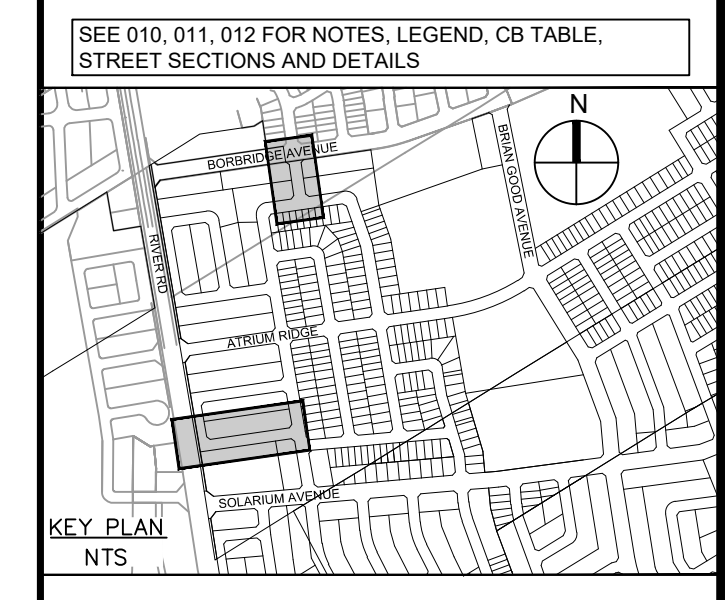


STATION	SAN SEWER INVERT	TOP OF WATERMAIN	ROAD GRADE
0+310	86.953E	88.100	90.530
0+320		88.130	90.542
0+330		88.031	90.531
0+340		87.950	90.545
0+350		87.998	90.750
0+360		88.145	90.710
0+380		88.250	90.570
0+400		88.210	90.572
0+420		88.000	90.572
0+440		88.072	90.572
0+460		88.215	90.575
0+480		88.358	90.558
0+490		88.434	90.558
0+500		88.489	90.589
0+510		88.539	91.039
9+940		88.617	91.117
9+950		88.544	90.989
9+960		88.314	90.777
9+970		88.404	90.804
9+980		88.276	90.776
9+990		88.201	90.701
10+000		88.120	90.620
10+010		88.749	90.710
10+020		87.737	90.237
10+030		87.377	89.810
10+040		87.236	89.798
10+050		87.145	89.635
10+060		87.300	89.800
10+070		87.210	89.710
10+080		87.135	89.635
10+090		87.047	89.547

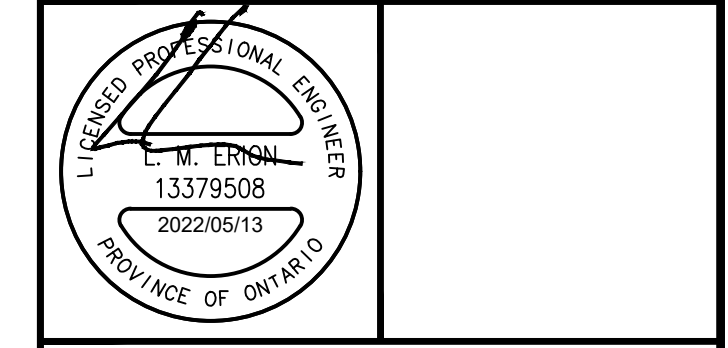


No.	REVISIONS	By	Date
14			
13			
12			
11			
10			
9	REVISED UNITS ALONG SOLARIUM AVE & LUNAR GLOW CRES	L.M.E	2022-05-13
8	MILESTONE REISSUE TO CONTRACTOR	L.M.E	2020-06-12
7	REVISED SERVICE LATERALS	L.M.E	2019-02-26
6	ISSUED FOR CONSTRUCTION	L.M.E	2018-11-23
5	REVISED PER CITY COMMENTS	L.M.E	2018-11-09
4	ISSUED FOR SEWER CONSTRUCTION	L.M.E	2018-10-15
3	REVISED PER CITY COMMENTS	L.M.E	2018-10-02
2	ISSUED FOR TENDER	L.M.E	2018-08-31
1	SUBMISSION 1 FOR CITY REVIEW	L.M.E	2018-07-13

