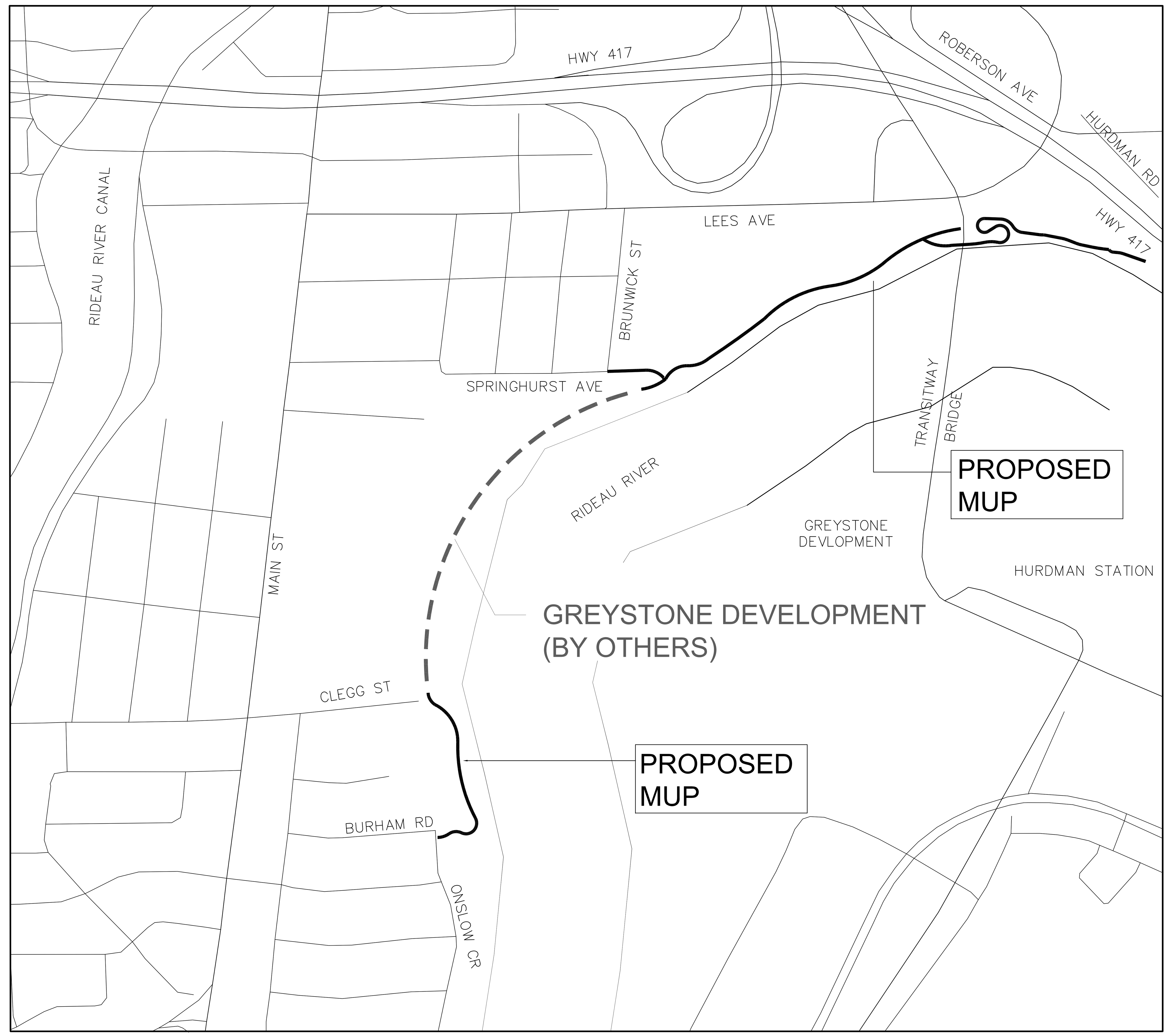
INFRASTRUCTURE SERVICES DEPARTMENT

W. R. NEWELL, P.ENG.
GENERAL MANAGER
INFRASTRUCTURE SERVICES DEPARTMENT



RIDEAU RIVER WESTERN PATHWAY

ONSLOW CRESCENT TO UNIVERSITY OF OTTAWA

CONTRACT No. ISD 15-5170

ISSUED FOR CIRCULATION
AUGUST 22, 2016

RIDEAU RIVER WESTERN PATHWAY
ONSLOW CRESCENT TO
UNIVERSITY OF OTTAWA

GRADING AND DRAINAGE I
BRANTWOOD PARK

Ottawa

RGTS

Contract No.	Dwg. No.
ISD15-5170	006

Asset No.

