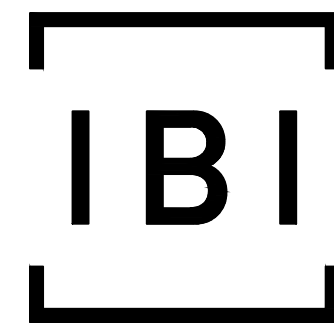
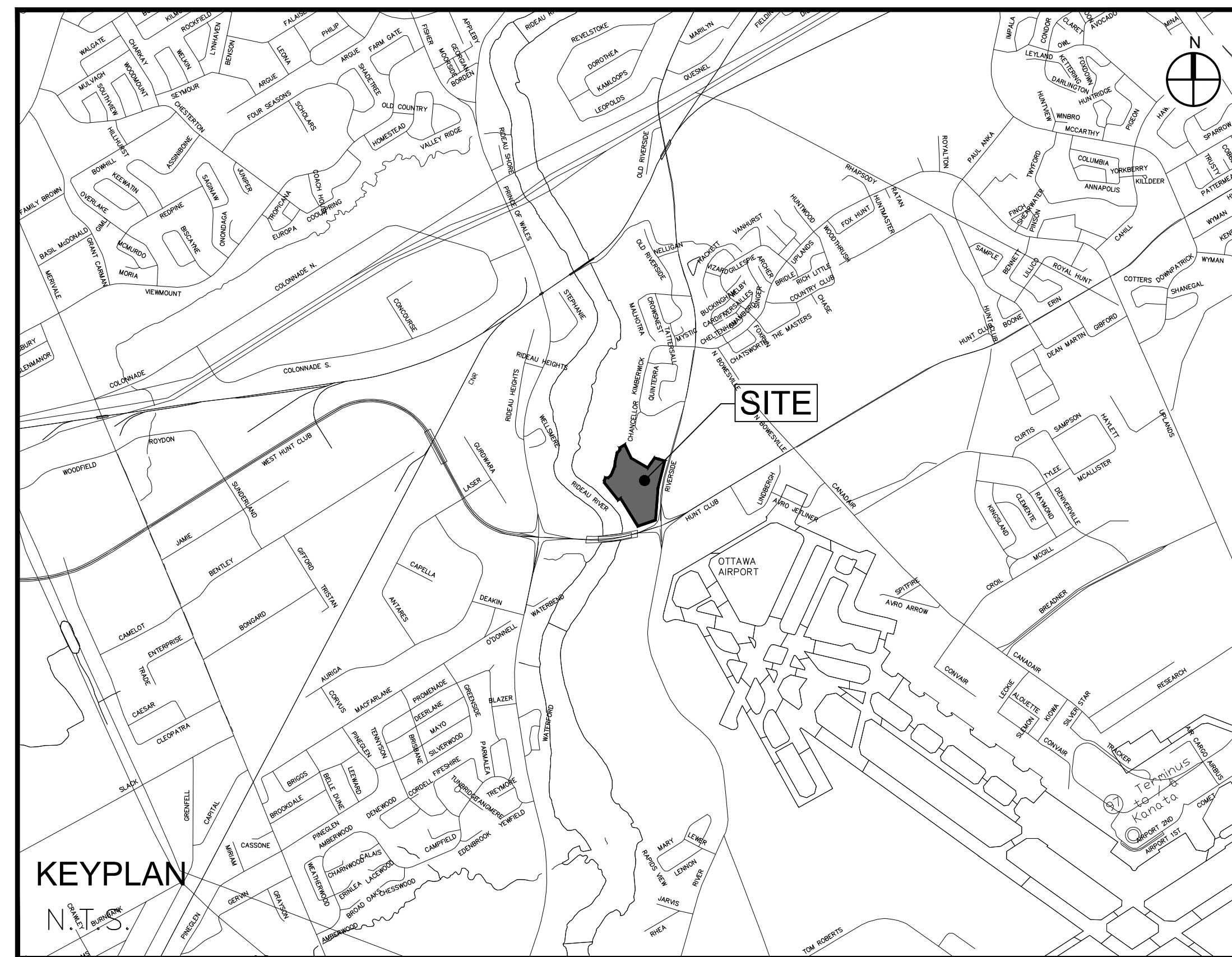


# RIVERSIDE PARK

## 3930 & 3960 RIVERSIDE DR.



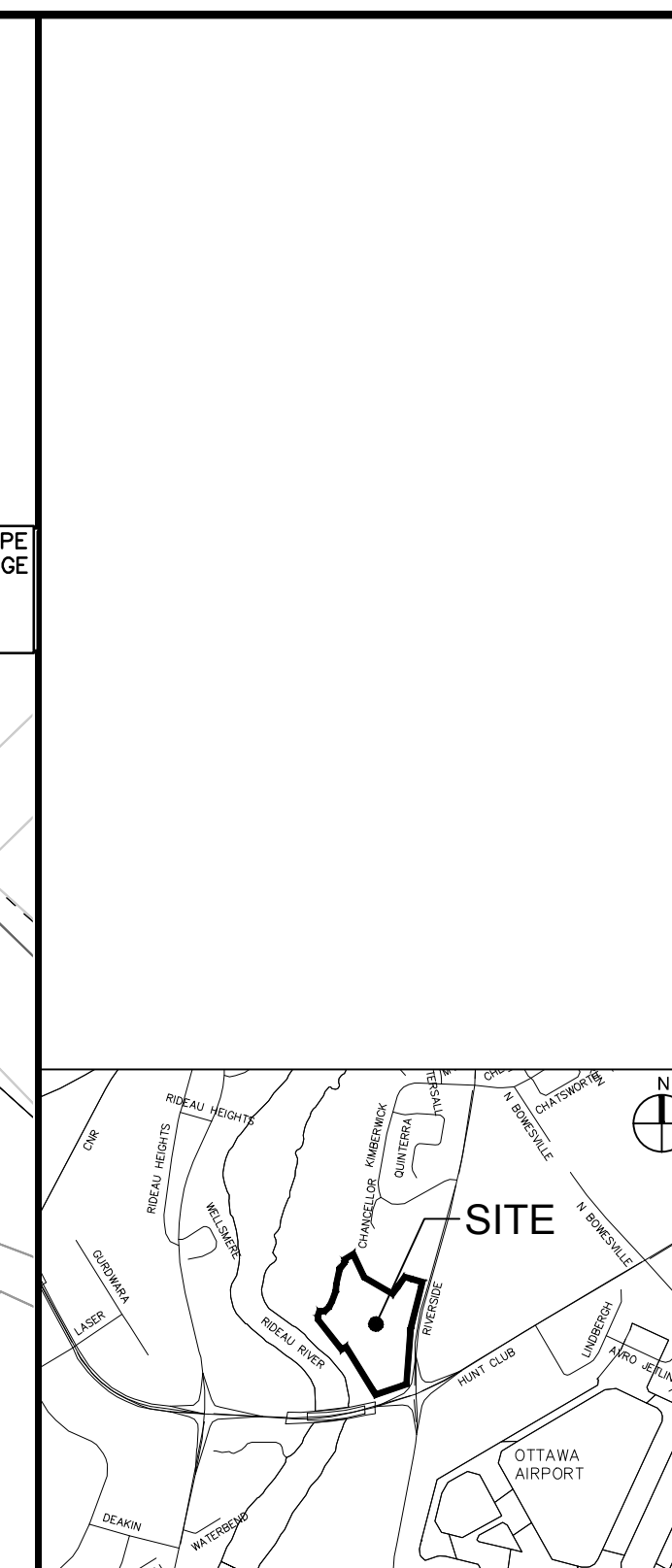
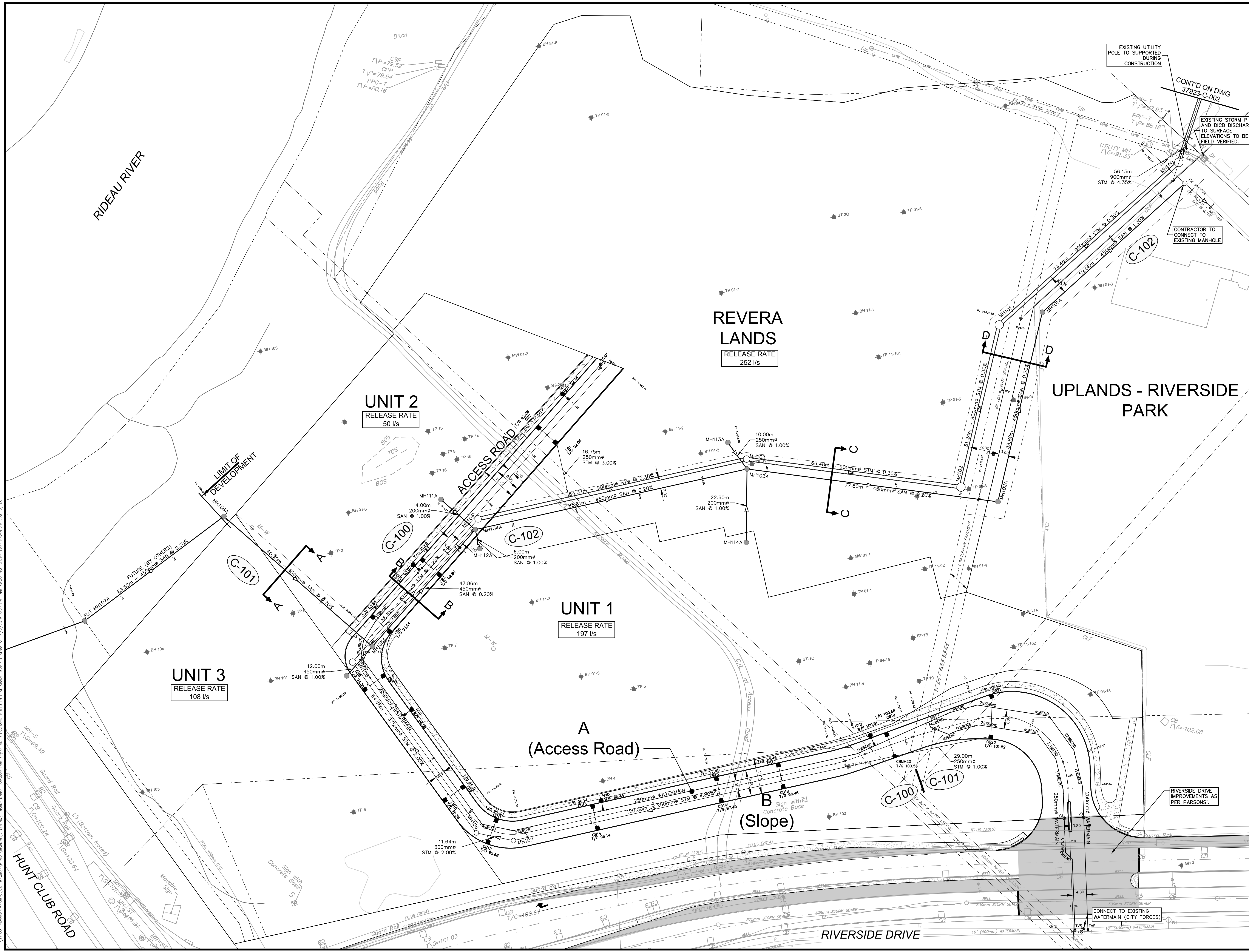
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 Ottawa ON K1S 5N4 Canada  
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Sheet List Table		
Sheet Number	Sheet Title	Sheet Description
000	COVER	
C-001	GENERAL PLAN OF SERVICES	
C-002	GENERAL PLAN OF SERVICES	
C-010	NOTES-LEGEND-CB DATA	
C-100	ACCESS ROAD	STA 0+880 TO 1+200
C-101	SANITARY SEWER - ACCESS ROAD	STA 1+200 TO RIVERSIDE DR.
C-102	SEWER OUTLETS	ACCESS ROAD TO STA 0+940
C-103	STORM OUTLET	STA 0+940 TO EXISTING POND
C-200	GRADING PLAN	
C-400	SANITARY DRAINAGE AREA PLAN	
C-500	STORM DRAINAGE AREA PLAN	
C-900	EROSION SEDIMENT CONTROL	



CONTRACT NO. 37923

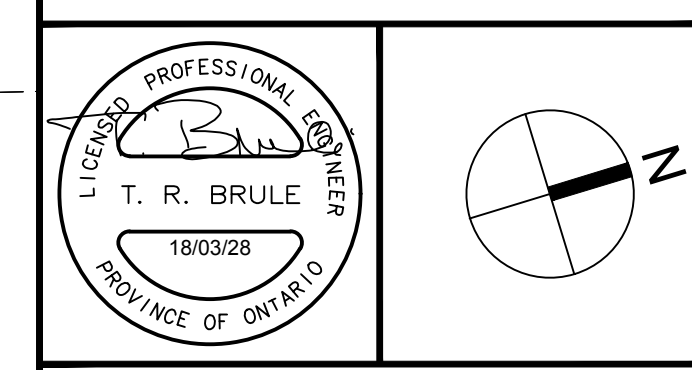


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1	ISSUED FOR CITY APPROVAL	T.R.B. 2018/04/03
No.	REVISIONS	By Date



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Project Title  
**RIVERSIDE PARK**  
 3930 & 3960 RIVERSIDE DR.