**Riverside South**

**IBI GROUP**  
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 Oakville ON, K1S 5N4 Canada  
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 ibigroup.com

Project Title  
**RIVERSIDE SOUTH**  
 PHASE 15 - 1A



Drawing Title  
**LUNAR GLOW CRESCENT & ORBITOR LANE**  
 0+310 TO 0+510 & 9+940 TO 10+060

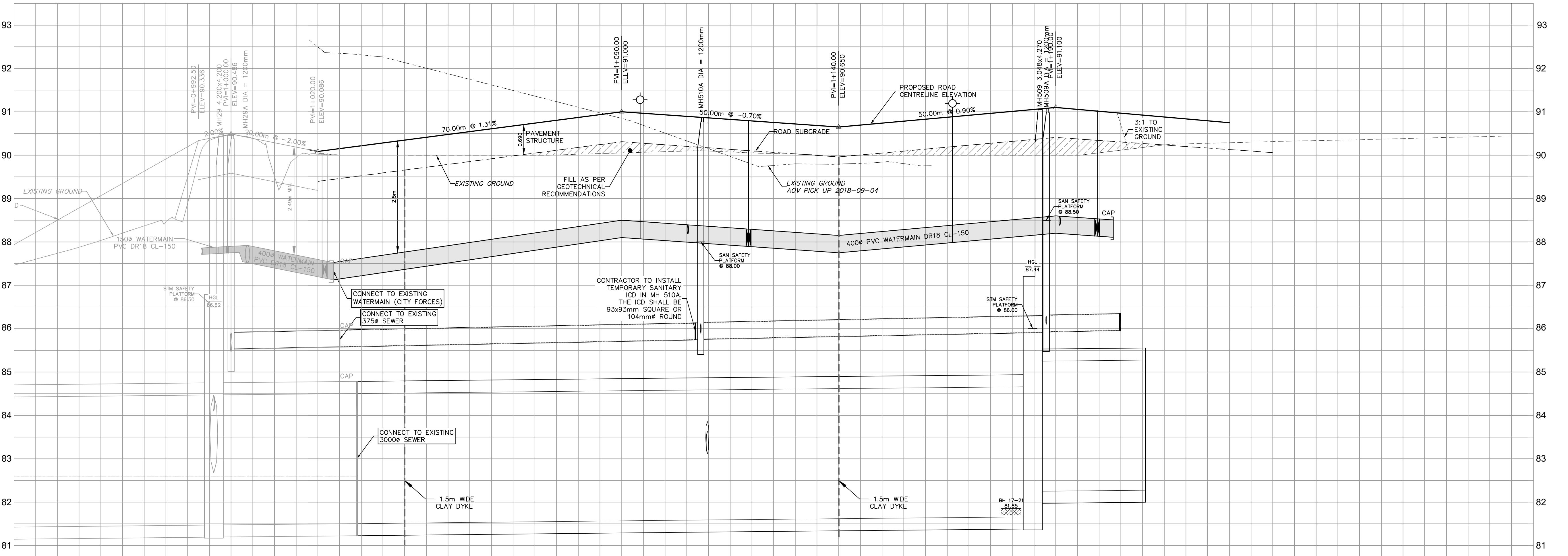
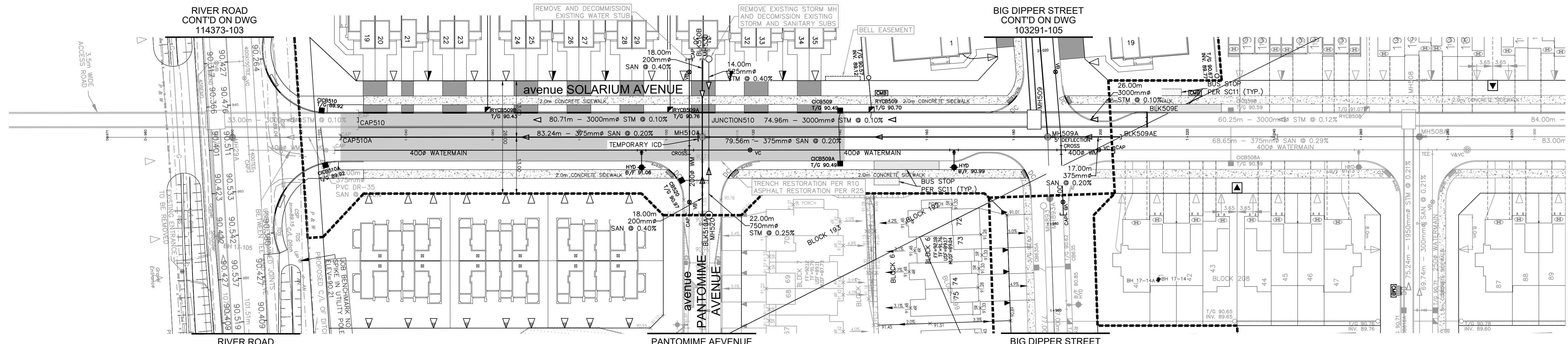
Scale  
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 VERT. SCALE 1 : 50