Asset Group

Des. RG	Chk'd. RG
Dwn. LG	Chk'd. RG
Utility Circ. No.	Index No.

Const. Inspector

Scale:
HORIZONTAL 1:250
0m 2.5 5 10
VERTICAL 1:50

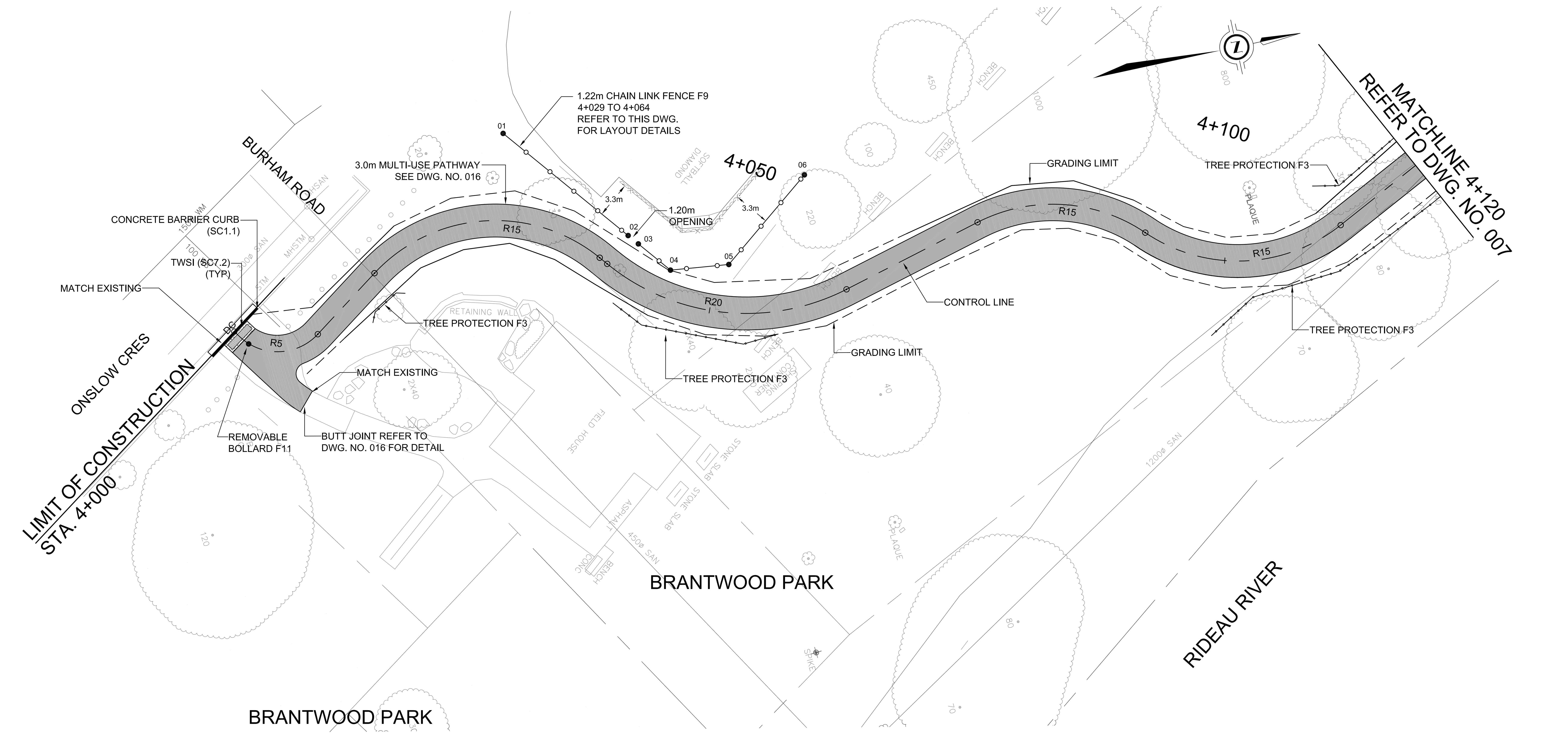
NOTE: The location of utilities is approximate only, the exact location should be determined by consulting the municipal authorities and utility companies concerned. The contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

