PAVEMENT DESIGN
40mm SUPERPAVE 12.5 ASPHALTIC CONCRETE
50mm SUPERPAVE 19.0 ASPHALTIC CONCRETE
50mm SUPERPAVE 19.0 ASPHALTIC CONCRETE
150mm OPSS GRANULAR A CRUSHED STONE
600mm OPSS GRANULAR B TYPE II

ANY DISTURBED AREA DURING CONSTRUCTION TO BE RESTORED TO THE ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION

CONTRACTOR TO VERIFY THE PRECISE LOCATIONS AND INVERT ELEVATIONS OF Ex. UNDERGROUND SERVICES AND Ex. UTILITIES PRIOR TO STARTING CONSTRUCTION

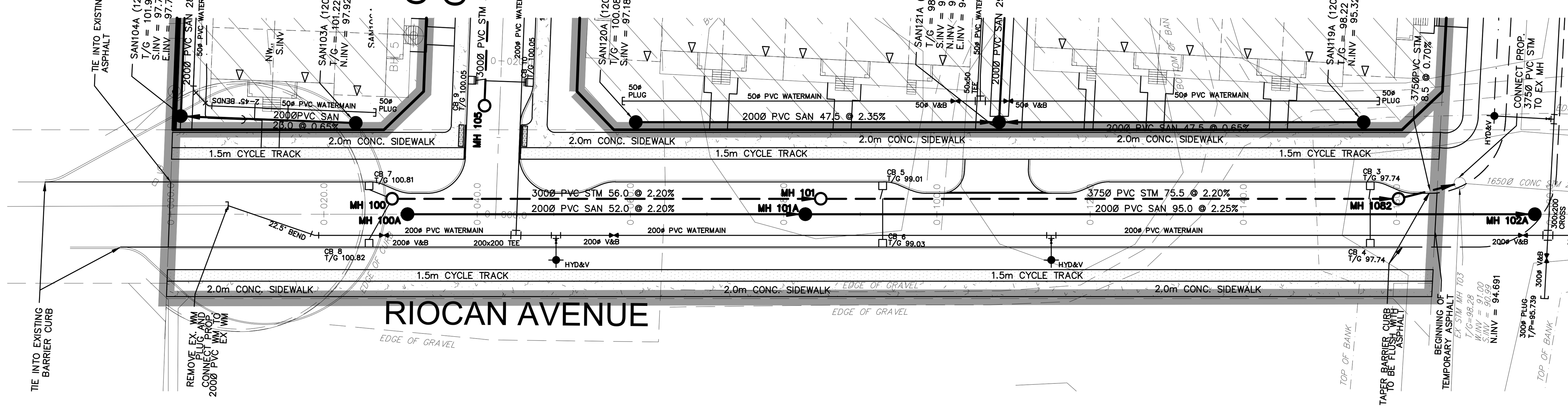
NOTE:
ALL EXISTING TREES, SHRUBS ETC. WITHIN LOTS, BLOCKS AND ROADS TO BE REMOVED, UNLESS OTHERWISE NOTED

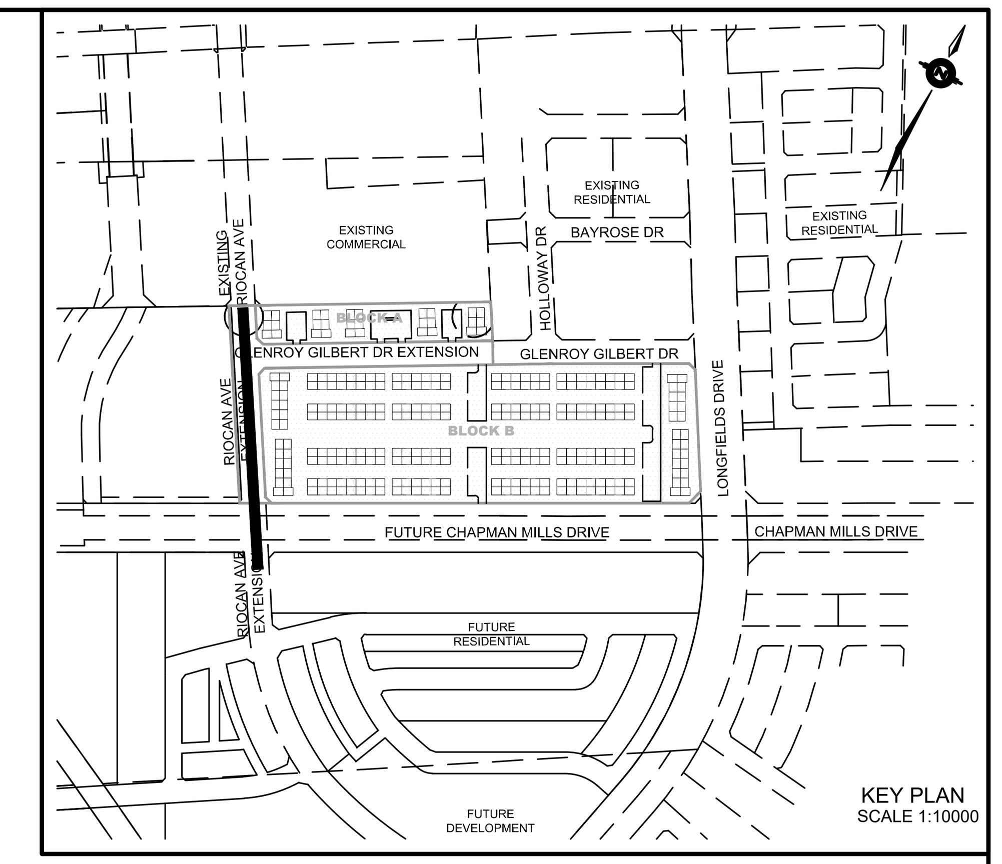
PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS

NOTE: CATCHBASIN DATA
FOR CATCHBASIN DATA, REFER TO DRAWING No. 3 FOR DETAIL.

NOTE
FOR WATERMAIN STUBS, 2.4m MIN. COVER TO BE PROVIDED

NOTE: RE: TEST PIT/BOREHOLE EXCAVATIONS
ANY DISTURBED MATERIAL ENCOUNTERED BELOW THE SUBGRADE LEVEL WITHIN A BUILDING FOOTPRINT TO BE SUB-EXCAVATED AND BACKFILLED WITH COMPACTED ENGINEERED FILL AS PER GEOTECHNICAL ENGINEERS RECOMMENDATION.



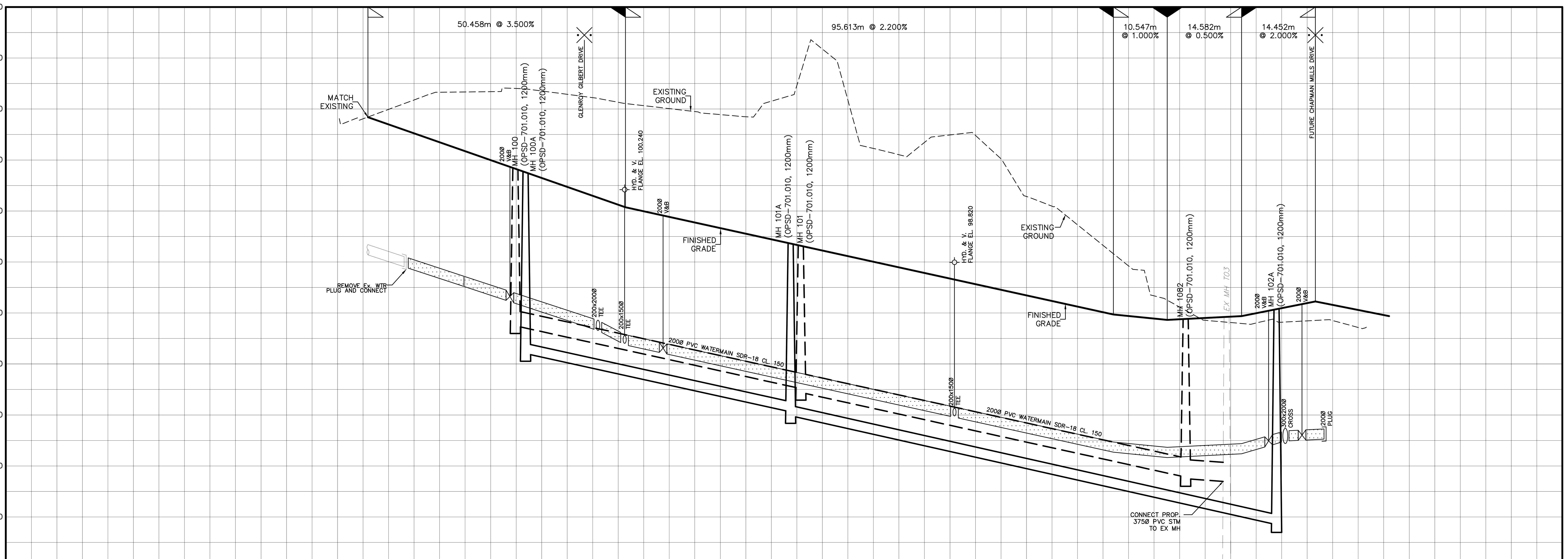


LEGEND

- CROSS
- 45° BEND
- LATERAL
- HYDRANT, VALVE & VB
- TEE
- VALVE & VC
- VALVE & VB
- 22.5° BEND
- 11.25° BEND
- REDUCER
- CAP
- SANITARY MAINTENANCE HOLE
- CAP
- STREET CATCHBASIN & LEAD
- STREET CATCHBASIN WITH CLOSED LID & LEAD
- STORM MAINTENANCE HOLE
- CURB INLET CATCH-BASIN & LEAD
- CATCHBASIN/ MAINTENANCE HOLE
- INTERCONNECTED CATCH BASIN & LEADS
- CAP
- TEE CATCHBASIN
- PERFORATED PIPE
- ELBOW CATCHBASIN
- PART OF SEPARATE APPLICATION

(305mmø WM, V&C, V&B, 200mmø SAN, MH202A, 375mmø ST, MH202, CBMH201)