Design	L.E.	Date	JULY 2018
Drawn	C.C.	Checked	L.E.

Project No.	103291	Drawing No.	108
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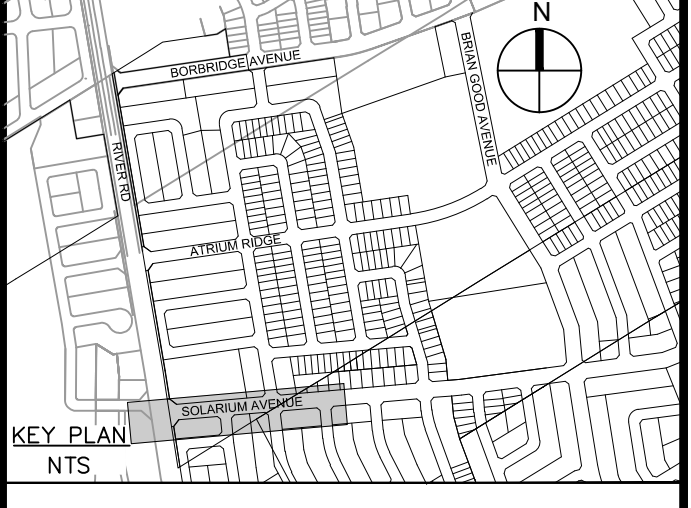
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ROAD GRADE	TOP OF WATERMAIN	STM SEWER INVERT	SAN SEWER INVERT	STATION	ROAD GRADE	TOP OF WATERMAIN	STM SEWER INVERT	SAN SEWER INVERT	STATION
90.336	87.861	81.472W	85.932	0+960	90.347	87.767	81.505	85.932	0+980
90.686	87.882	84.097N	85.460V	0+980	90.008	86.060	81.505	85.460V	1+060
90.086	87.596	33.00m 3000mm CONC. CL 100-D STM @ 0.10%	25.00m 375mm PVC DR-26 SAN @ 0.20%	1+020	90.869	88.353	80.71m - 3000mm CONC. CL 100-D STM @ 0.10%	83.24m - 375mm PVC DR-35 SAN @ 0.20%	1+080
90.886	87.595	81.505	85.585	1+040	91.000	88.470	81.505	85.585	1+100
90.930	88.430	81.505	85.585	1+100	90.790	88.295	81.505	85.585	1+120
90.650	88.150	81.505	85.585	1+140	90.830	88.330	74.96m - 3000mm CONC. CL 100-D STM @ 0.10%	79.56m - 375mm PVC DR-35 SAN @ 0.20%	1+160
90.830	88.386	81.505	85.585	1+180	91.010	88.510	81.505	85.585	1+200
91.100	88.590	81.505	85.585	1+220	91.100	88.590	26.00m 3000mm CONC. CL 100-D STM @ 0.10%	17.00m 375mm PVC DR-35 SAN @ 0.20%	1+280
82.276	88.507	81.505	85.585	1+300					

SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS

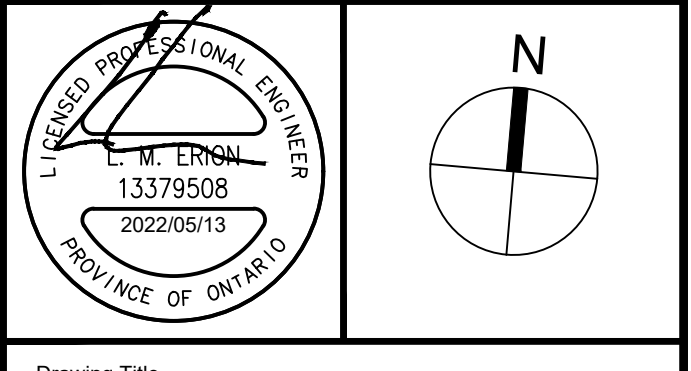


No.	REVISIONS	By	Date
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13			
12			
11	REVISED UNITS ALONG SOLARIUM AVE & LUNAR GLOW CRES	L.M.E.	2022-06-13
10	MILESTONE REISSUE TO CONTRACTOR	L.M.E.	2020-06-12
9	REVISED HYDRANT LOCATION	L.M.E.	2019-02-27
8	REVISED SERVICE LATERALS	L.M.E.	2019-02-26
7	REVISED PER NEW LEGAL	L.M.E.	2019-01-30
6	ISSUED FOR CONSTRUCTION	L.M.E.	2018-11-23
5	REVISED PER CITY COMMENTS	L.M.E.	2018-11-09
4	ISSUED FOR SEWER CONSTRUCTION	L.M.E.	2018-10-15
3	REVISED PER CITY COMMENTS	L.M.E.	2018-10-02
2	ISSUED FOR TENDER	L.M.E.	2018-08-31
1	SUBMISSION 1 FOR CITY REVIEW	L.M.E.	2018-07-13



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Project Title  
**RIVERSIDE SOUTH**  
 PHASE 15 - 1A



Drawing Title  
**SOLARIUM AVENUE**  
 0+970 TO 1+300

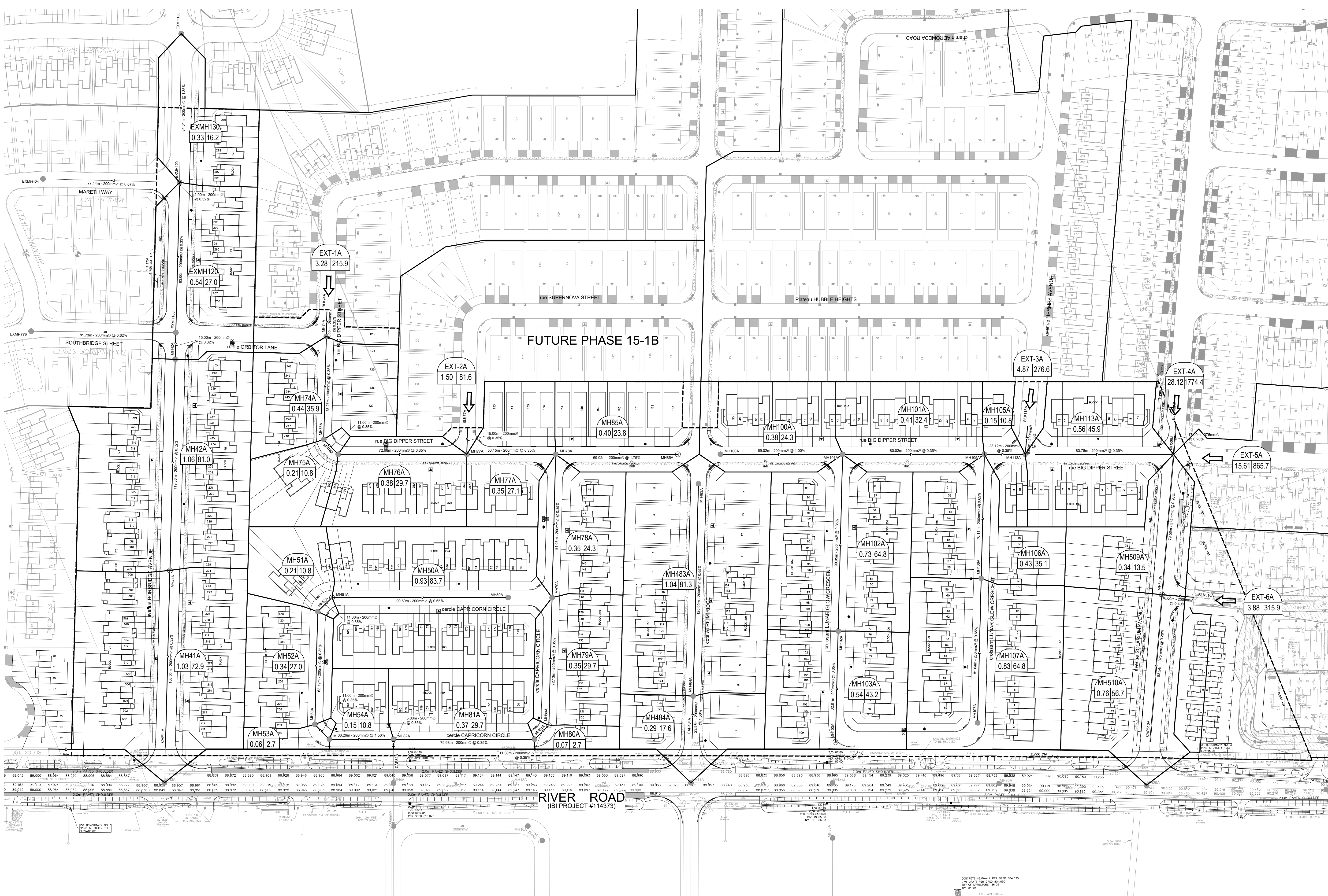
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	VERT. SCALE 1 : 50
Design	L.E.
Date	JULY 2018
Drawn	C.C.
Checked	L.E.
Project No.	103291
Drawing No.	109