REVISIONS

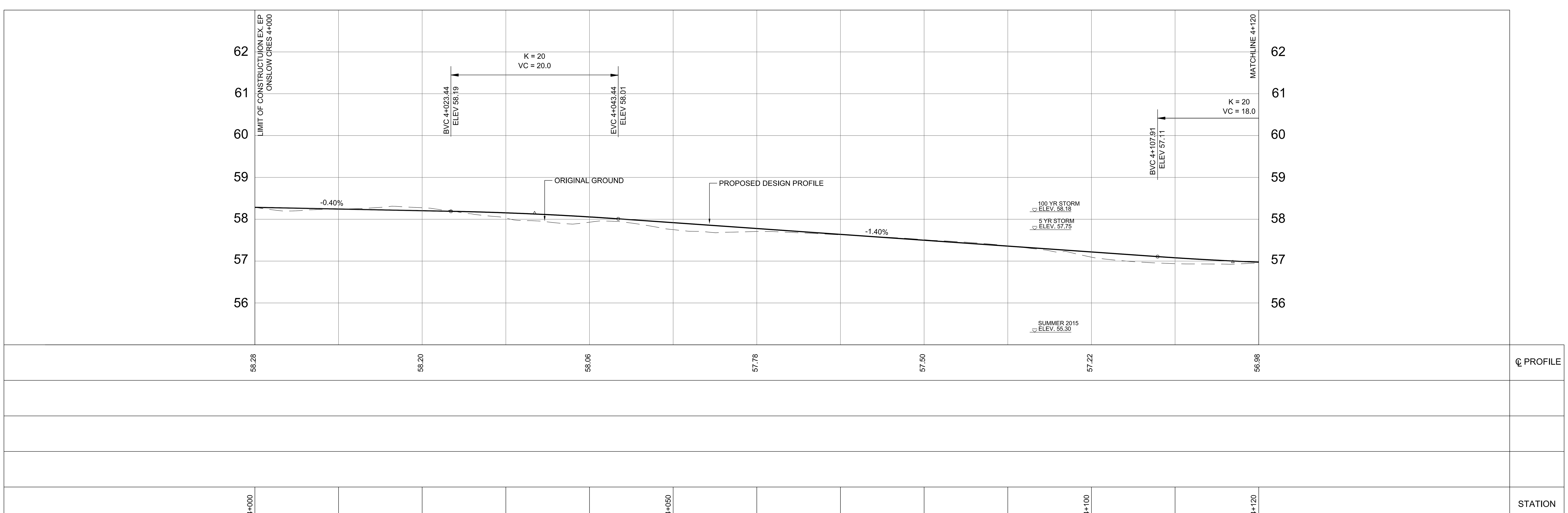
No.	Description	By	Date (dd/mm/yy)
1	ISSUED FOR CIRCULATION	RG	22/08/16

SOFTBALL DIAMOND
CHAIN LINK FENCE LAYOUT

PNT NO	STATION	OFFSET	LT / RT
1	4+028.96	7.94	LT
2	4+039.50	3.20	LT
3	4+040.90	3.17	LT
4	4+045.24	2.52	LT
5	4+051.32	4.38	LT
6	4+064.16	11.02	LT



RIDEAU RIVER WESTERN PATHWAY



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Drawing Frame: 790mm x 534mm City of Ottawa 2008 (Rev.0)
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RIDEAU RIVER WESTERN PATHWAY
ONSLOW CRESCENT TO UNIVERSITY OF OTTAWA

GRADING AND DRAINAGE II
BRANTWOOD PARK

Ottawa

RGTS

Contract No.	Dwg. No.
ISD15-5170	007

Asset No.

Asset Group

Des. RG	Chk'd. RG
Dwn. LG	Chk'd. RG
Utility Circ. No.	Index No.