Drawing Title  
**GENERAL PLAN  
 OF SERVICES**

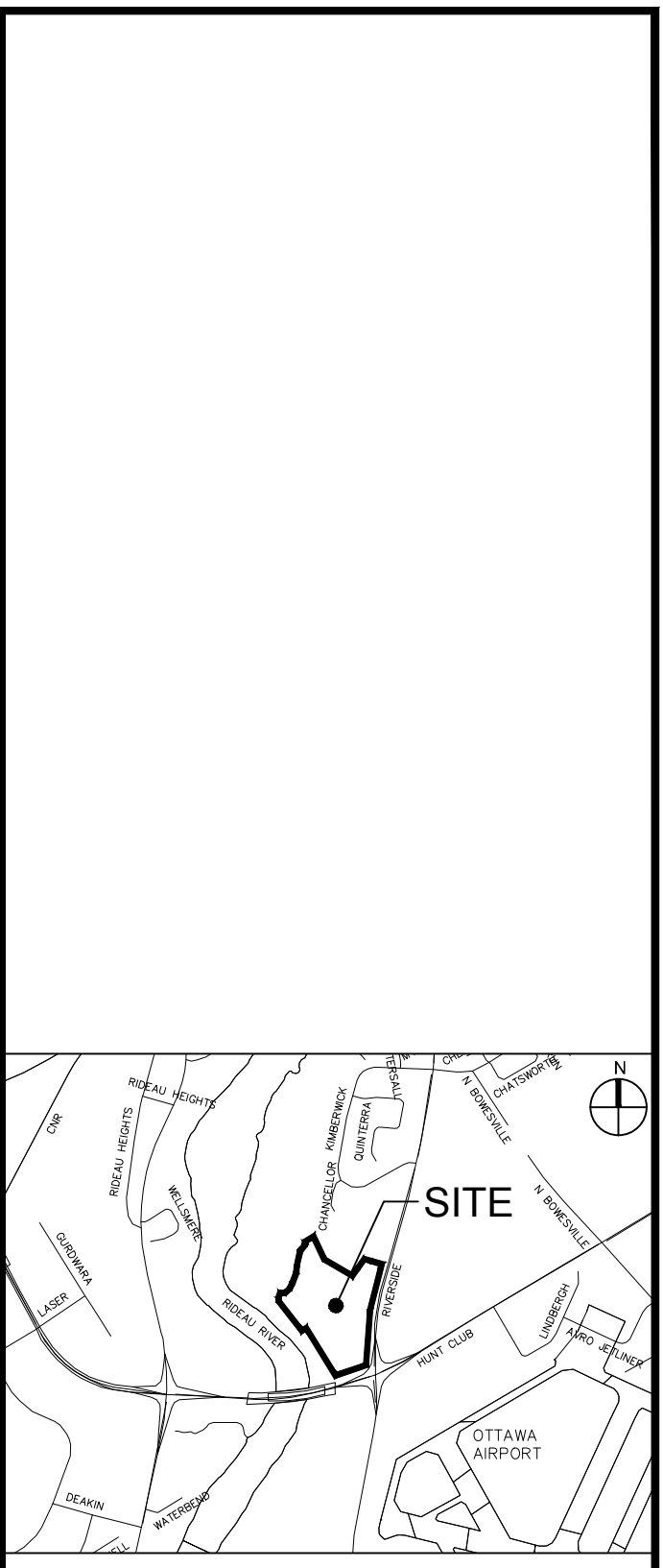
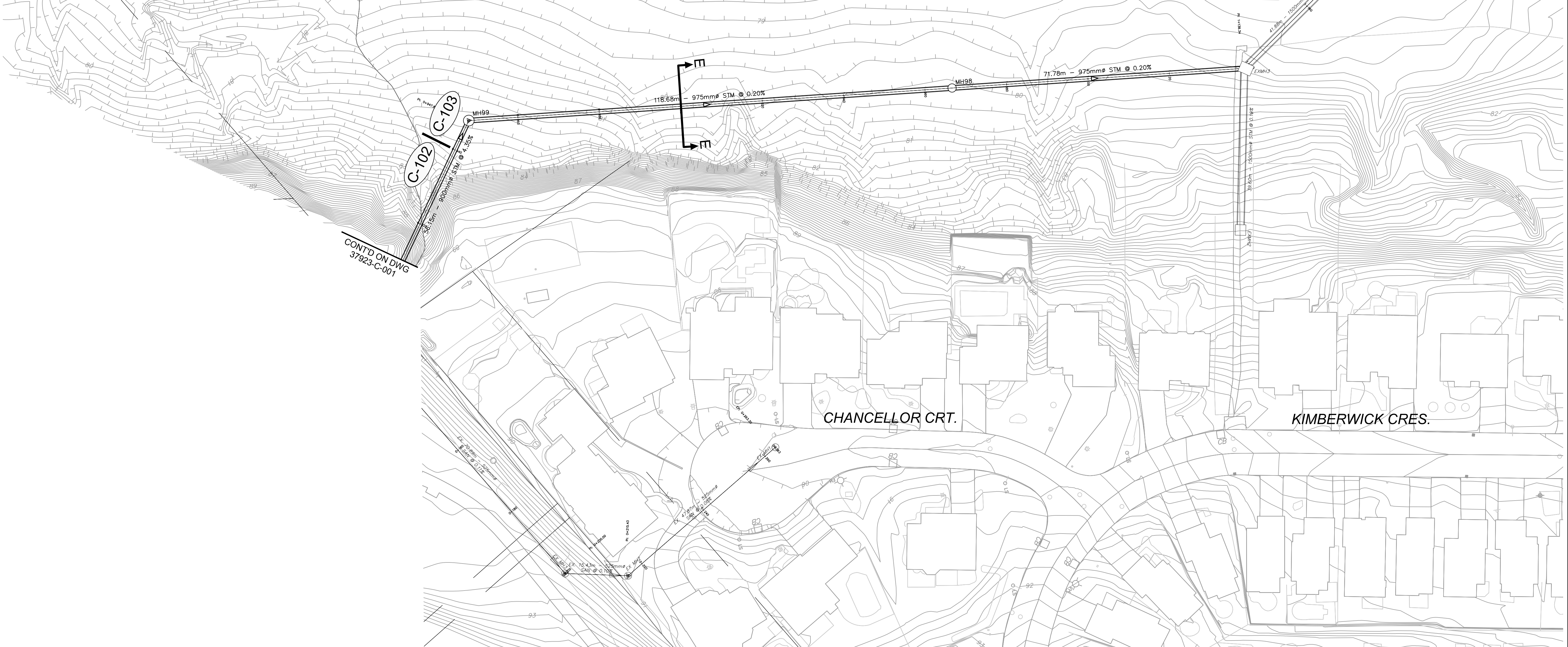
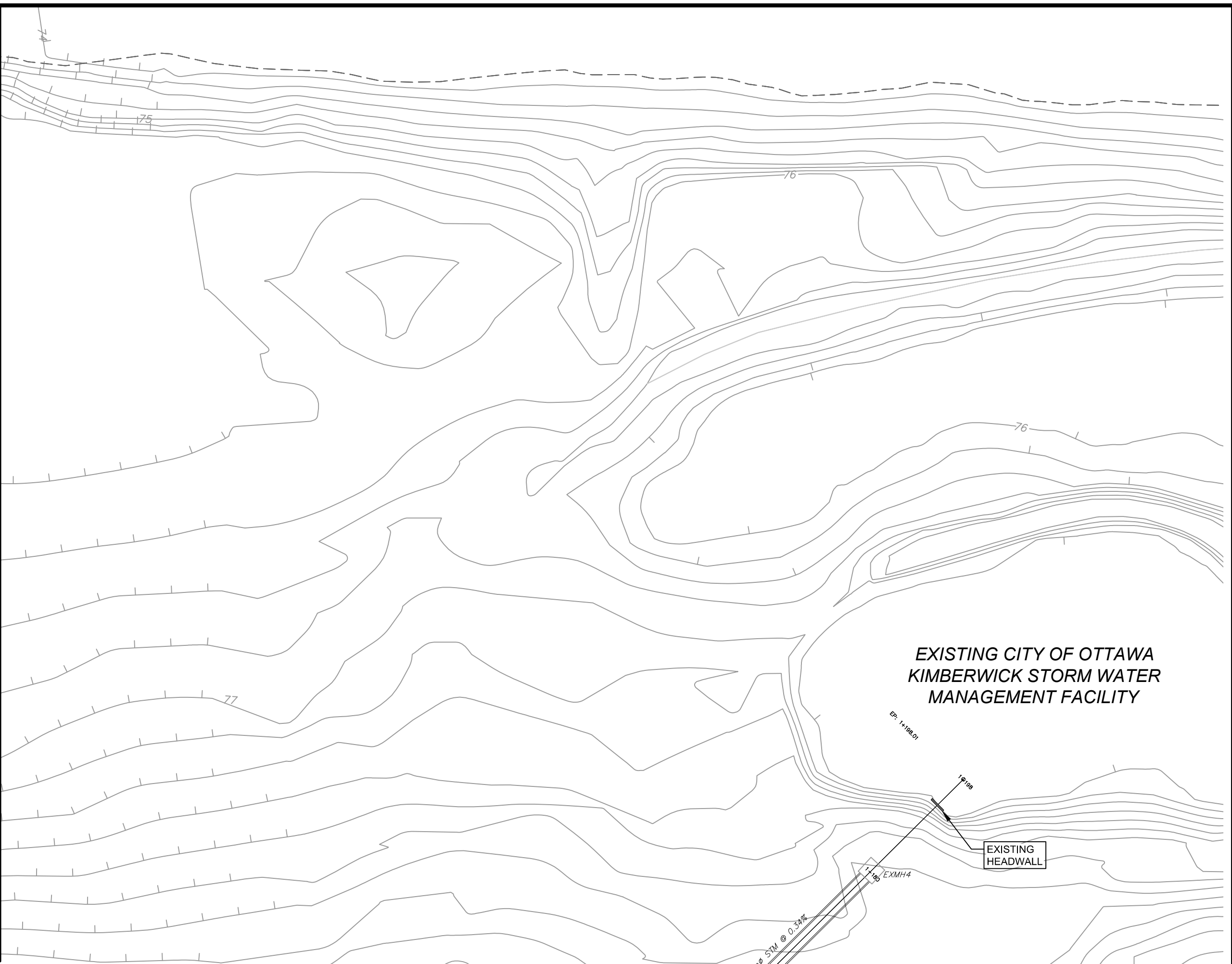
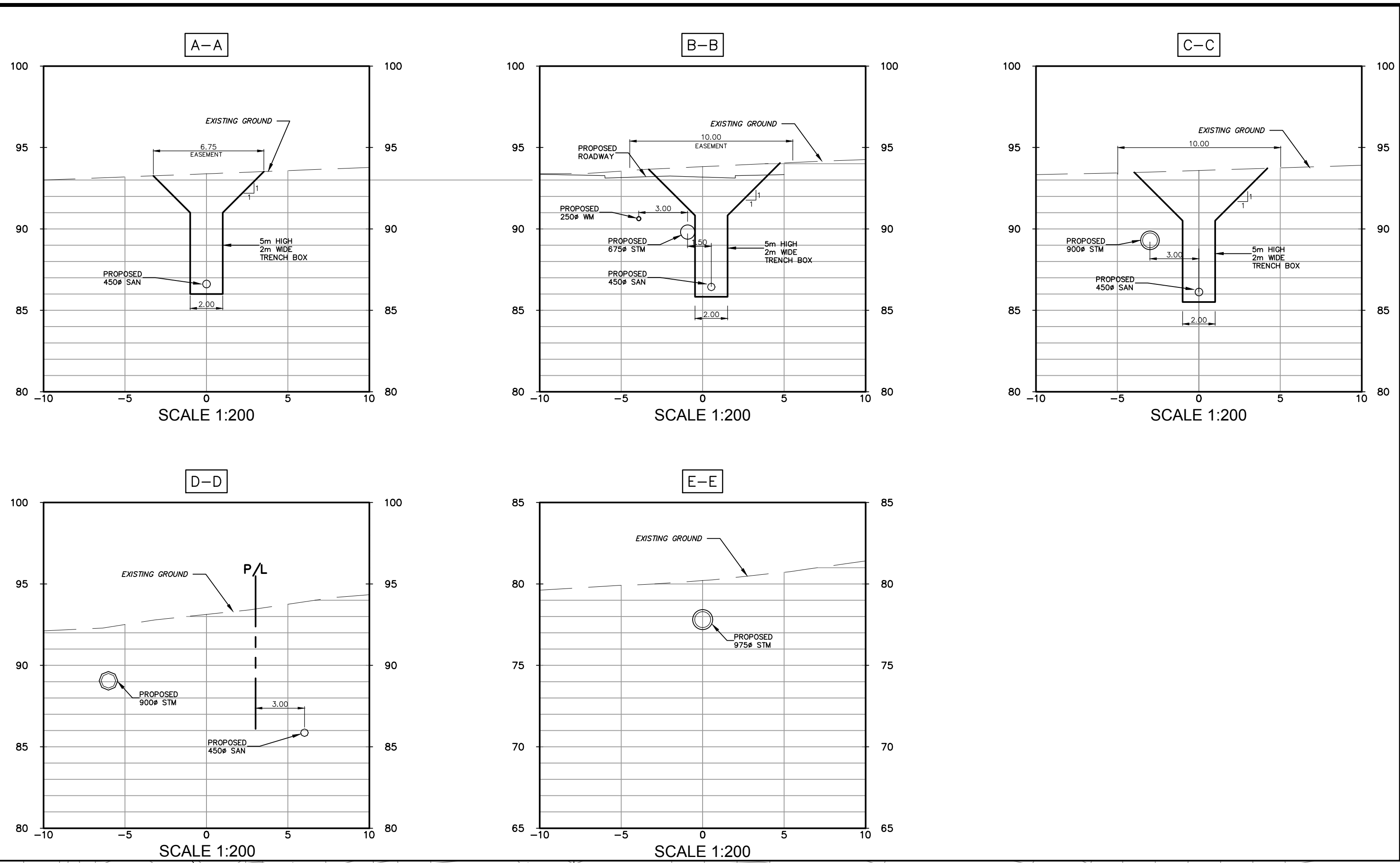
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Design	J.E.B.	Date	MARCH 2018
Drawn	D.D./E.H.	Checked	T.R.B.