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**LEGEND :**

MH78A — AREA IDENTIFICATION  
0.35/24.3 — POPULATION  
AREA IN HECTARES

135A-1 — AREA IDENTIFICATION  
2.47 — INSTITUTIONAL AREA @ 50 000L/s/ha

POPULATION :

SINGLE FAMILY = 3.4 PPU  
TOWNHOUSE / SEMIS = 2.7 PPU

SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS

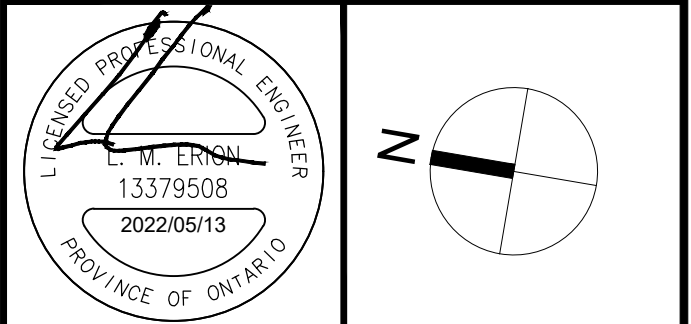


No.	REVISIONS	By	Date
14			
13			
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11			
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8			
7	REVISED UNITS ALONG SOLARUM AVE & LUNAR GLOW CRES	L.M.E	2022-05-13
6	MILESTONE REISSUE TO CONTRACTOR	L.M.E	2020-06-12
4	REVISED PER CITY COMMENTS	L.M.E	2018-11-09
3	REVISED PER CITY COMMENTS	L.M.E	2018-10-02
2	ISSUED FOR TENDER	L.M.E	2018-08-31
1	SUBMISSION 1 FOR CITY REVIEW	L.M.E	2018-07-13



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Project Title  
**RIVERSIDE SOUTH**  
PHASE 15 - 1A



Drawing Title  
**SANITARY DRAINAGE**  
AREA PLAN

Scale  
1 : 1000

Design	L.E.	Date	JULY 2018
Drawn	C.C.	Checked	L.E.
Project No.	103291	Drawing No.	400