- SINGLE SERVICE LOCATION (SAN & WM)
- SINGLE SERVICE LOCATION (ST, SAN & WM)
- HYDRO SWITCHGEAR
- HYDRO TRANSFORMER
- STREET LIGHT STANDARD (L.S.)
- DITCH AND CULVERT (600ø CSP)
- CONCRETE SIDEWALK (1.8m CONC. SIDEWALK)
- CURB & DEPRESSED CURB (BARRIER, MOUNTABLE, DC)
- ASPHALT SIDEWALK (1.8m ASPH. SIDEWALK)
- CHAINLINK FENCE (1.5m UNLESS OTHERWISE NOTED)
- NOISE BARRIER (3.0m UNLESS OTHERWISE NOTED)
- DECORATIVE FENCE (SEE LANDSCAPE DWGS FOR DETAIL)
- CONSTRUCTION FENCE
- POST AND RAIL FENCE
- PHASING LIMITS
- PROPERTY BOUNDARY
- OVERLAND FLOW DIRECTION
- EXTERNAL OVERLAND FLOW DIRECTION
- EMERGENCY OVERLAND FLOW DIRECTION
- TACTILE WALKING SURFACE INDICATOR (AS PER CITY OF OTTAWA STD. SC6, SC7, SC7.1, SC7.2, SC7.3)
- CB/MH EQUIPPED WITH ICD



TOP OF WATERMAIN: 99.340 | 200Ø PLUG 99.093 | 22.5° HOR. BEND 98.720 | 200Ø V&B 98.424 | 200x200Ø TEE 97.856 | HYD 97.580 | 200Ø V&B 97.412 | HYD 96.156 | 200Ø V&B 95.594 | 300x200Ø CROSS 95.739 | 200Ø V&B 95.705 | 200Ø PLUG 95.728

SANITARY INVERT: S 97.204 | 200Ø PVC SAN 52.0 @ 2.20% SDR-35 | N 96.060 SE 95.986 | 200Ø PVC SAN 95.0 @ 2.25% SDR-35 | NW 93.848

STORM INVERT: S 97.749 | 300Ø PVC STM 56.0 @ 2.20% SDR-35 | N 96.517 S 96.442 | 375Ø PVC STM 75.5 @ 2.20% SDR-35 | 375Ø PVC STM 8.5 @ 0.70% SDR-35 | N 94.781 S 94.751 | N 94.691 | W 91.00 S 90.99 | EX. 1650Ø STM

PROPOSED GRADES	CENTERLINE CHAINAGE
101.840	0+000.000
101.140	0+020.000
100.829	0+028.892
100.759	0+030.892
100.440	0+040.000
100.356	PI 0+042.410
100.074	0+050.458
99.912	0+057.837
99.864	0+060.000
99.424	0+080.000
99.363	0+082.826
99.319	0+084.826
98.984	0+100.000
98.544	0+120.000
98.104	0+140.000
97.971	0+146.071
97.865	0+156.618
97.882	0+160.000
97.886	0+160.234
97.926	0+168.255
97.938	0+171.200
98.078	0+178.041
98.114	0+180.000
98.227	PI 0+185.652
	0+185.700
	0+200.000

NOT FOR CONSTRUCTION

No.	BY	DATE	DESCRIPTION
1	S.L.M.	22-06-10	1ST SUBMISSION

TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY STANTEC GEOMATICS LTD., PROJECT No. 161614291-111, DATED MARCH 1, 2022

SITE PLAN INFORMATION
SITE PLAN PROVIDED BY SRN ARCHITECTS LTD., PROJECT No. S21001, DATED FEBRUARY 3, 2022

LEGAL INFORMATION
CALCULATED M-PLAN PROVIDED BY STANTEC GEOMATICS LTD., PROJECT No. 161614291-111, DATED MARCH 1, 2022

BENCH MARK
ELEVATIONS ARE REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM (CGVD-1928:1978) AND ARE DERIVED FROM BENCHMARK MONUMENT No. 196530071*, HAVING A PUBLISHED ELEVATION OF 99.742 METRES

MINTO COMMUNITIES INC.

BARRHAVEN TOWN CENTRE
GLENROY GILBERT DRIVE & RIOCAN AVENUE ROADWAY EXTENSIONS

DSEL
120 Iber Road Unit 103
Stittsville, Ontario, K2S 1E9
Tel. (613) 836-0856
Fax. (613) 836-7183
www.DSEL.ca

LICENSED PROFESSIONAL ENGINEER S. L. MERRICK 100186523 2022-06-10 PROVINCE OF ONTARIO

Ottawa
110 Laurier Ave W
Ottawa, Ontario, K1P 1J1
Tel. (613) 580-2400
www.Ottawa.ca

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PLAN AND PROFILE OF
RIOCAN AVENUE
(STA 0+000.000 TO STA 0+200.000)

DRAWN BY: AM	CHECKED BY: BC	PROJECT No. 15-816
DESIGNED BY: BC	CHECKED BY: SM	
SCALE: HORZ. 1:500 VERT. 1:50		SHEET No. 6

CITY PLAN No. XXXXXX
CITY FILE No. D07-XX-XX-XXXX