Const. Inspector

Scale: HORIZONTAL 1:250 (0m, 2.5, 5, 10); VERTICAL 1:50

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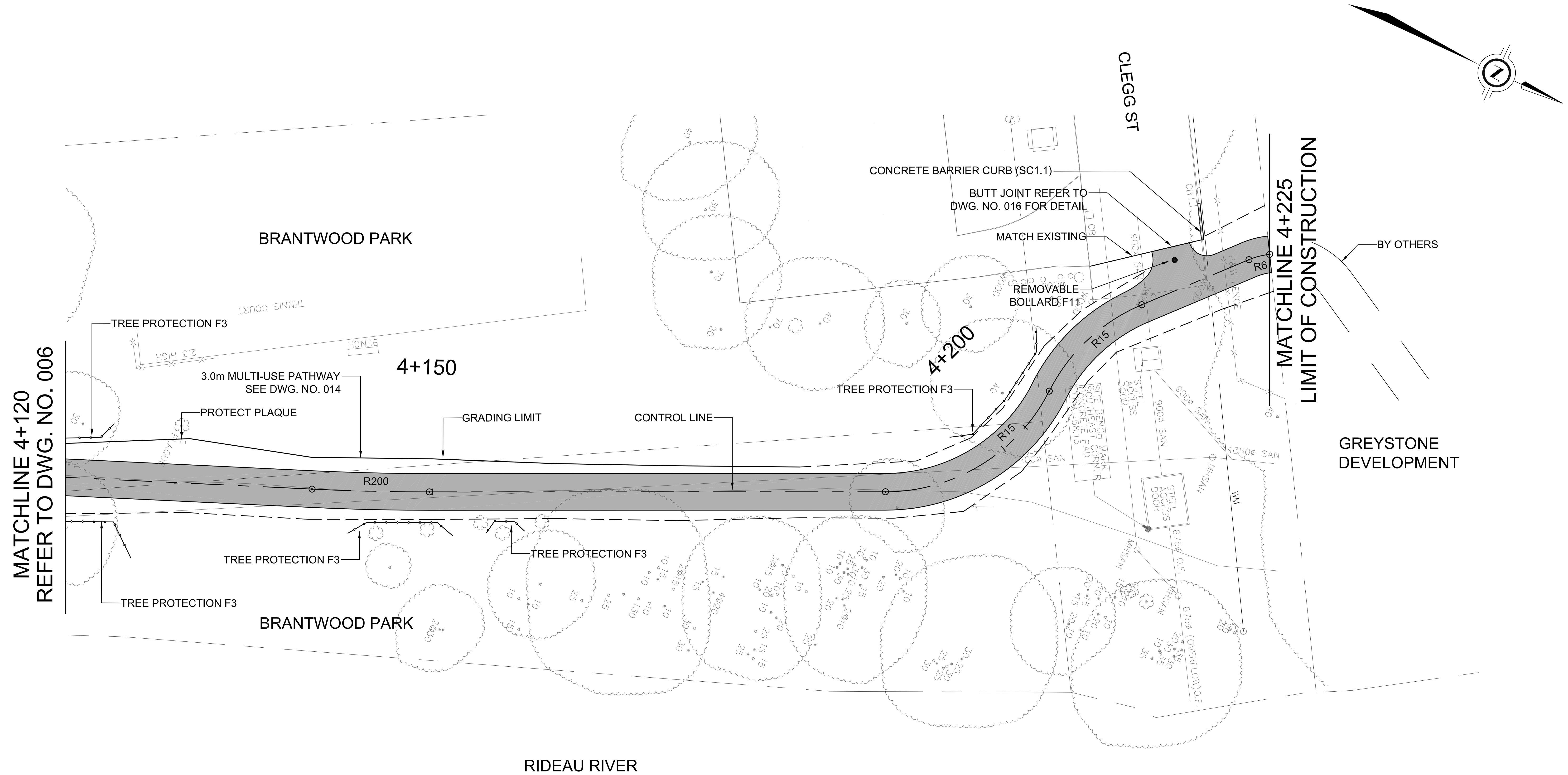
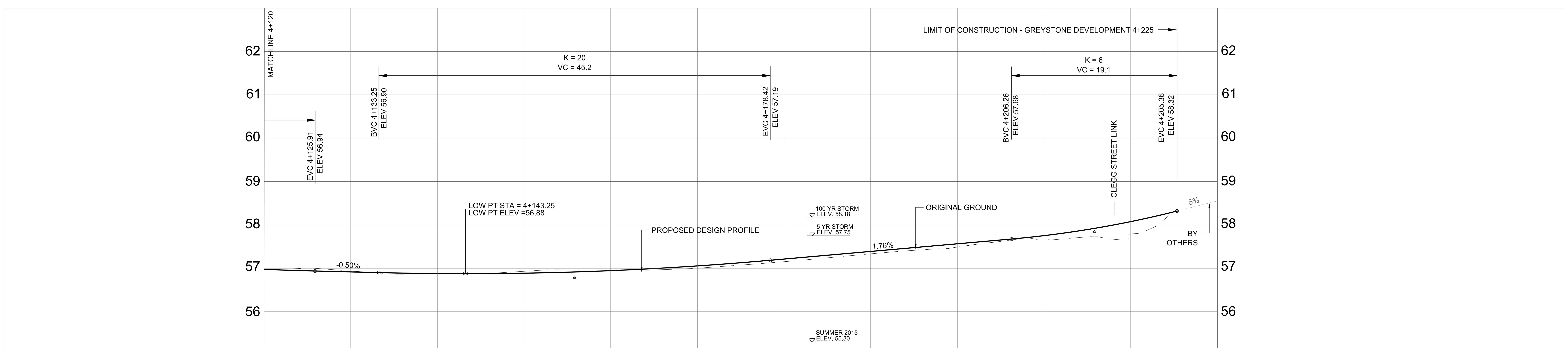
REVISIONS

