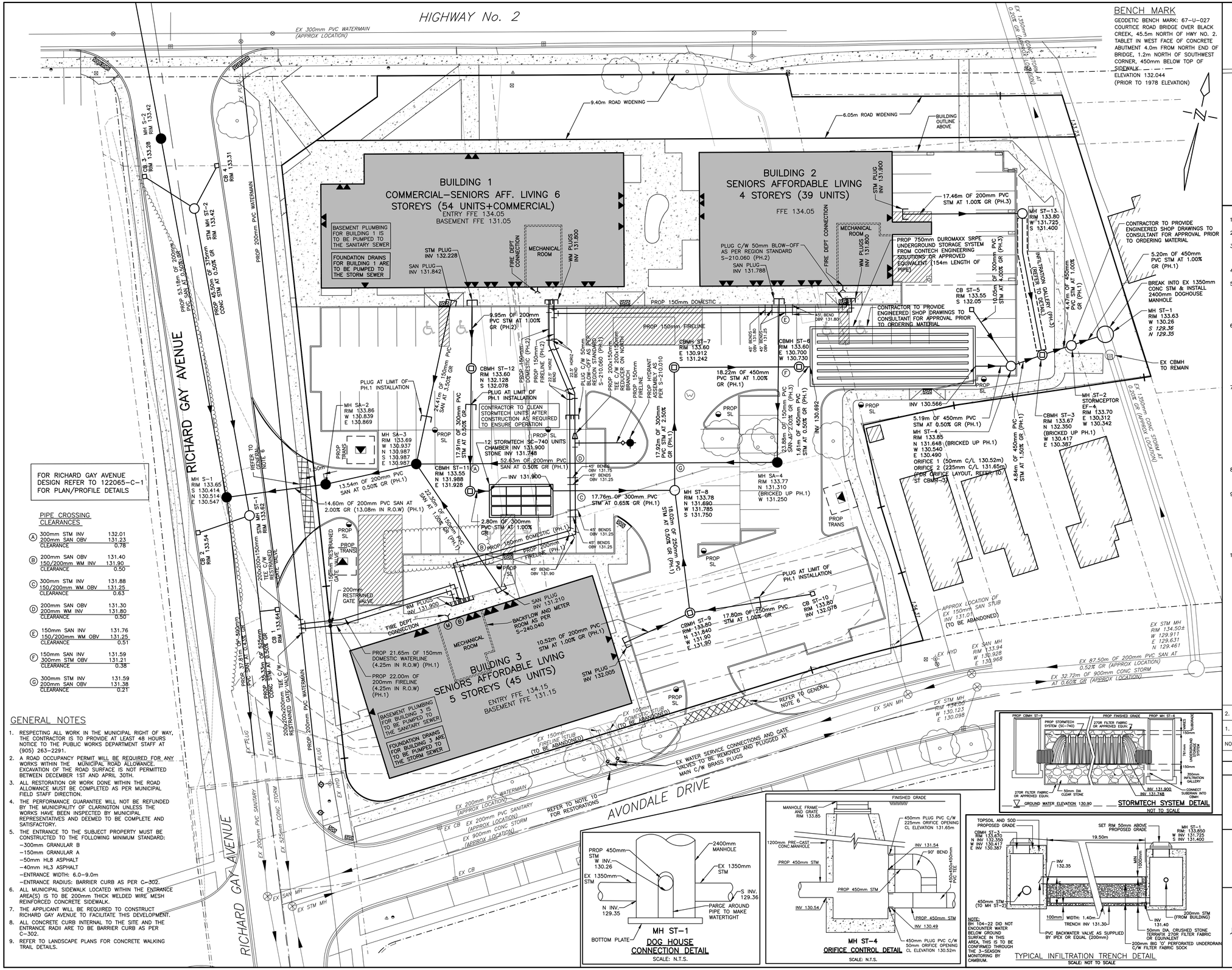


FOR RICHARD GAY AVENUE DESIGN REFER TO 122065-C-1 FOR PLAN/PROFILE DETAILS

PIPE CROSSING CLEARANCES

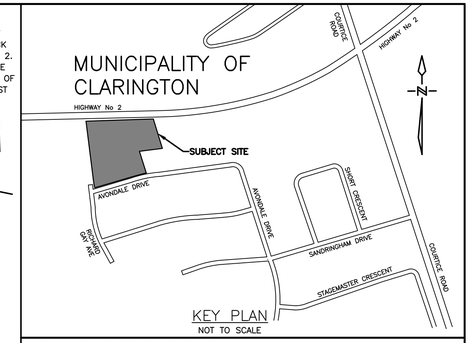
(A)	300mm STM INV	132.01
	200mm SAN OBV	131.23
	CLEARANCE	0.78
(B)	200mm SAN OBV	131.40
	150/200mm WM INV	131.90
	CLEARANCE	0.50
(C)	300mm STM INV	131.88
	150/200mm WM OBV	131.25
	CLEARANCE	0.63
(D)	200mm SAN OBV	131.30
	200mm WM INV	131.80
	CLEARANCE	0.50
(E)	150mm SAN INV	131.76
	150/200mm WM OBV	131.25
	CLEARANCE	0.51
(F)	150mm SAN INV	131.59
	300mm STM OBV	131.21
	CLEARANCE	0.38
(G)	300mm STM INV	131.59
	200mm SAN OBV	131.38
	CLEARANCE	0.21

GENERAL NOTES

1. RESPECTING ALL WORK IN THE MUNICIPAL RIGHT OF WAY, THE CONTRACTOR IS TO PROVIDE AT LEAST 48 HOURS NOTICE TO THE PUBLIC WORKS DEPARTMENT STAFF AT (905) 263-2291.
2. A ROAD OCCUPANCY PERMIT WILL BE REQUIRED FOR ANY WORKS WITHIN THE MUNICIPAL ROAD ALLOWANCE. EXCAVATION OF THE ROAD SURFACE IS NOT PERMITTED BETWEEN DECEMBER 1ST AND APRIL 30TH.
3. ALL RESTORATION OR WORK DONE WITHIN THE ROAD ALLOWANCE MUST BE COMPLETED AS PER MUNICIPAL FIELD STAFF DIRECTION.