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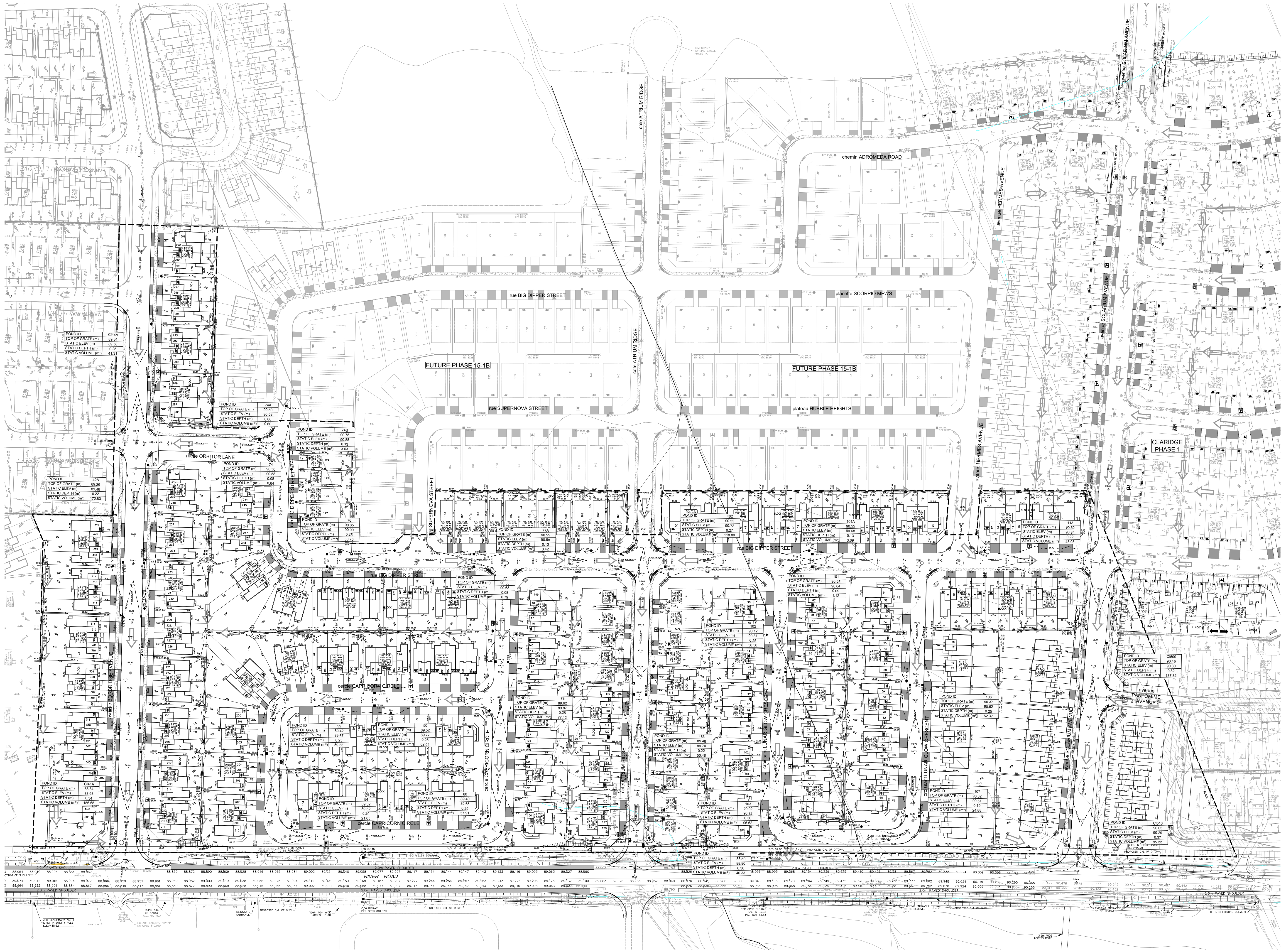
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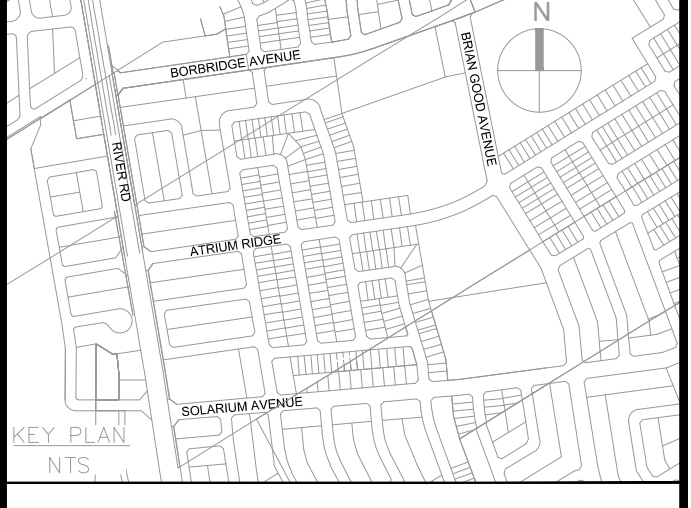








SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS

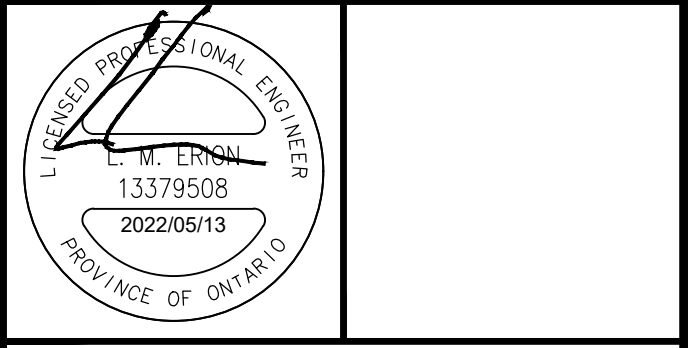


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6	REVISED UNITS ALONG SOLARIUM AVE & LUNAR GLOW CREWS	L.M.E	2022-05-13
5	MILESTONE RESUBMIT TO CONTRACTOR	L.M.E	2020-06-12
4	REVISED PER CITY COMMENTS	L.M.E	2018-11-09
3	REVISED PER CITY COMMENTS	L.M.E	2018-10-02
2	ISSUED FOR TENDER	L.M.E	2018-08-31
1	SUBMISSION 1 FOR CITY REVIEW	L.M.E	2018-07-13
No.	REVISIONS	By	Date



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Project Title  
**RIVERSIDE SOUTH  
PHASE 15 - 1A**



Drawing Title  
**PONDING PLAN**

Scale  
1 : 1000

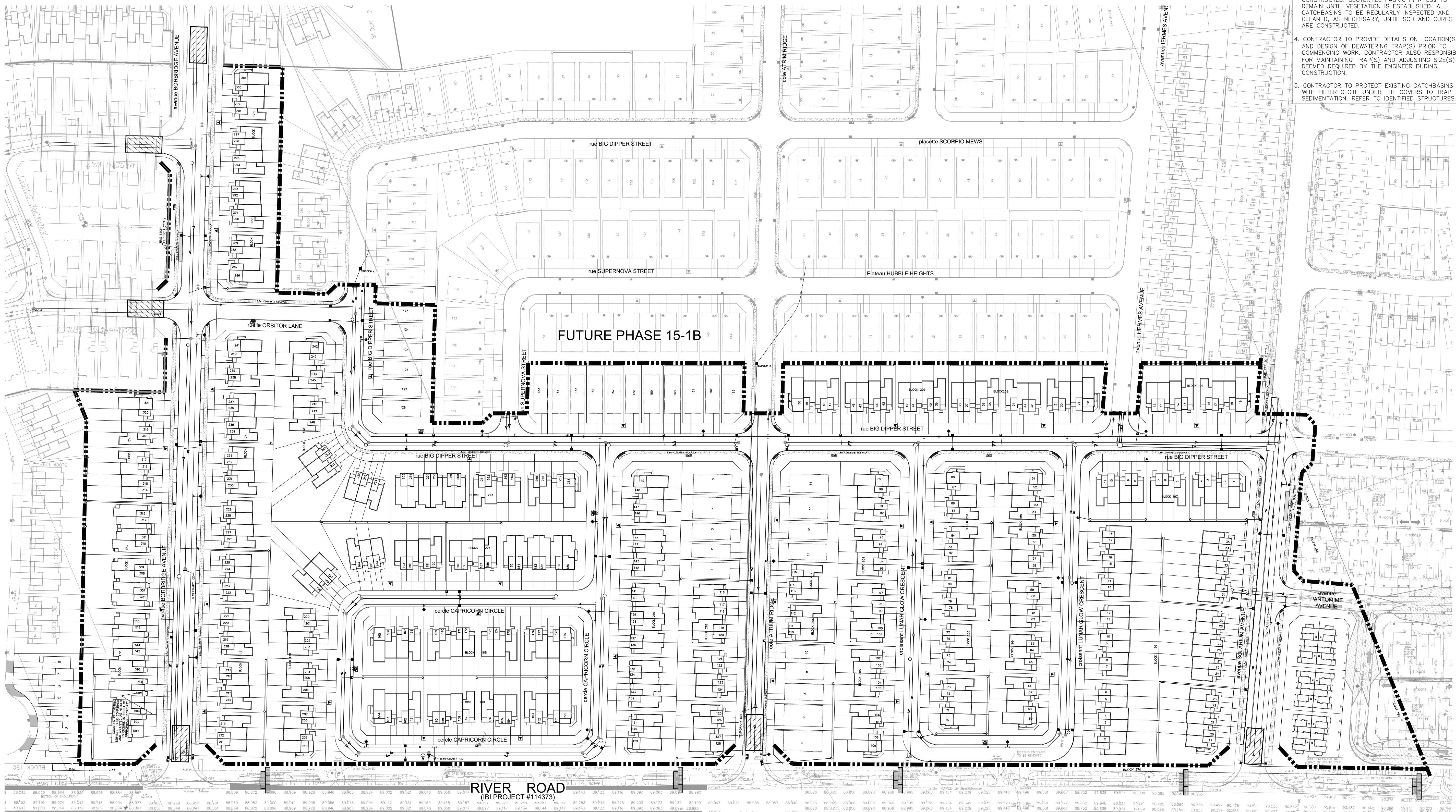
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Drawn	C.C./D.D.	Checked	L.E.
Project No.	103291	Drawing No.	600

