PAVEMENT DESIGN

40mm SUPERPAVE 12.5 ASPHALTIC CONCRETE
50mm SUPERPAVE 19.0 ASPHALTIC CONCRETE
150mm OPSS GRANULAR A CRUSHED STONE
450mm 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

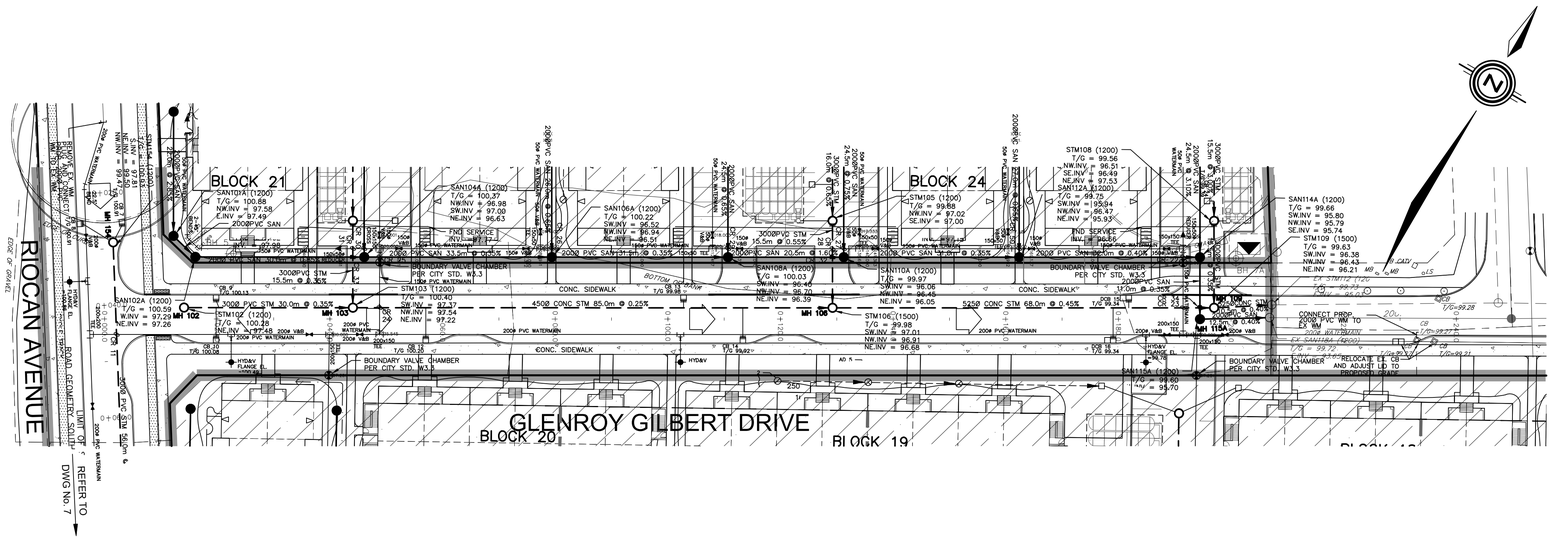
NOTE:
ALL EXISTING TREES, SHRUBS ETC. WITHIN LOTS, BLOCKS AND ROADS TO BE REMOVED, UNLESS OTHERWISE NOTED

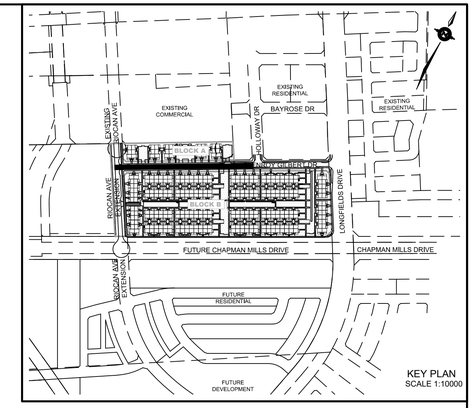
PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS