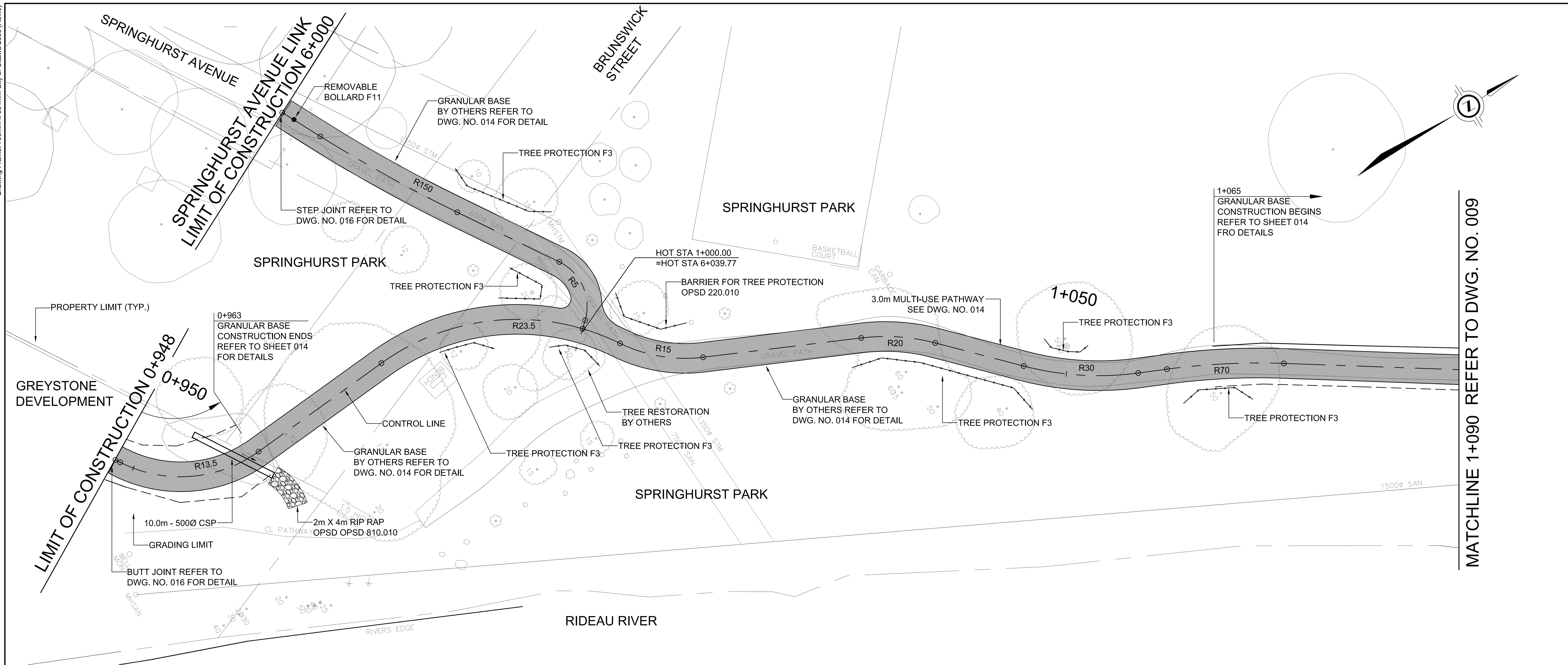
No.	Description	By	Date (dd/mm/yy)
1	ISSUED FOR CIRCULATION	RG	22/08/16