Project No.	37923	Drawing No.	C-001
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J:\37923-RiversidePark\A3.1-Drawings\A3.1-FULL\CTB Plot Scale: A3 STANDARD-FULL.ctb Plot Scale: 1:25.4 Printed At: 4/27/2018 3:27 PM Last Saved By: DOORE Last Saved At: Apr. 2, 18

CITY PLAN No. ####  
 CITY FILE No. ####

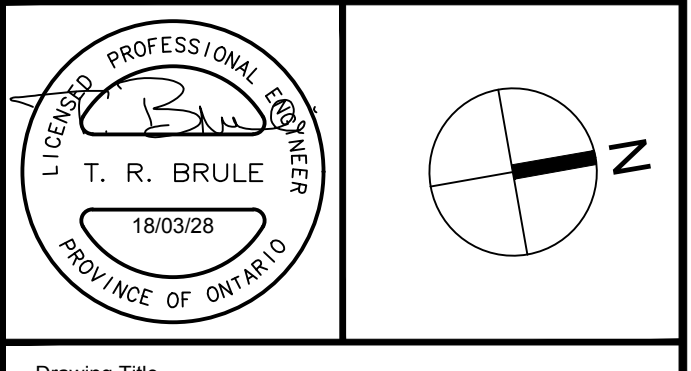


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1	ISSUED FOR CITY APPROVAL	T.R.B.	2018-04-03
No.	REVISIONS	By	Date



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Project Title  
**RIVERSIDE PARK**  
 3930 & 3960 RIVERSIDE DR.



Drawing Title  
**GENERAL PLAN  
 OF SERVICES**

Scale  
 1 : 500

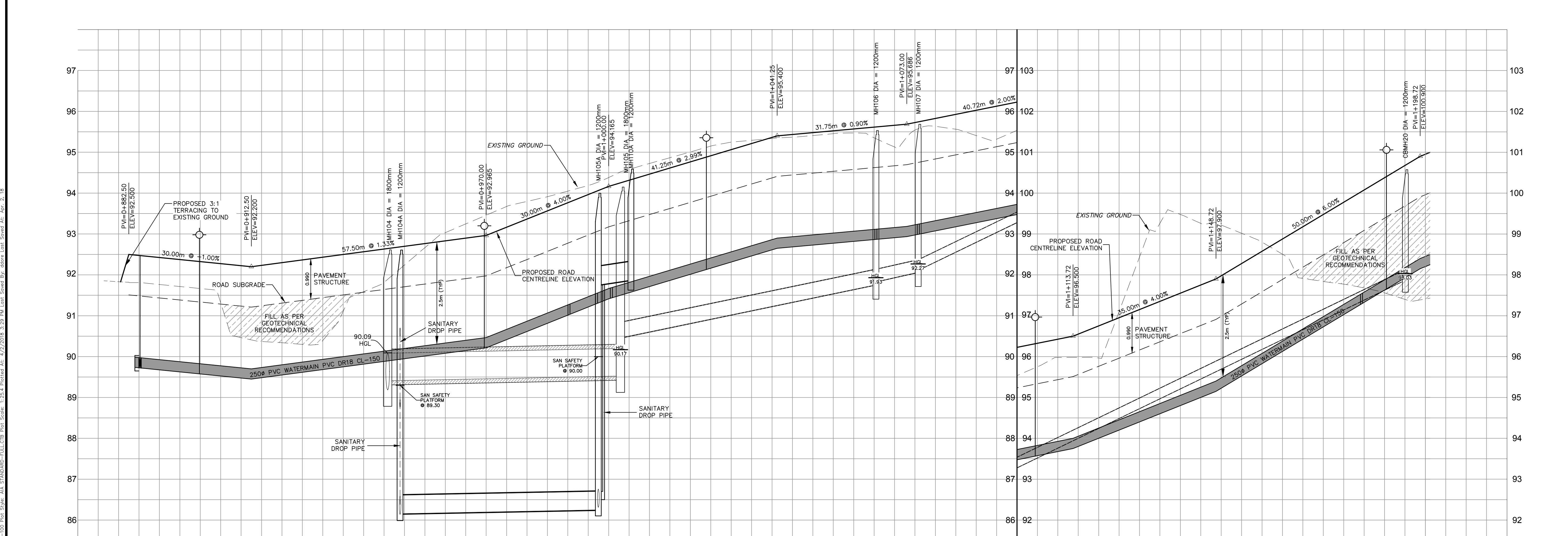
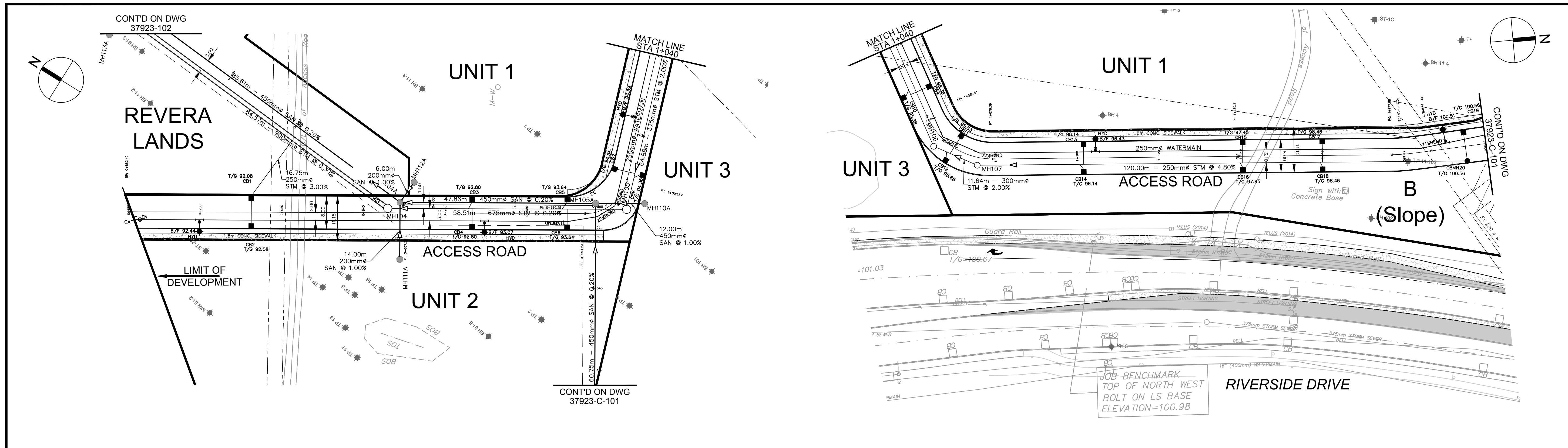
Design	J.E.B.	Date	MARCH 2018
Drawn	D.D. / E.H.	Checked	T.R.B.

Project No.	37923	Drawing No.	C-002
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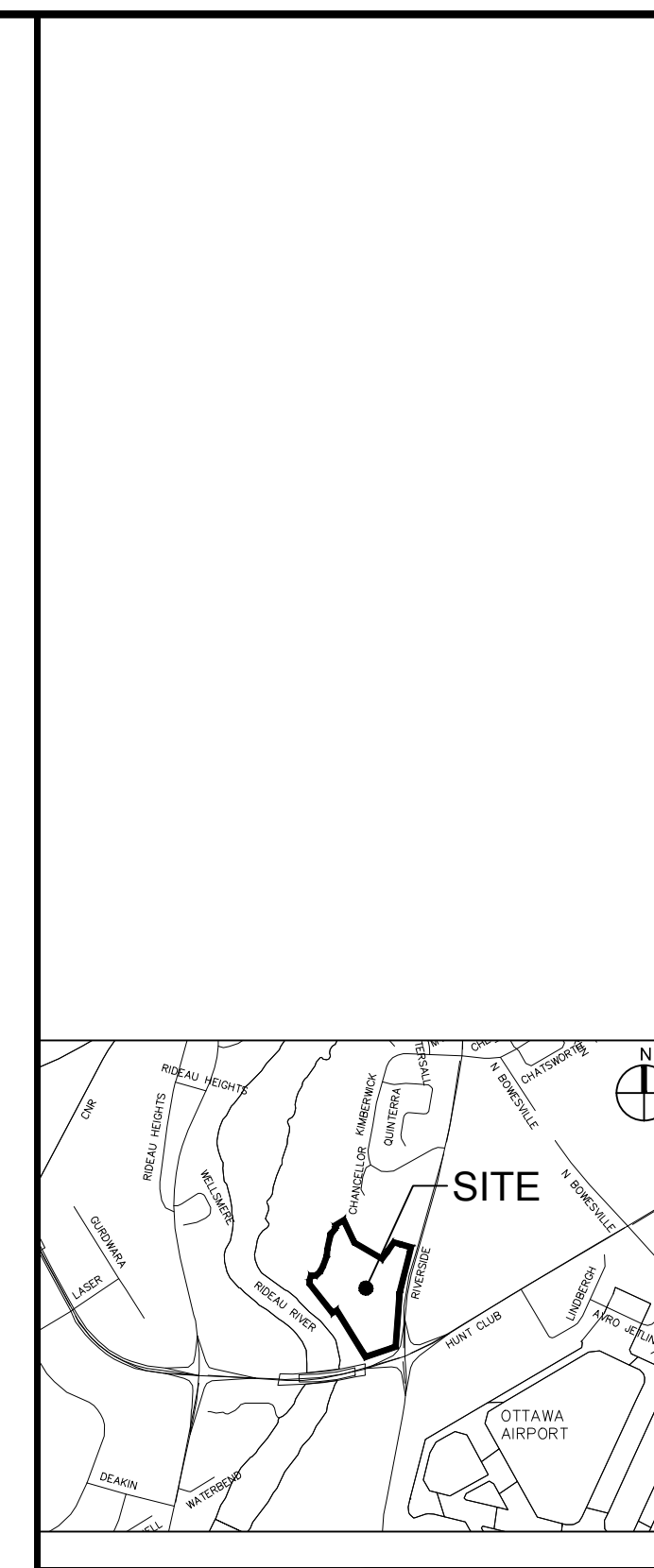
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CITY PLAN No.####  
 CITY FILE No. ####





ROAD GRADE	92.500	92.325	92.200	92.300	92.566	92.832	92.865	93.365	94.165	94.764	95.400	95.569	95.686	95.826	96.226	96.500	96.751	97.551	97.900	98.577	99.777	100.900	ROAD GRADE	
TOP OF WATERMAIN	89.985	89.825	89.700	89.800	90.066	90.332	90.465	90.865	91.665	92.264	92.900	93.069	93.186	93.326	93.726	94.000	94.251	95.051	95.400	96.077	97.277	98.400	98.451	TOP OF WATERMAIN
STM SEWER INVERT						58.51m - 675mm <sup>ø</sup> CONC. CL 100-D STM @ 0.20%			64.88m - 375mm <sup>ø</sup> PVC DR-35 STM @ 2.00%				91.756W 91.851NE	92.064SW 92.114N		11.64m - 300mm <sup>ø</sup> PVC DR-35 STM @ 2.00%		120.00m - 250mm <sup>ø</sup> PVC DR-35 STM @ 4.80%						STM SEWER INVERT
SAN SEWER INVERT						89.163N 89.408SE			88.525NW 90.459E															SAN SEWER INVERT
STATION	0+880 0+884.000 CAP 0+885.250 VB	0+897.833 0+900		0+920	0+940	0+960	0+969.560 HYD	0+980	0+990.25 11.25 BEND 47.86m 450mm <sup>ø</sup> PVC DR-26 SAN @ 0.20%	1+020 1+023.915 HYD	1+040	1+060 1+065.430 45 BEND	1+076.822 22.5 BEND 91.756W 91.851NE	1+080 1+076.822 22.5 BEND 92.064SW 92.114N	1+100 1+104.467 HYD	1+120	1+140	1+160	1+180 1+184.352 11.25 BEND	1+190.460 HYD	1+200			STATION

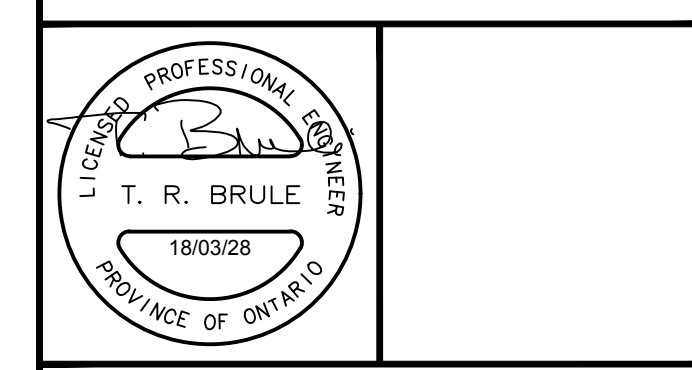


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1	ISSUED FOR CITY APPROVAL	T.R.B.	2018-04-03
No.	REVISIONS	By	Date