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

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

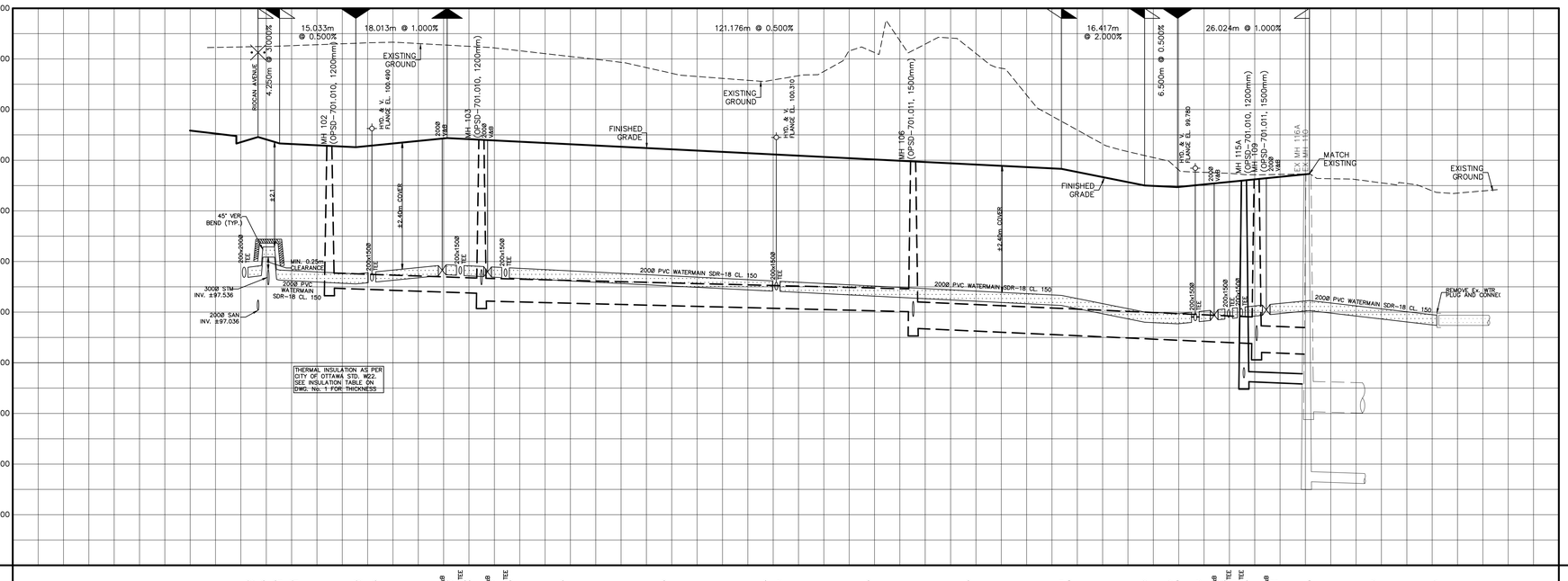
NOTE:RE: TEST PIT/BOREHOLE EXCAVATIONS
ANY DISTURBED MATERIAL ENCOUNTERED BELOW THE SUBGRADE LEVEL WITHIN A BUILDING FOOTPRINT TO BE SUB-EXCAVATED AND BACKFILLED WITH COMPACTED ENGINEERED FILL AS PER GEOTECHNICAL ENGINEERS RECOMMENDATION.





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
- SINGLE SERVICE LOCATION (SAN & WM)
- SINGLE SERVICE LOCATION (ST, SAN & WM)
- HYDRO SWITCHGEAR
- HYDRO TRANSFORMER
- STREET LIGHT STANDARD
- DITCH AND CULVERT
- CONCRETE SIDEWALK
- CURB & DEPRESSED CURB
- ASPHALT 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
- CROSSING LABEL AND LOCATION
- WATER METER
- REMOTE WATER METER
- FIREWALL



NOT FOR CONSTRUCTION

No.	BY	DATE	DESCRIPTION
6	S.L.M.	23-10-06	ISSUED FOR TENDER
5	S.L.M.	23-09-22	ISSUED FOR TENDER
4	S.L.M.	23-09-06	ISSUED FOR TENDER
3	S.L.M.	23-06-30	3RD 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 OCTOBER 5, 2023

LEGAL INFORMATION
CALCULATED DRAFT PLAN PROVIDED BY STANTEC GEOMATICS LTD., PROJECT No. 161614291-131, DATED AUGUST 9, 2023

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 & CHAPMAN MILLS DRIVE EXTENSION

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 PROVINCE OF ONTARIO 2023-10-06

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

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PLAN AND PROFILE OF

GLENROY GILBERT DRIVE
(STA 0+000.000 TO STA 0+240.000)

DRAWN BY:	AM	CHECKED BY:	BC
DESIGNED BY:	BC	CHECKED BY:	SM

SCALE: HORZ. 1:500 (0, 5, 10, 15, 20) VERT. 1:50 (0, 0.5, 1.0, 1.5, 2.0)

PROJECT No. **15-816**

SHEET No. **6**

CITY FILE No. D07-12-22-0104 CITY PLAN No. 18822

TOP OF WATERMAIN	97.888 98.288 97.831 97.831 97.724 97.724 HYD 97.706 97.823 97.723 97.623 HYD 97.612 97.523 97.423 97.331 97.300 97.002 96.977 96.970 HYD 97.004 97.230 97.084 96.938
SANITARY INVERT	NW 95.703 NE 95.629 200Ø PVC SAN 12.5 @ 0.40% SDR-35 SW 95.579 EX. 200Ø SAN
STORM INVERT	300Ø PVC STM 30.0 @ 0.35% SDR-35 NE 97.475 SW 97.370 NW 97.338 NE 97.220 450Ø CONC STM 85.0 @ 0.25% 65-D SW 97.007 NW 96.911 NE 96.681 525Ø CONC STM 68.0 @ 0.45% 65-D SW 95.376 NW 96.434 NE 96.209 525Ø CONC STM 10.5 @ 0.40% 65-D SW 96.167 EX. 600Ø STM
PROPOSED GRADES	100.459 100.331 100.282 100.256 100.423 100.436 100.423 100.404 100.404 100.323 100.123 100.069 100.023 99.977 99.967 99.923 99.831 99.824 99.502 99.477 99.470 99.682 99.692 99.656 99.698 99.700
CENTERLINE CHAINAGE	0+000.000 0+000.045 0+000.252 0+000.459 0+014.070 0+019.283 0+020.883 0+036.324 0+036.524 0+036.884 0+040.056 0+044.056 0+048.056 0+048.808 0+060.000 0+070.372 0+080.000 0+100.000 0+110.665 0+118.391 0+120.000 0+129.227 0+131.227 0+140.000 0+158.472 0+158.672 0+161.403 0+162.359 0+174.889 0+174.889 0+180.000 0+181.383 0+184.988 0+188.616 0+191.248 0+191.456 0+194.256 0+196.979 0+198.884 0+200.000 0+207.816 0+207.816 0+207.413 0+217.413 0+220.000 0+240.000