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D07-16-17-0023



A:\03291\_RiversideSouth\Drawings\EROSION AND SEDIMENTATION\03291-16-17-0023.DWG: 23/07/2018 14:16:52 User: jay.m... EROSION AND SEDIMENTATION PLAN FOR THE PROJECT #114373



- 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.
  - SILT SACK TO BE PLACED AND MAINTAINED UNDER COVER OF ALL CATCHBASINS. GEOTEXTILE SILT SACK IN STREET C&S TO REMAIN UNTIL ALL CURBS ARE CONSTRUCTED. GEOTEXTILE FABRIC IN RYCES 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.

- LEGEND :**
- LIGHT DUTY SILT FENCE AS PER OPSD-219.110
  - SNOW FENCE
  - STRAW BALE CHECK DAM AS PER OPSD-219.180
  - ROCK CHECK DAM AS PER OPSD-219.210
  - SILT SACK PLACED UNDER EXISTING CB COVER
  - TEMPORARY MUD MAT 0.15m THICK 50mm CLEAR STONE ON NON WOVEN FILTER CLOTH

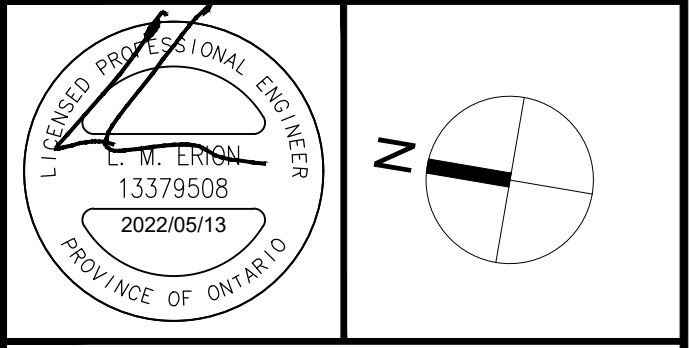
SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS

No.	REVISIONS	By	Date
14			
13			
12			
11			
10			
9	REVISED UNITS ALONG SOLARIUM AVE & LUNAR GLOW CRESC.	L.M.E	2022-06-13
8	MILESTONE REISSUE TO CONTRACTOR	L.M.E	2020-06-12
7	REVISED SERVICE LATERALS	L.M.E	2019-02-26
6	ISSUED FOR CONSTRUCTION	L.M.E	2018-11-23
5	REVISED PER CITY COMMENTS	L.M.E	2018-11-09
4	ISSUED FOR SEWER CONSTRUCTION	L.M.E	2018-10-15
3	REVISED PER CITY COMMENTS	L.M.E	2018-10-02
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Project Title  
**RIVERSIDE SOUTH**  
 PHASE 15 - 1A



Drawing Title  
**EROSION AND SEDIMENTATION CONTROL PLAN**

Scale  
 1 : 1000

Design	L.E.	Date	JULY 2018
Drawn	C.C.	Checked	L.E.

Project No.	103291	Drawing No.	900
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