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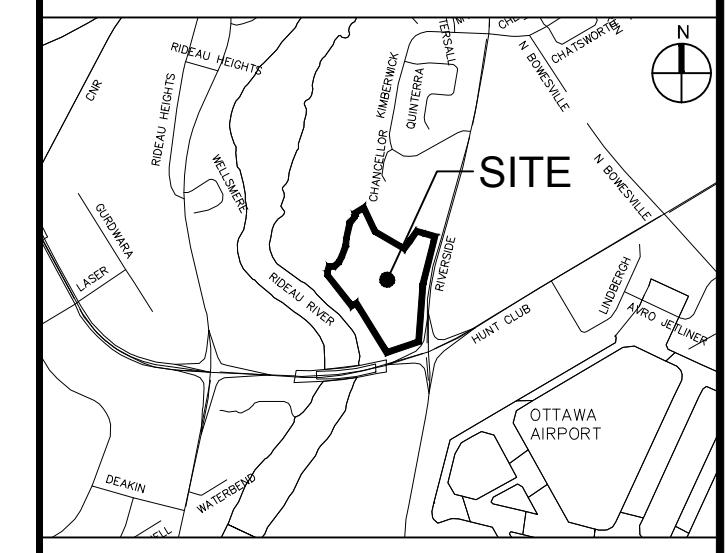
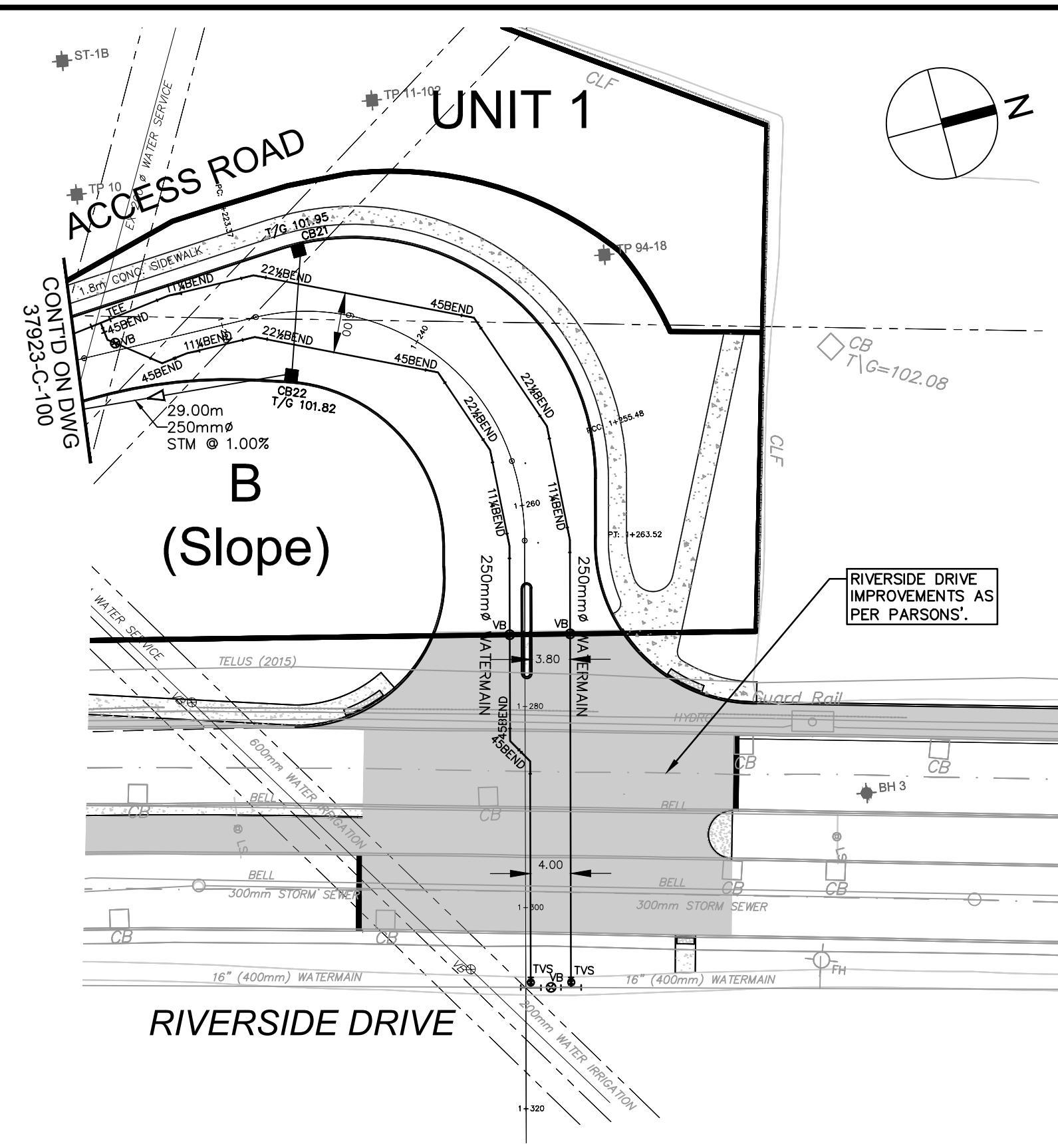
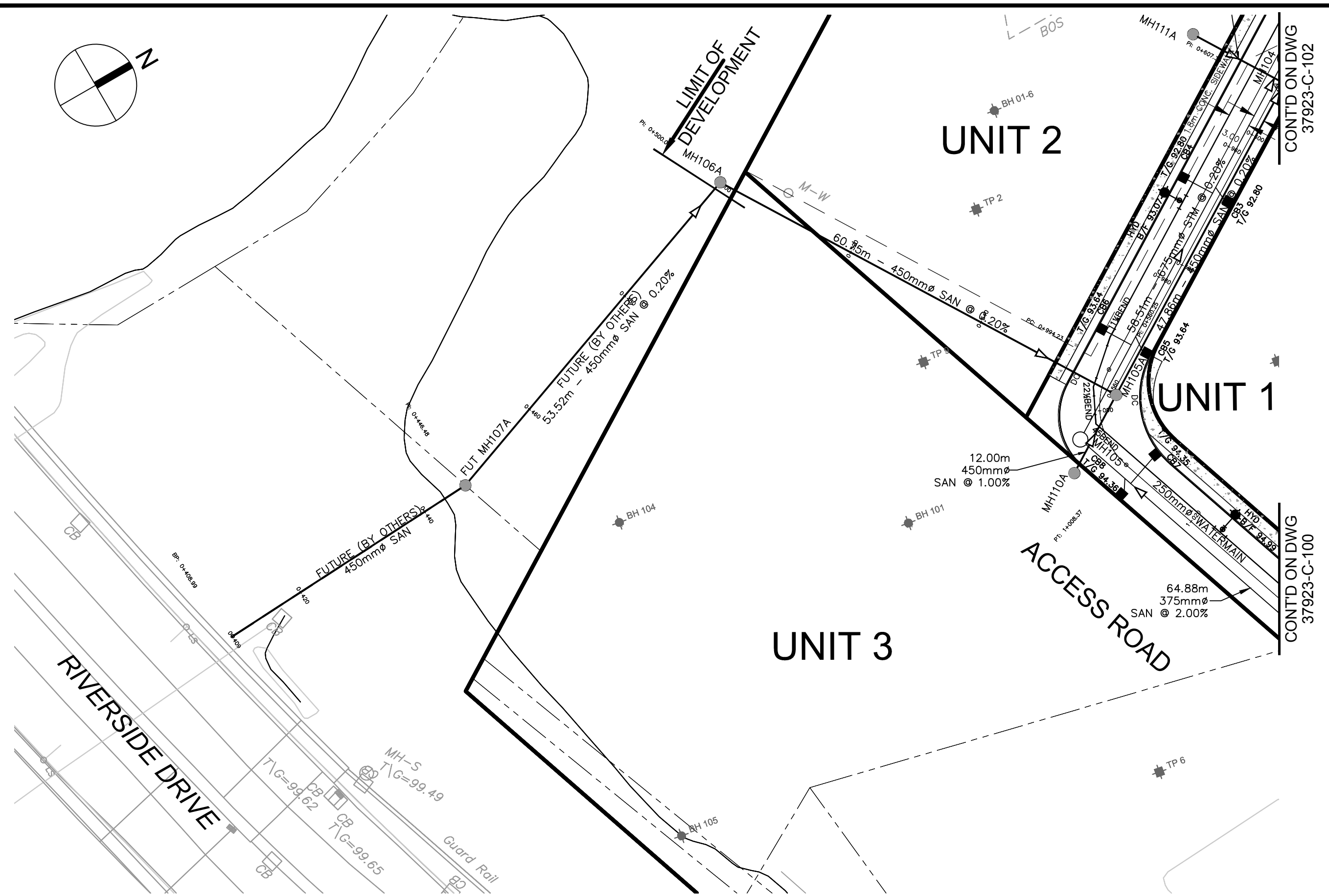
Project Title  
**RIVERSIDE PARK**  
3930 & 3960 RIVERSIDE DR.



Drawing Title <b>ACCESS ROAD</b> STA 0+880 TO 1+200	
Scale	HORIZ. SCALE 1 : 500 VERT. SCALE 1 : 50
Design	J.E.B. Date MARCH 2018
Drawn	D.D. Checked T.R.B.
Project No.	37923 Drawing No. C-100

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 User: J.E.B.

CITY PLAN No.####  
CITY FILE No.####

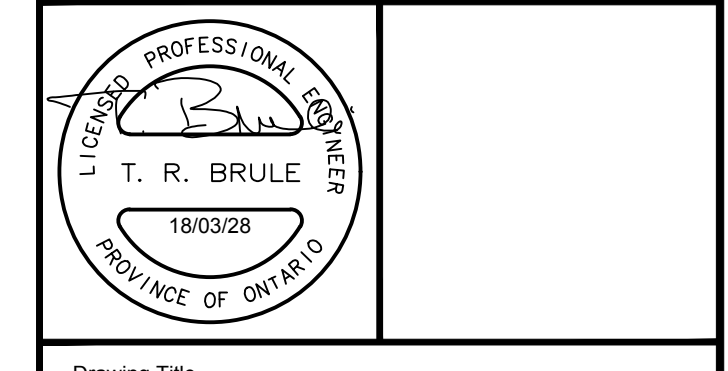


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1	ISSUED FOR CITY APPROVAL	T.R.B. 2018-04-03
No.	REVISIONS	By Date



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Project Title  
**RIVERSIDE PARK**  
 3930 & 3960 RIVERSIDE DR.

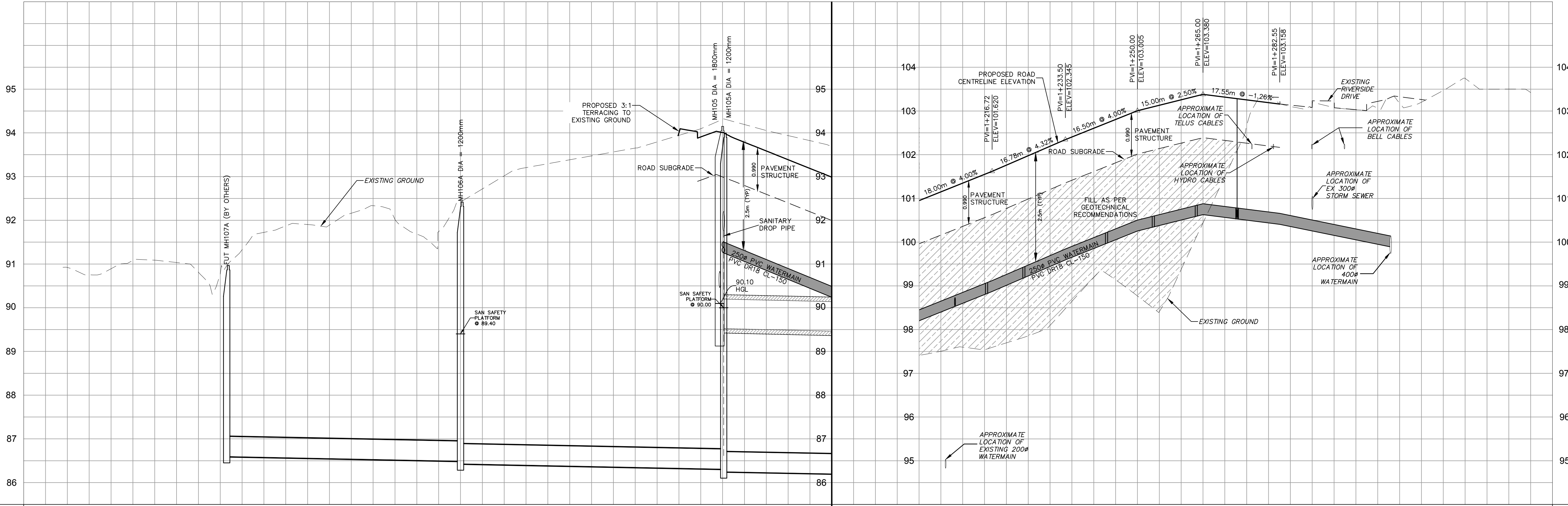


Drawing Title  
**SANITARY SEWER ACCESS ROAD**  
 STA 1+200 TO RIVERSIDE DR.

Scale  
 HORIZ. SCALE 1 : 500  
 VERT. SCALE 1 : 50

Design J.E.B. Date MARCH 2018  
 Drawn D.D./E.H. Checked T.R.B.