4. THE PERFORMANCE GUARANTEE WILL NOT BE REFUNDED BY THE MUNICIPALITY OF CLARINGTON UNLESS THE WORKS HAVE BEEN INSPECTED BY MUNICIPAL REPRESENTATIVES AND DEEMED TO BE COMPLETE AND SATISFACTORY.
5. THE ENTRANCE TO THE SUBJECT PROPERTY MUST BE CONSTRUCTED TO THE FOLLOWING MINIMUM STANDARD:
   - 300mm GRANULAR B
   - 150mm GRANULAR A
   - 50mm HL8 ASPHALT
   - 40mm HL3 ASPHALT
   - ENTRANCE WIDTH: 6.0-9.0m
   - ENTRANCE RADIUS: BARRIER CURB AS PER C-302.
6. ALL MUNICIPAL SIDEWALK LOCATED WITHIN THE ENTRANCE AREA(S) IS TO BE 200mm THICK WELDED WIRE MESH REINFORCED CONCRETE SIDEWALK.
7. THE APPLICANT WILL BE REQUIRED TO CONSTRUCT RICHARD GAY AVENUE TO FACILITATE THIS DEVELOPMENT.
8. ALL CONCRETE CURB INTERNAL TO THE SITE AND THE ENTRANCE RADII ARE TO BE BARRIER CURB AS PER C-302.
9. REFER TO LANDSCAPE PLANS FOR CONCRETE WALKING TRAIL DETAILS.

BENCH MARK

GEODETIC BENCH MARK: 67-U-027
COURTICE ROAD BRIDGE OVER BLACK CREEK, 45.5m NORTH OF HWY NO. 2. TABLET IN WEST FACE OF CONCRETE ABUTMENT 4.0m FROM NORTH END OF BRIDGE, 1.2m NORTH OF SOUTHWEST CORNER, 450mm BELOW TOP OF SIDEWALK.
ELEVATION 132.044
(PRIOR TO 1978 ELEVATION)



