFESSIONAL ENGINEER — PROVINCE OF ONTARIO
REVIEWED BY: M.A. ANSARI 2023/12/19 — LICENSED PROFESSIONAL ENGINEER — PROVINCE OF ONTARIO

CLIENT: DRAIN–ALL LTD
3385 HAWTHORNE ROAD, OTTAWA, ON.
K1G 4G2 613.739.1070

exp Services Inc.
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BASEPLAN	AJ
DESIGN	AJ
CHECKED	AA
CAD	AJ
PROJECT MANAGER	AA
APPROVED	AA

PROJECT: ENGINEERING SERVICES FOR 4380 TRAIL ROAD, OTTAWA, ONTARIO.

TITLE: EAST AND WEST INFILTRATION TRENCH PLAN AND PROFILE

PROJECT No.	OTT-21023795-A0
SURVEY	FSD
DATE	27/04/2022
DRAWING No.	C200-4

DO7-12-23-0066
#77772

Plan:xrefs:\\ott\vol1-21023795-d0\60 execution\MS drawings\civil\drawings\21023795 - sti civil.dwg
Last Saved:19/12/2023 11:19:18 AM by Ali Hadi
Plotted:19/12/2023 11:28:09 AM by Rajeevsoo
References: xref-TOPO.dwg; xref-CIVIL.dwg; xref-SP.dwg