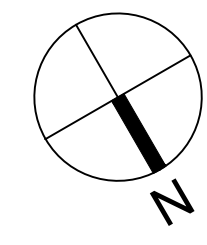
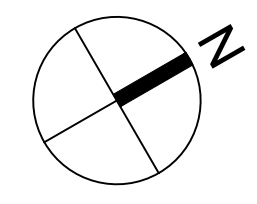
Project No. 37923 Drawing No. C-101



SURFACE GRADE	91.000 90.811	91.250	91.871 91.929	92.000	92.333 92.309	91.515	92.977	93.294	93.525	93.653	94.091	94.309	94.045	93.921		ROAD GRADE
TOP OF WATERMAIN											91.507					TOP OF WATERMAIN
STM SEWER INVERT											88.525SW 90.459E	58.51m 675mm# CONC. CL 100-D STM @ 0.20%				STM SEWER INVERT
SAN SEWER INVERT		86.600N	FUTUR (BY OTHERS) 53.52m - 450mm# PVC DR-26 SAN @ 0.20%			86.493S 86.433NE	60.75m - 450mm# PVC DR-26 SAN @ 0.20%				86.313SW 86.233NW	47.86m 450mm# PVC DR-26 SAN @ 0.20%				SAN SEWER INVERT
STATION	0+440		0+460		0+480		0+500		0+520		0+540		0+560			STATION

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 3/28/2018 10:00:00 AM

CITY PLAN No.####  
 CITY FILE No. ####

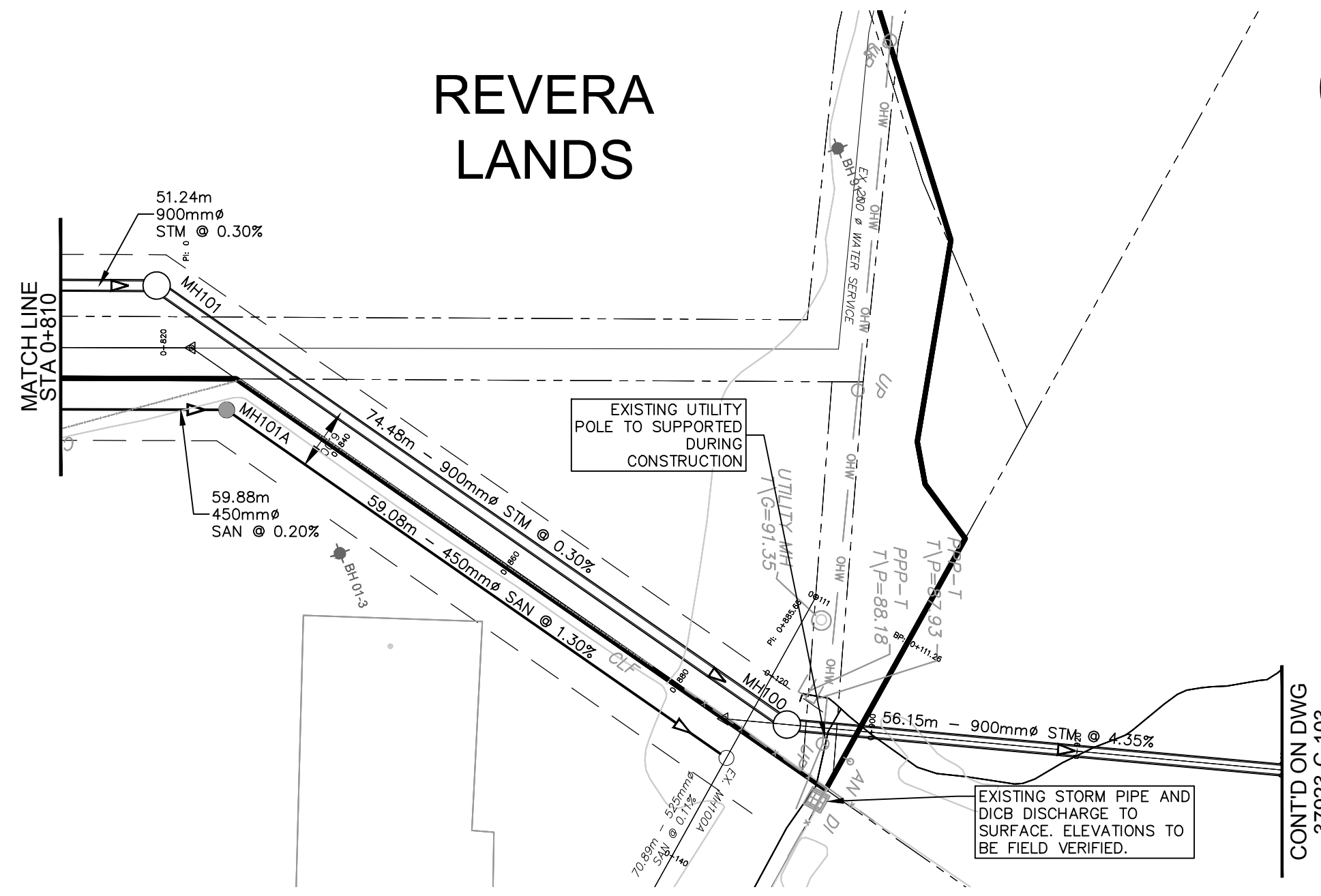
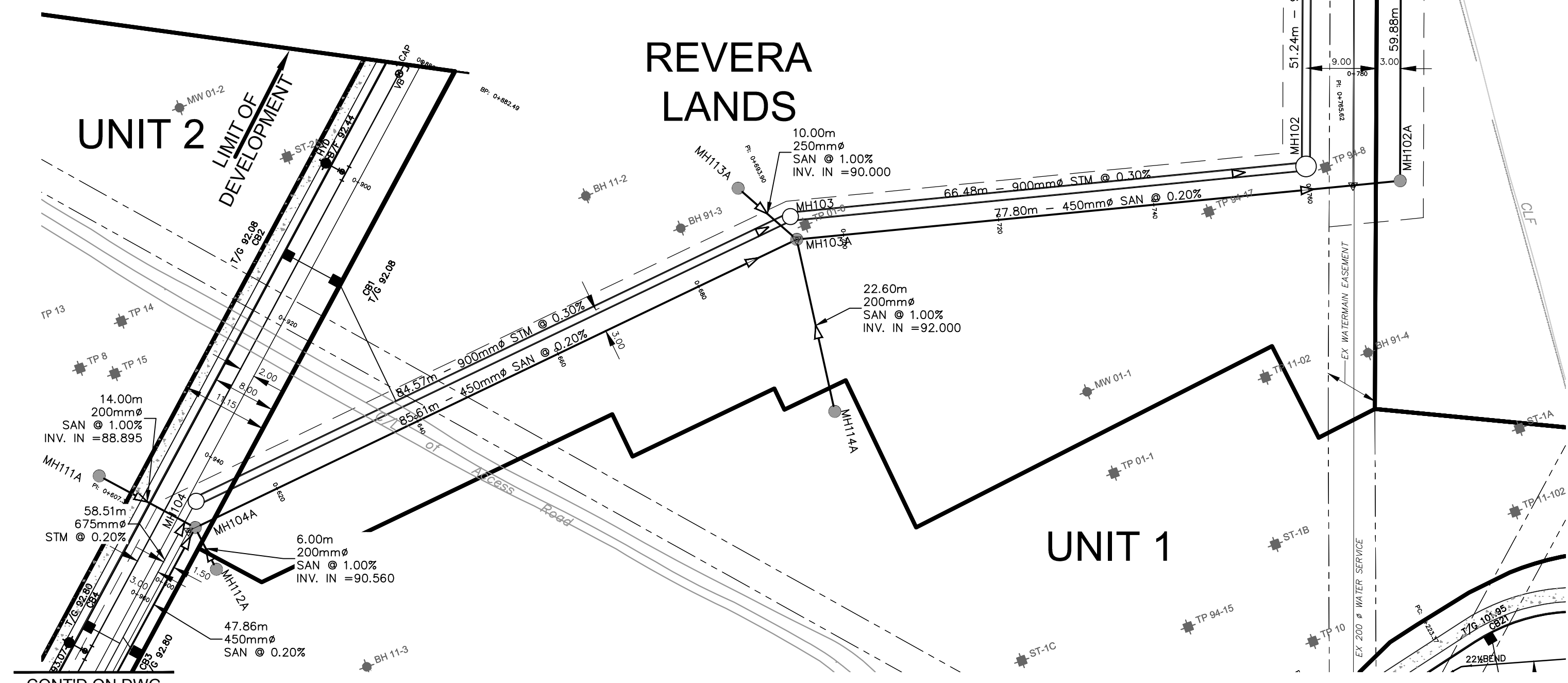


REVERA LANDS

REVERA LANDS

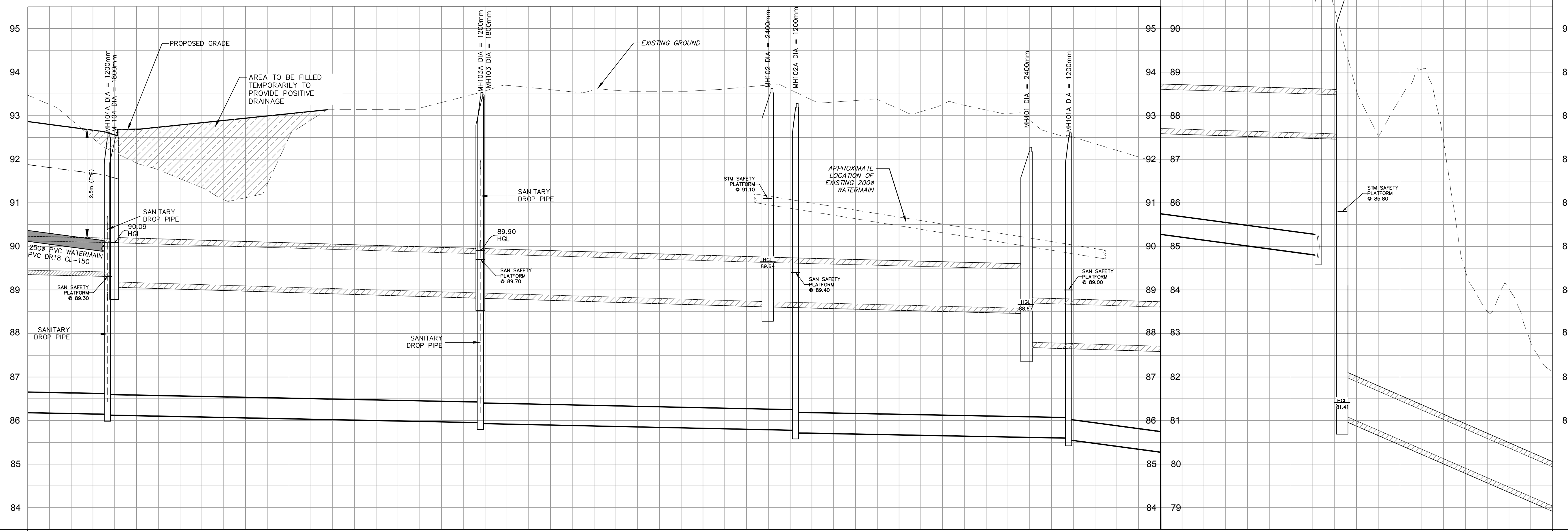
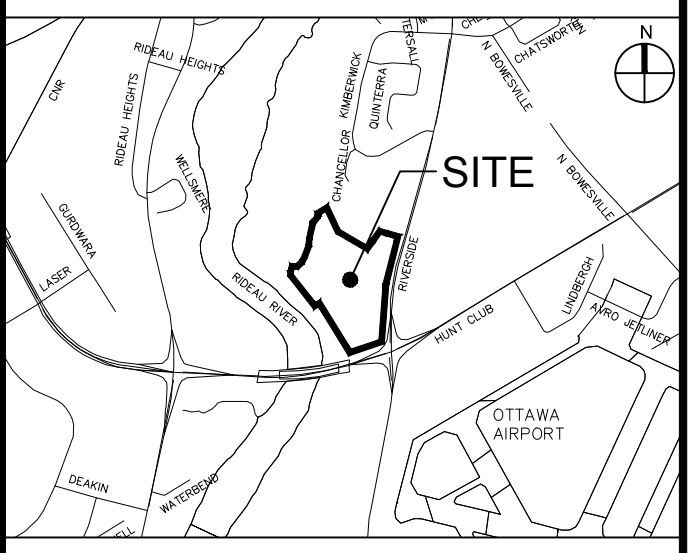
UNIT 2

UNIT 1



CONT'D ON DWG 37923-C-101

CONT'D ON DWG 37923-C-103



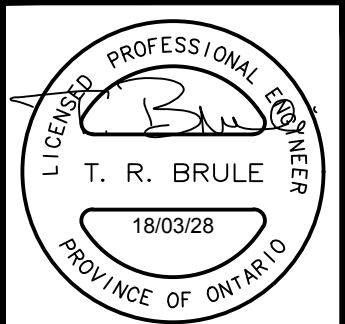
SURFACE GRADE	93.184	92.806	92.283	91.777	91.311	91.117	91.204	93.137	93.136	93.145	93.172	93.532	93.697	93.522	93.588	93.559	93.558	93.705	93.728	93.349	93.385	83.300	93.045	92.892	92.516	92.203	92.019	91.691	91.583	91.387	91.370	88.526	87.542	88.513	86.864	84.439	83.463	82.500	82.114	SURFACE GRADE			
TOP OF WATERMAIN		90.232	90.135																																								TOP OF WATERMAIN
STM SEWER INVERT		58.51m 675mm# CONC. CL 100-D STM @ 0.20%					84.57m - 900mm# CONC. CL 65-D STM @ 0.30%																																				STM SEWER INVERT
SAN SEWER INVERT		47.86m 450mm# PVC DR-26 SAN @ 0.20%					85.61m - 450mm# PVC DR-26 SAN @ 0.20%																																				SAN SEWER INVERT
STATION	0+600		0+620			0+640		0+660		0+680		0+700		0+720		0+740		0+760		0+780		0+800		0+820		0+840		0+860		0+880		0+900		0+920		0+940					STATION		

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1	ISSUED FOR CITY APPROVAL	T.R.B. 2018-04-03
No.	REVISIONS	By Date



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Project Title  
**RIVERSIDE PARK**  
3930 & 3960 RIVERSIDE DR.