SITE SERVICING NOTES

1. A ROAD OCCUPANCY PERMIT WILL BE REQUIRED FOR ANY WORKS WITHIN THE MUNICIPAL RIGHT OF WAY.
2. ALL WORKS OR RESTORATION WITHIN THE MUNICIPAL RIGHT OF WAY SHALL BE COMPLETED AS PER MUNICIPALITY OF CLARINGTON FIELD STAFF DIRECTION.
3. THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND SERVICES TO BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. CONCERNED UTILITIES TO BE GIVEN ADVANCED NOTICE FOR STAKE OUT. THE CONSULTANT ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE UTILITIES SHOWN ON THE DRAWINGS.
4. QUANTITIES, DIMENSIONS AND ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR COMMENCING CONSTRUCTION.
5. ALL SANITARY SEWER AND APPURTENANCES SHALL COMPLY WITH THE REGION OF DURHAM STANDARDS AND THE ONTARIO PLUMBING CODE.
   - SANITARY SEWER PIPES, 200mm TO BE CL DR28 PVC PIPE, CL P BEDDING
   - SANITARY MANHOLES AS PER OPSD 701.010 C/W GRATE AS PER OPSD 401.010
   - ALL TRENCHES SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH REGION OF DURHAM STANDARDS.
6. ALL WATER MAINS AND APPURTENANCES SHALL COMPLY WITH THE REGION OF DURHAM STANDARDS AND THE ONTARIO PLUMBING CODE.
   - ALL WATER MAINS SHALL BE CONSTRUCTED A MINIMUM OF 1.80m BELOW FINISHED GRADE
   - ALL TRENCHES SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH REGION OF DURHAM STANDARDS
   - 150mm WATERMAIN AND 200mm WATERMAIN TO BE DR18 PVC PIPE, CL P BEDDING
   - PROP HYDRANT ASSEMBLY AS PER S-210.010. HYDRANTS TO BE PAINTED RED.
   - DEFLECTIONS UNDER WATERMAIN AS PER REGION STANDARD S-200.070.
7. ALL STORM SEWERS AND APPURTENANCES SHALL COMPLY WITH THE MUNICIPALITY OF CLARINGTON STANDARDS AND THE ONTARIO PLUMBING CODE.
   - STORM SEWER PIPE 450mm AND SMALLER SHALL BE DR35 PVC PIPE, CL P BEDDING
   - STORM SEWER MANHOLES AND CATCH BASIN MANHOLES SHALL BE AS PER OPSD 701.010
   - CATCH BASINS SHALL BE AS PER OPSD 705.010
   - MANHOLE GRATES SHALL BE AS PER OPSD 401.010
   - CATCH BASIN GRATES SHALL BE AS PER OPSD 400.020
   - ALL TRENCHES SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH OPSD STANDARDS
   - CLEAR STONE BEDDING MATERIAL IS NOT TO BE USED IN ANY CASE AS PER THE GEOTECHNICAL REPORT RECOMMENDATIONS.
8. GENERALLY, A MINIMUM OF 0.25m SHALL BE PROVIDED BETWEEN THE OUTSIDE OF PIPE BARRELS AT THE POINT OF CROSSING FOR STORM AND SANITARY SEWERS. A MINIMUM OF 0.50m SHALL BE PROVIDED BETWEEN THE OUTSIDE OF PIPE BARRELS AT THE POINT OF CROSSING FOR ALL SEWERS CROSSING WATER MAINS.
9. THE PARKING LOT SHALL CONSIST OF THE FOLLOWING UNLESS OTHERWISE APPROVED BY THE ENGINEER (SEE GRADING PLAN 122065-SG-1):

LIGHT DUTY ASPHALT	HEAVY DUTY ASPHALT
-350mm GRANULAR 'B	-400mm GRANULAR 'B'
-150mm GRANULAR 'A'	-150mm GRANULAR 'A'
- 50mm HL8 ASPHALT	-90mm HL8 ASPHALT (2 LIFTS)
- 40mm HL3 ASPHALT	-40mm HL3 ASPHALT

   -BARRIER CURB AS PER C-302

10. AVONDALE DRIVE TO BE RESTORED WITH THE FOLLOWING UPON REMOVAL OF WATER SERVICES:
    - 300mm GRANULAR 'B'
    - 150mm GRANULAR 'A'
    - 50mm HL8 ASPHALT
    - 40mm HL3 ASPHALT
    - -CURB AND GUTTER SHALL BE RESTORED AS PER C-302
    - -BOULEVARD TO BE RESTORED WITH 150mm OF TOPSOIL AND SOD

NO.	DATE	REVISION	BY
2.	01/26/2024	REVISED AS PER 2ND SUBMISSION COMMENTS	MH
1.	11/01/2023	REVISED AS PER 1ST SUBMISSION COMMENTS	MH

REVISIONS

1697 HIGHWAY No 2, COURTICE, CLARINGTON

SITE SERVICING PLAN

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info@dgbiddle.com

LICENSED PROFESSIONAL ENGINEER M. B. CARSWELL 90561374 JAN 26/24 PROVINCE OF ONTARIO

SCALE:	1:250
DRAWN BY:	B.B.
DESIGN BY:	M.H.
CHECKED BY:	M.B.C.
DATE:	OCTOBER 2022
PROJECT NO.	122065
DRAWING NO.	SS-1

X:\STAFF\JOB FILES\122000\122065 1697 HIGHWAY 2, COURTICE\122065 DRAWINGS\122065-SG-SITE PLAN.DWG 26/01/2024