Drawing Title  
**SEWER OUTLETS**  
ACCESS ROAD TO STA 0+940

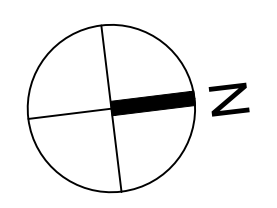
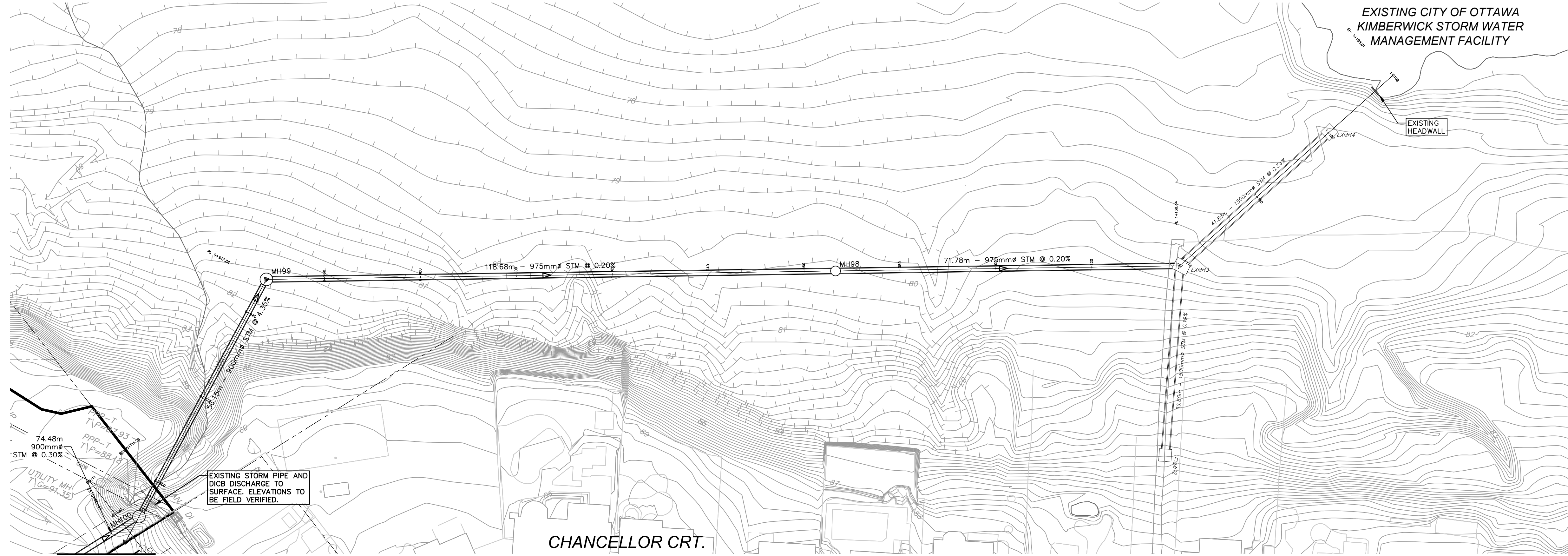
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HORIZ. SCALE 1 : 500  
VERT. SCALE 1 : 50

Design J.E.B. Date MARCH 2018  
Drawn D.D./E.H. Checked T.R.B.

Project No. 37923 Drawing No. C-102

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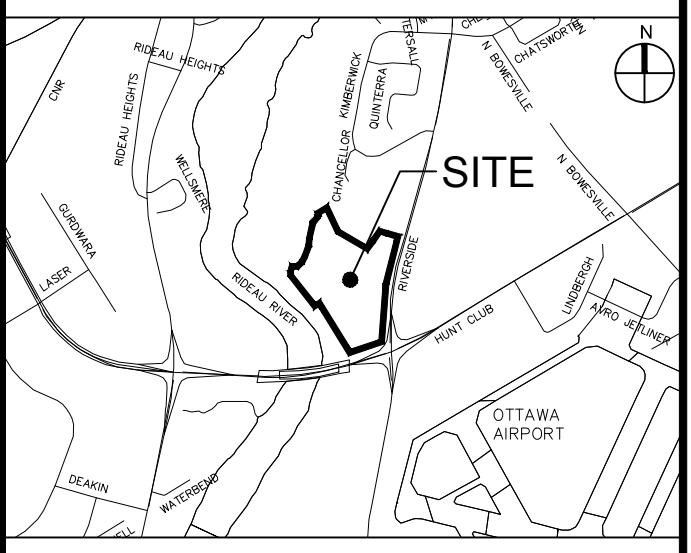
CITY PLAN No.####  
CITY FILE No. ####



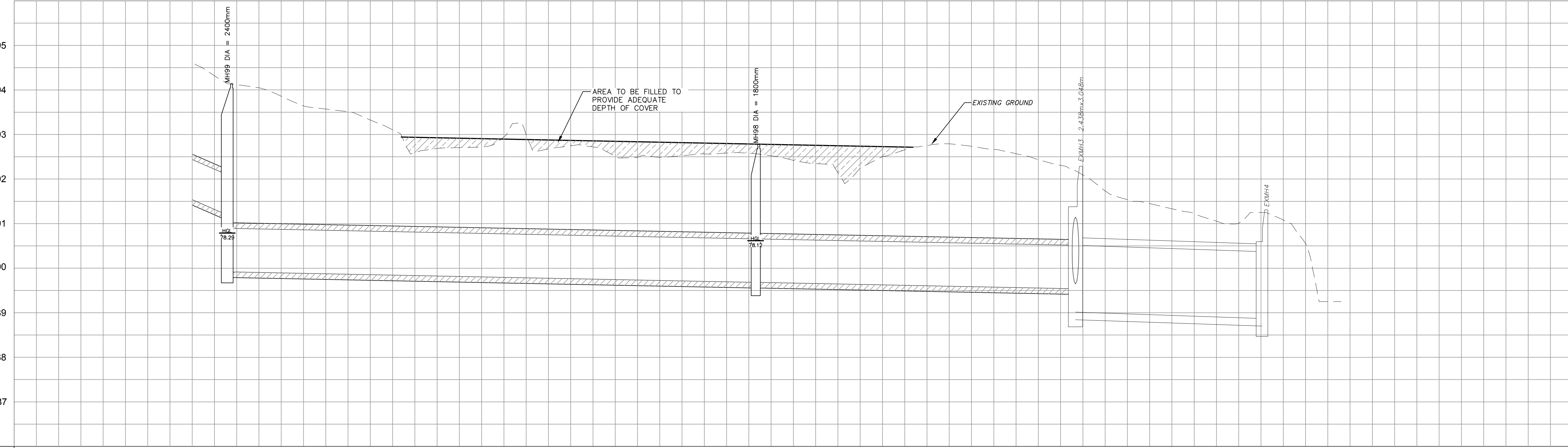
CONT'D ON DWG  
37923-C-102

EXISTING STORM PIPE AND  
DICS DISCHARGE TO  
SURFACE. ELEVATIONS TO  
BE FIELD VERIFIED.

CHANCELLOR CRT.



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1	ISSUED FOR CITY APPROVAL	T.R.B. 2018/04/03
No.	REVISIONS	By Date

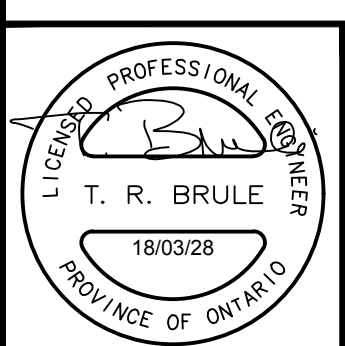


SURFACE GRADE	81.695	81.360	81.008	80.532	80.206	80.217	80.250	80.176	80.267	79.976	79.989	80.067	80.083	80.074	79.890	79.847	79.394	80.080	80.292	80.162	80.162	79.940	79.592	79.592	79.592	79.000	78.834	78.790	78.497	78.750	78.633	76.750
TOP OF WATERMAIN																																
STM SEWER INVERT	78.695E 77.420N	56.15m 900mm CONC. CL 65-D STM @ 4.35%					118.68m - 975mm CONC. CL 65-D STM @ 0.20%							77.183S 77.163N					71.78m - 975mm CONC. CL 65-D STM @ 0.20%					77.039S 77.145E 76.514NW			41.88m 1500mm CONC. CL 100-D STM @ 0.34%		76.372			
SAN SEWER INVERT																																
STATION		0+960	0+980	1+000	1+020	1+040	1+060	1+080	1+100	1+120	1+140	1+160	1+180	1+200																		



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Project Title  
**RIVERSIDE PARK**  
3930 & 3960 RIVERSIDE DR.



Drawing Title  
**STORM OUTLET**  
STA 0+940 TO EXISTING POND

Scale  
HORIZ. SCALE 1 : 500  
VERT. SCALE 1 : 50

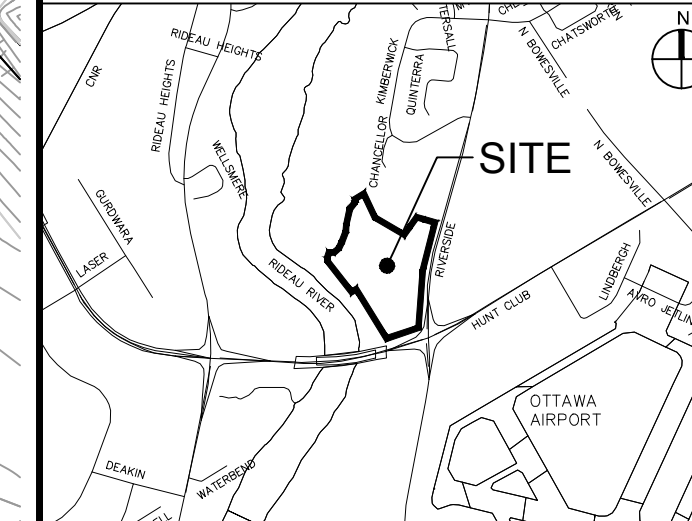
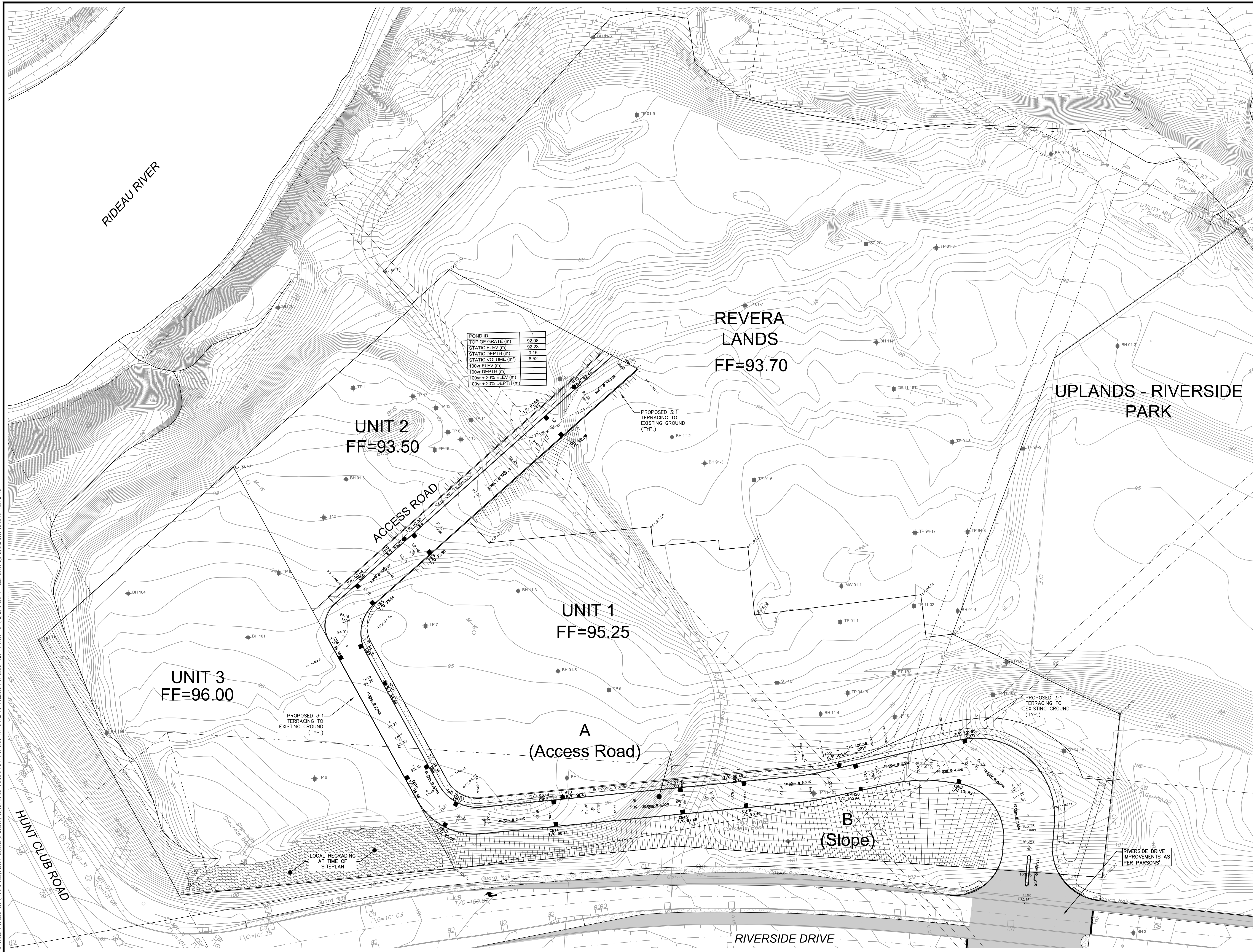
Design	J.E.B.	Date	MARCH 2018
Drawn	D.D. / E.H.	Checked	T.R.B.

Project No.	37923	Drawing No.	C-103
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 User: T.R.Brule  
 Date: 2018-03-28 10:00:00 AM  
 Plot Scale: 1:25.4  
 Plot Date: 2018-03-28 10:00:00 AM  
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 Plot Title: STORM OUTLET STA 0+940 TO EXISTING POND

CITY PLAN No. #####  
CITY FILE No. #####



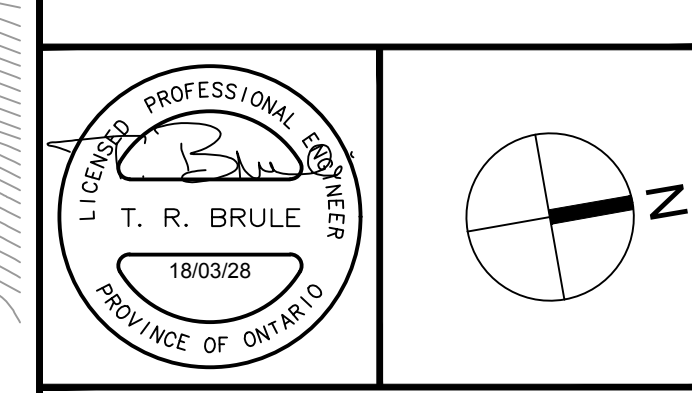


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No.	REVISIONS	By	Date



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Project Title  
**RIVERSIDE PARK**



Drawing Title  
**GRADING PLAN**

Scale  
 1 : 500

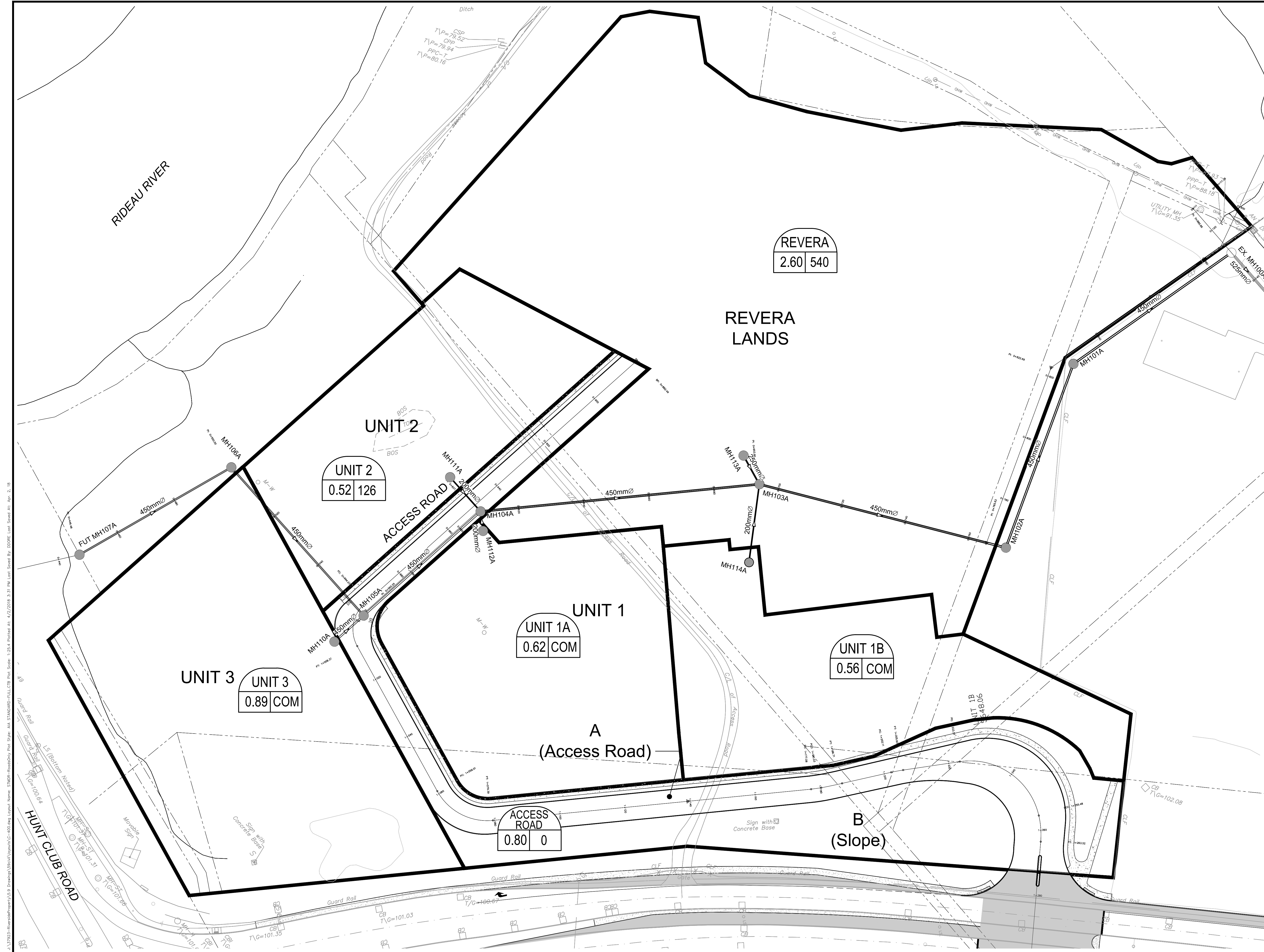
Design  
 J.E.B. Date  
 MARCH 2018

Drawn  
 D.D./E.H. Checked  
 T.R.B.

Project No.  
 37923 Drawing No.  
 C-200

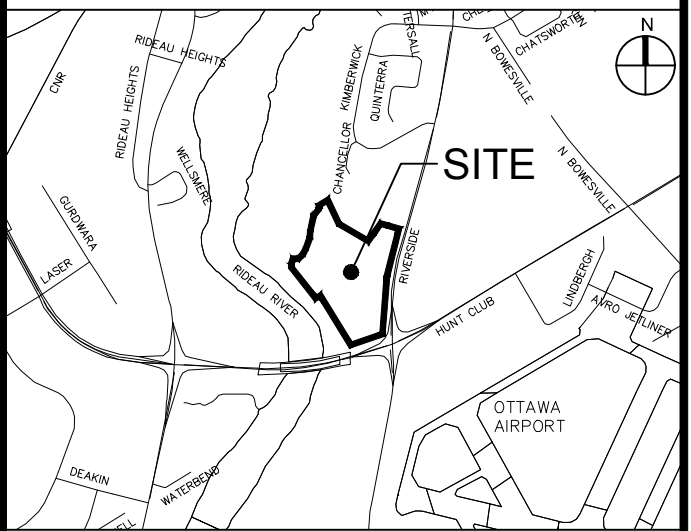
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CITY PLAN No.####  
 CITY FILE No. ####



**LEGEND:**

- UNIT 1B (0.56 | 540) - AREA NUMBER
- POPULATION (COM=COMMERCIAL)
- AREA IN HECTARES
- AREA BOUNDARY



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No.	REVISIONS	By	Date



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Project Title  
**RIVERSIDE PARK**  
 3930 & 3960 RIVERSIDE DR.

T. R. BRULE  
180328  
PROVINCE OF ONTARIO

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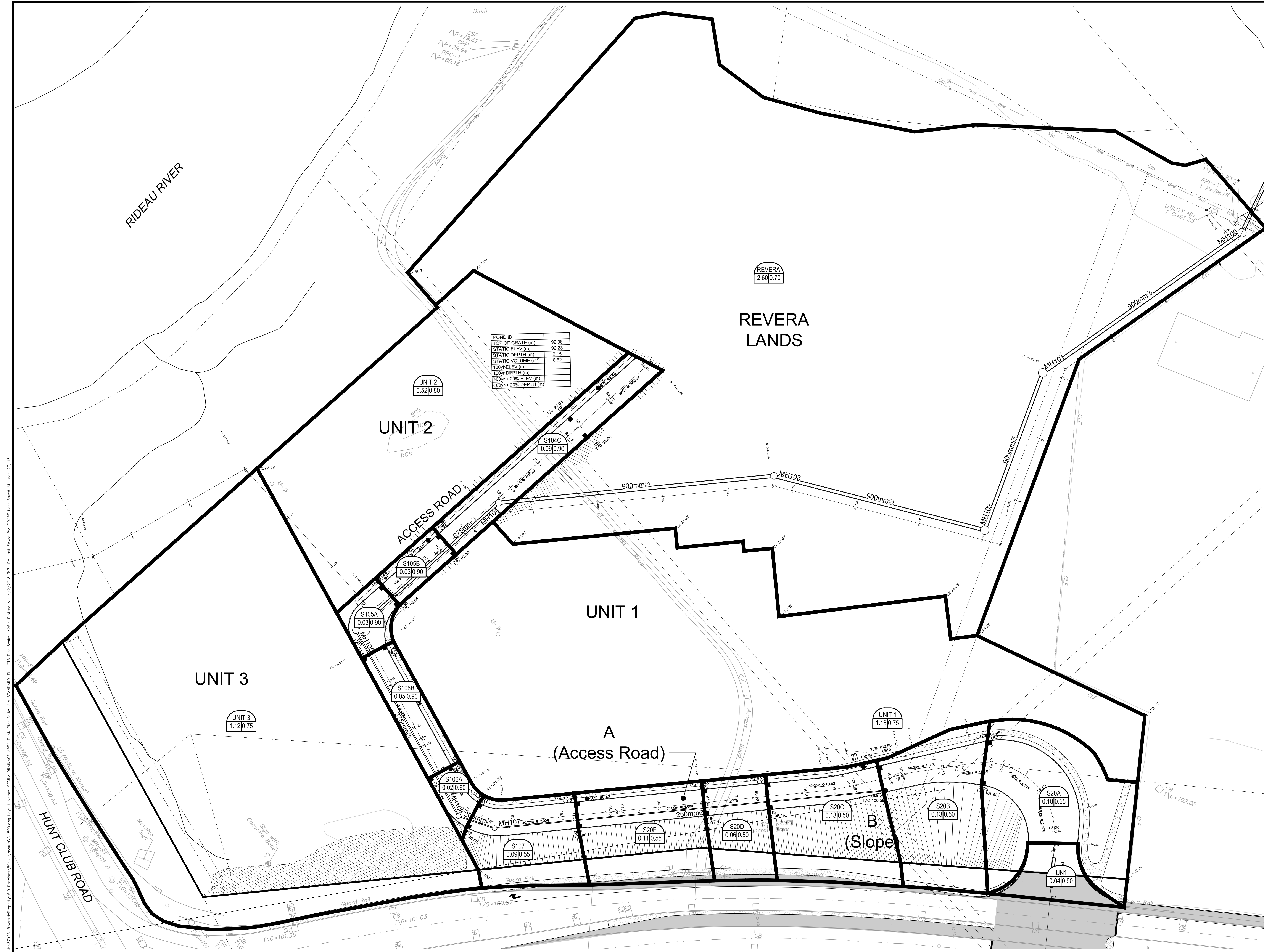
Drawing Title  
**SANITARY DRAINAGE  
 AREA PLAN**

Scale  
 1 : 500

Design J.E.B.	Date MARCH 2018
Drawn D.D. / E.H.	Checked T.R.B.
Project No. 37923	Drawing No. C-400

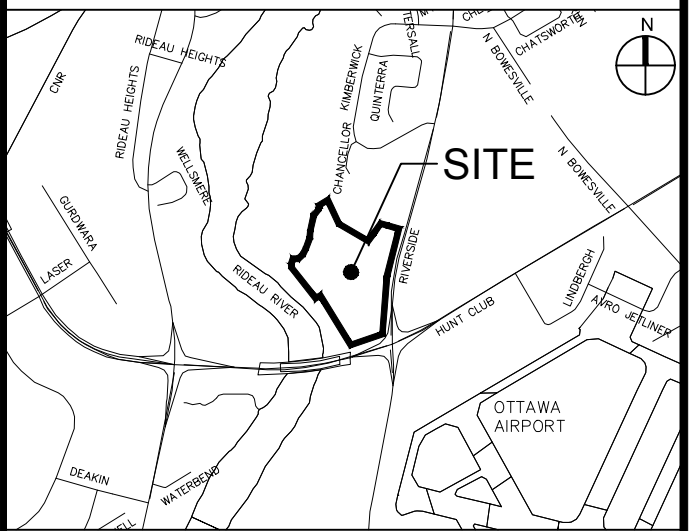
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CITY PLAN No. ####  
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**LEGEND:**

- AREA NUMBER
- RUN OFF COEFFICIENT
- AREA IN HECTARES
- AREA BOUNDARY

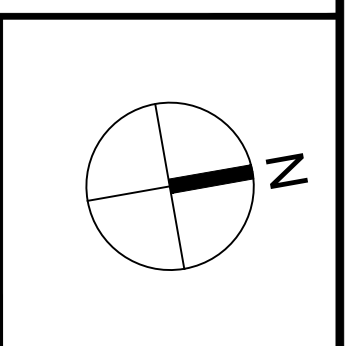
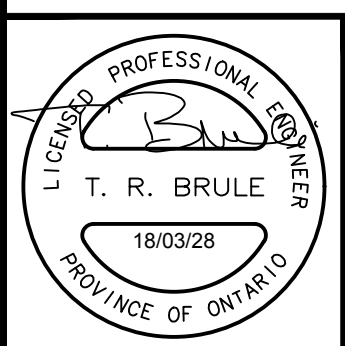


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No.	REVISIONS	By	Date



**IBI GROUP**  
 400 - 333 Preston Street  
 Ottawa ON K1S 5N4 Canada  
 tel 613 225 1311 fax 613 225 9868  
 ibigroup.com

Project Title  
**RIVERSIDE PARK**  
 3930 & 3960 RIVERSIDE DR.



Drawing Title  
**STORM DRAINAGE**  
**AREA PLAN**

Scale  
 1 : 500

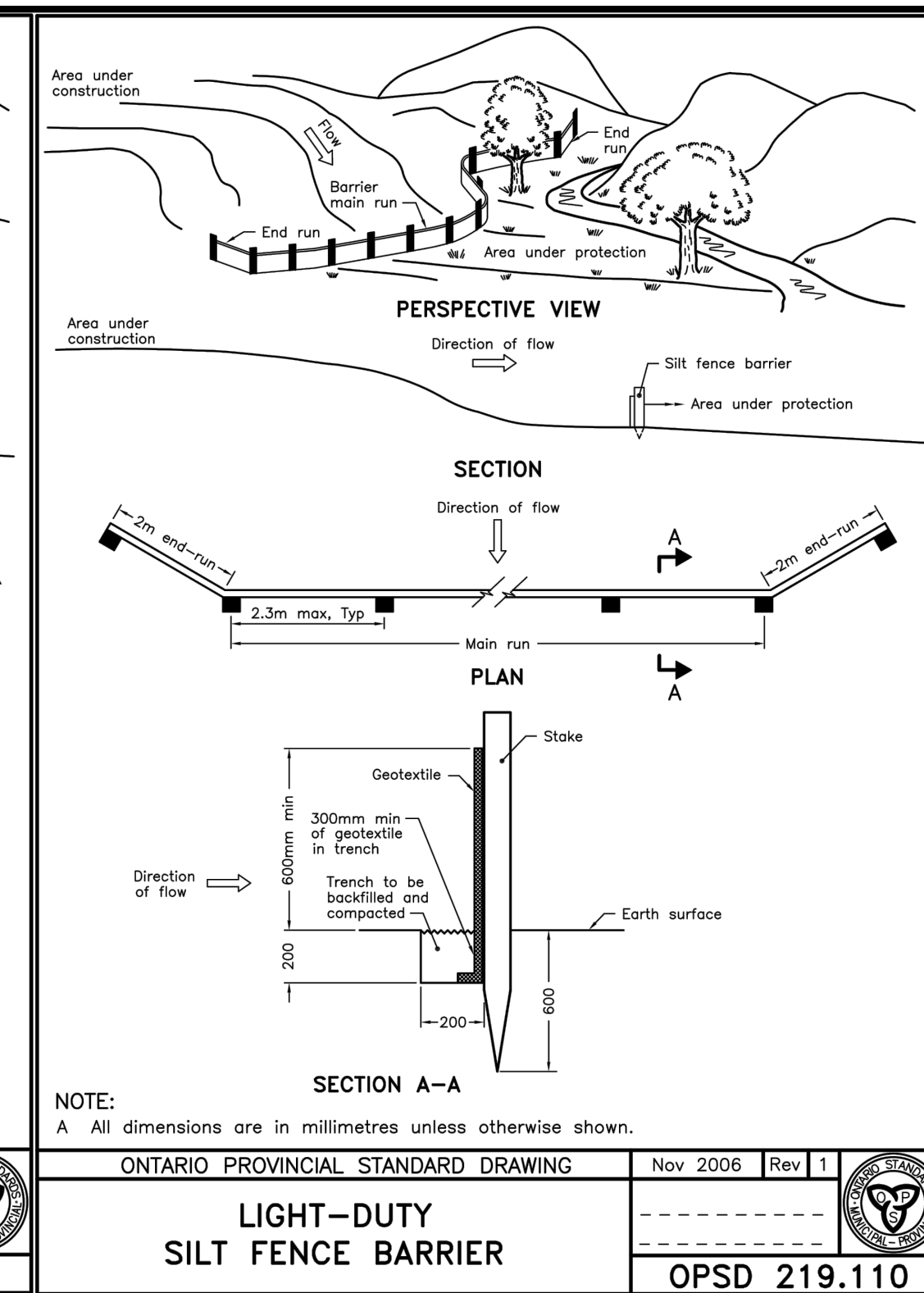
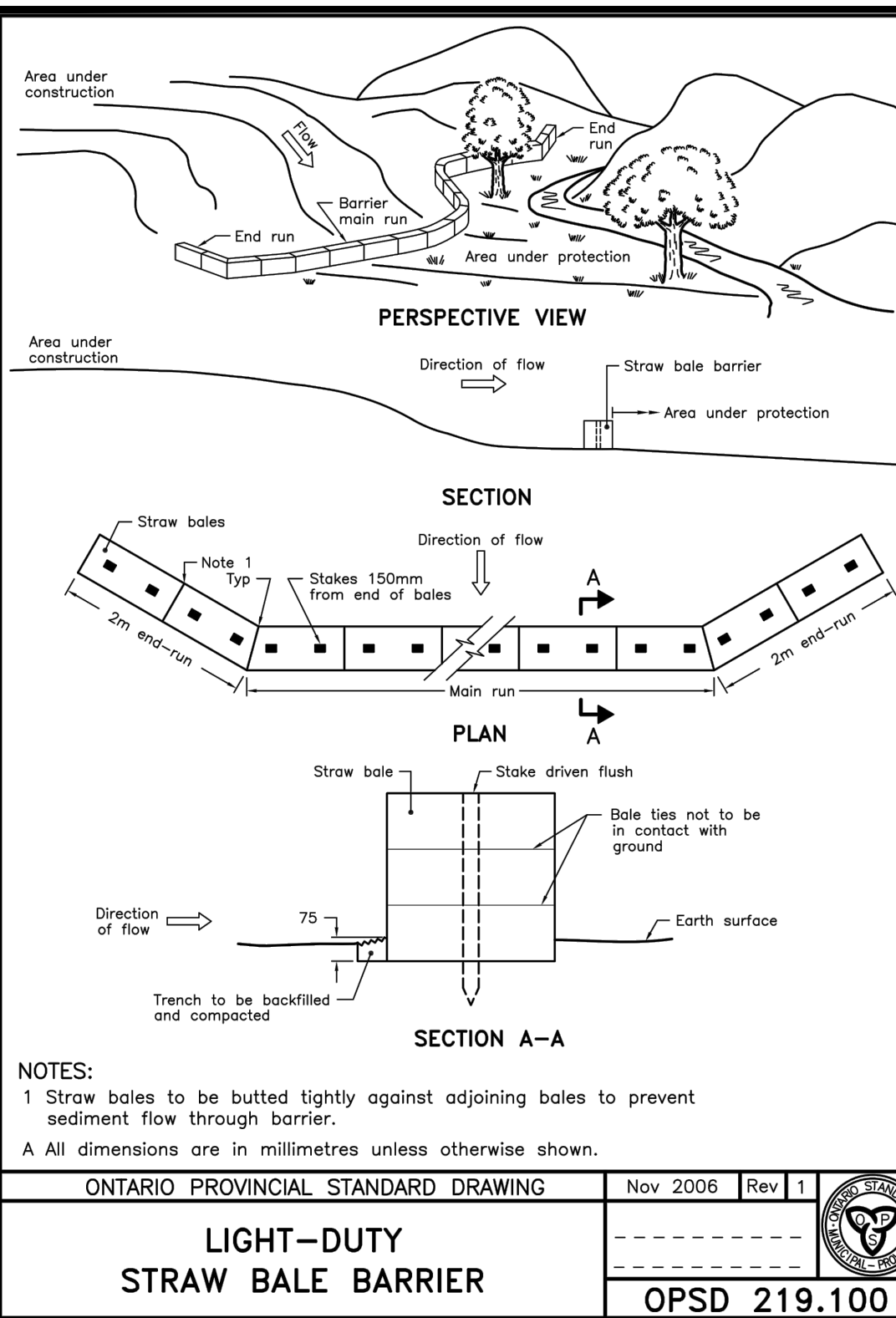
Design  
 J.E.B.      Date  
 MARCH 2018

Drawn  
 D.D. / E.H.      Checked  
 T.R.B.

Project No.  
**37923**      Drawing No.  
**C-500**

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CITY PLAN No. ###  
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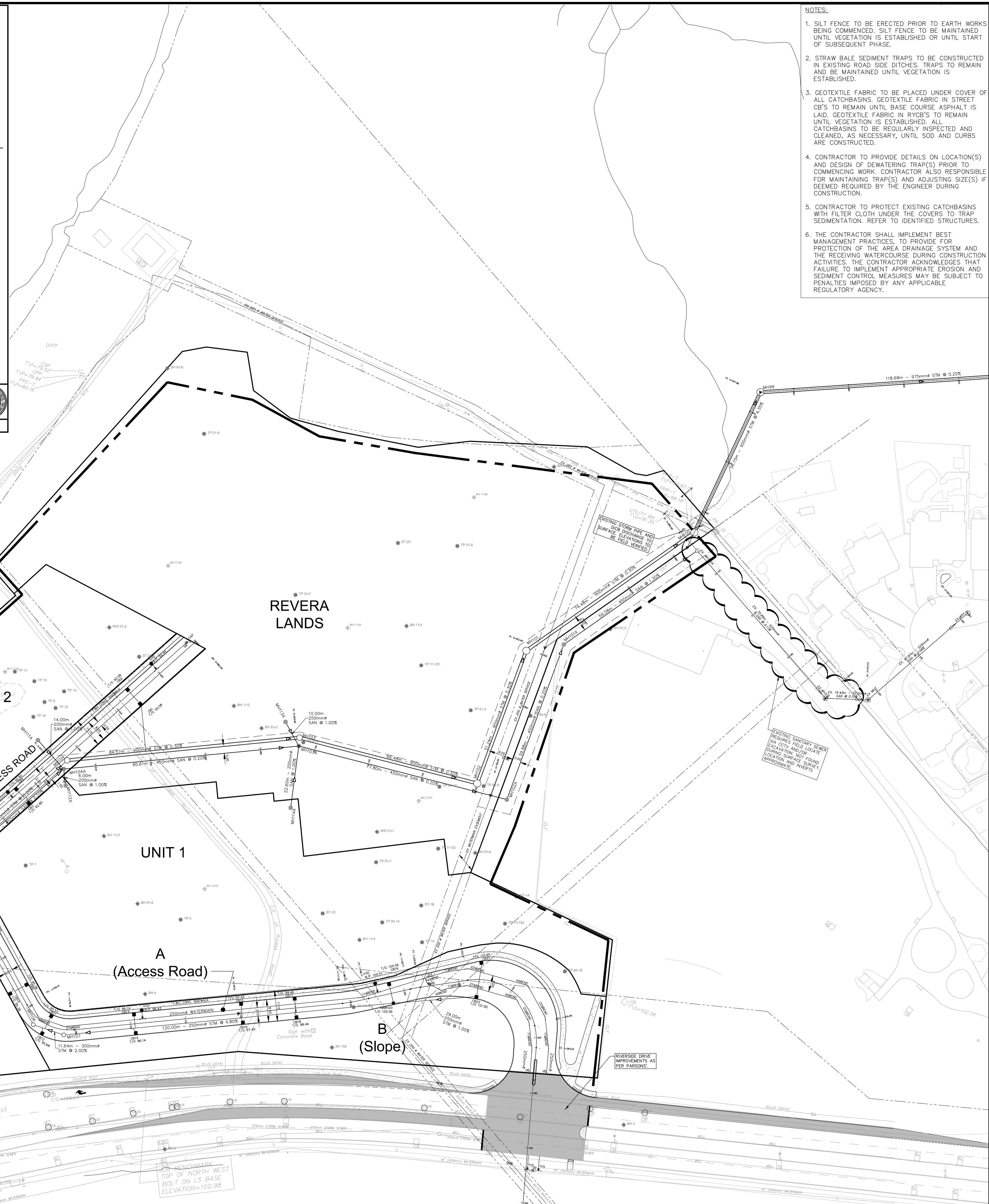


ONTARIO PROVINCIAL STANDARD DRAWING Nov 2006 Rev 1

LIGHT-DUTY STRAW BALE BARRIER  
OPSD 219.100

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2006 Rev 1

LIGHT-DUTY SILT FENCE BARRIER  
OPSD 219.110



- NOTES:
- SILT FENCE TO BE ERECTED PRIOR TO EARTH WORKS BEING COMMENCED. SILT FENCE TO BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED OR UNTIL START OF SUBSEQUENT PHASE.
  - STRAW BALE SEDIMENT TRAPS TO BE CONSTRUCTED IN EXISTING ROAD SIDE DITCHES. TRAPS TO REMAIN AND BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED.
  - GEOTEXTILE FABRIC TO BE PLACED UNDER COVER OF ALL CATCHBASINS. GEOTEXTILE FABRIC IN STREET CB'S TO REMAIN UNTIL BASE COURSE ASPHALT IS LAID. GEOTEXTILE FABRIC IN RYCB'S TO REMAIN UNTIL VEGETATION IS ESTABLISHED. ALL CATCHBASINS TO BE REGULARLY INSPECTED AND CLEANED, AS NECESSARY, UNTIL SOD AND CURBS ARE CONSTRUCTED.
  - CONTRACTOR TO PROVIDE DETAILS ON LOCATION(S) AND DESIGN OF DEWATERING TRAP(S) PRIOR TO COMMENCING WORK. CONTRACTOR ALSO RESPONSIBLE FOR MAINTAINING TRAP(S) AND ADJUSTING SIZE(S) IF DEEMED REQUIRED BY THE ENGINEER DURING CONSTRUCTION.
  - CONTRACTOR TO PROTECT EXISTING CATCHBASINS WITH FILTER CLOTH UNDER THE COVERS TO TRAP SEDIMENTATION. REFER TO IDENTIFIED STRUCTURES.
  - THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

- NOTES:
- SEE DETAIL DRAWING C-010 FOR ADDITIONAL DETAILS AND NOTES.
  - SITE BENCHMARK TO BE OBTAINED FROM LEGAL SURVEYOR ANNIS, O'SULLIVAN, VOLLEBEK LTD.

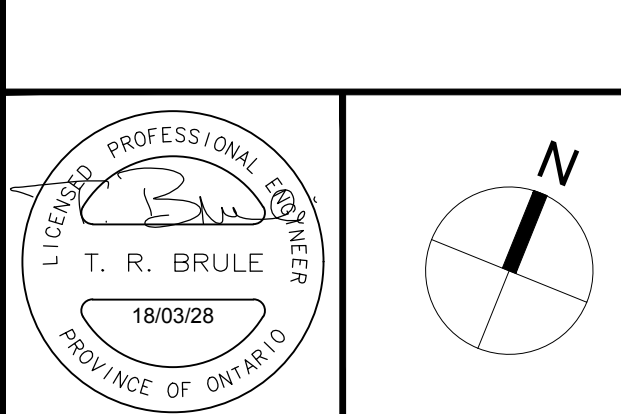


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No.	REVISIONS	By	Date		



IBI GROUP  
400 - 333 Preston Street  
Ottawa ON K1S 5N4 Canada  
tel 613 225 1311 fax 613 225 9888  
ibigroup.com

Project Title  
RIVERSIDE PARK



Drawing Title  
EROSION AND SEDIMENTATION CONTROL PLAN

Scale  
1:750

Design	J.E.B.	Date	MAR 2018
Drawn	D.D.	Checked	T.R.B.

Project No.	37923	Drawing No.	C-900
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CITY PLAN No. #### CITY FILE No. ####