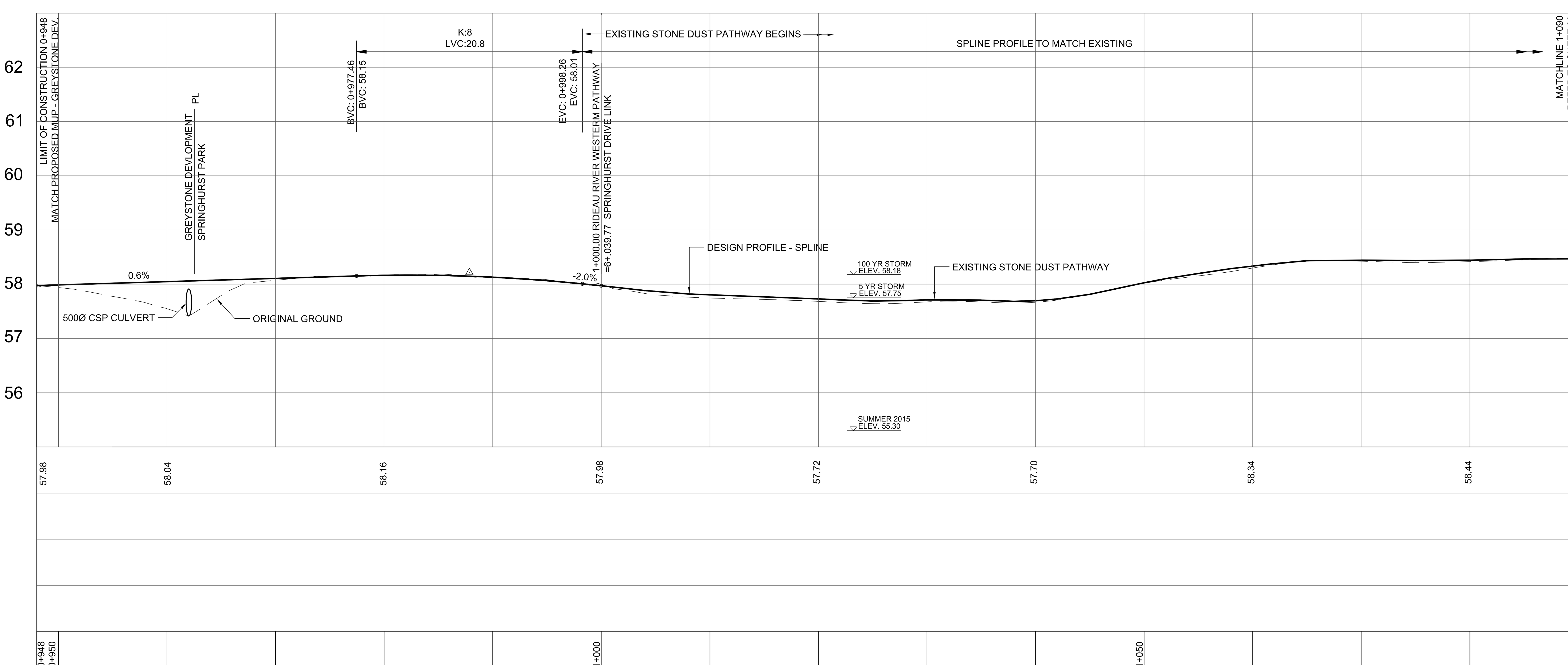
RIDEAU RIVER WESTERN PATHWAY



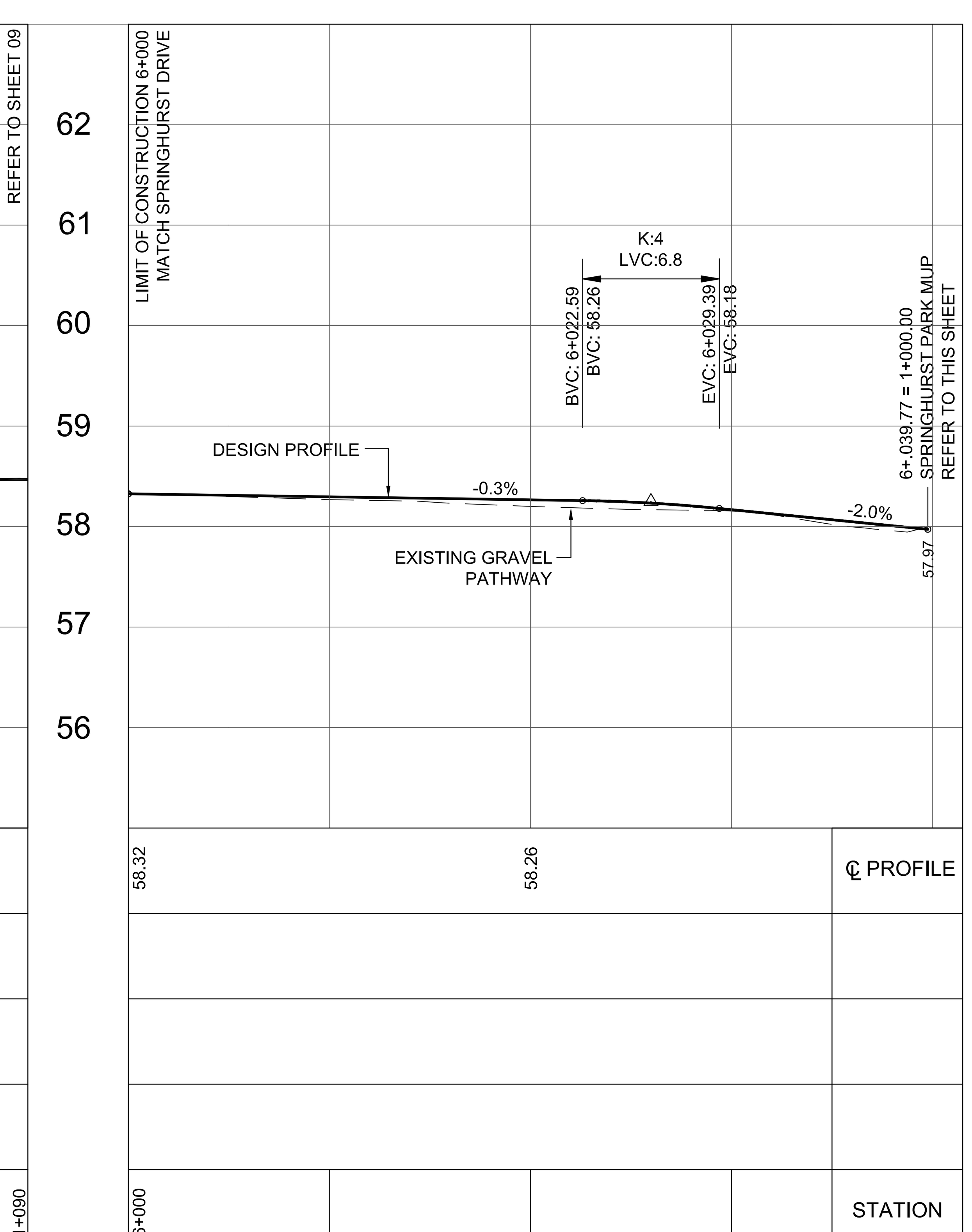
℄ PROFILE	56.98	56.88	56.94	57.22	57.56	58.08	58.32	
STATION	4+120	4+150			4+200		4+225	



RIDEAU RIVER WESTERN PATHWAY



SPRINGHURST AVE. LINK



RIDEAU RIVER WESTERN PATHWAY
ONSLOW CRESCENT TO
UNIVERSITY OF OTTAWA

Ottawa

GRADING AND DRAINAGE III
SPRINGHURST PARK

Contract No.	Dwg. No.
ISD15-5170	008

RGTS

Asset No.	
Asset Group	
Des. RG	Chk'd. RG
Dwn. LG	Chk'd. RG
Utility Circ. No.	Index No.
Const. Inspector	

Scale:
HORIZONTAL 1:250
0m 2.5 5 10
VERTICAL 1:50

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REVISIONS

No.	Description	By	Date (dd/mm/yy)
1	ISSUED FOR CIRCULATION	RG	22/08/16

Drawing Frame: 790mm x 534mm City of Ottawa 2008 (Rev.0)

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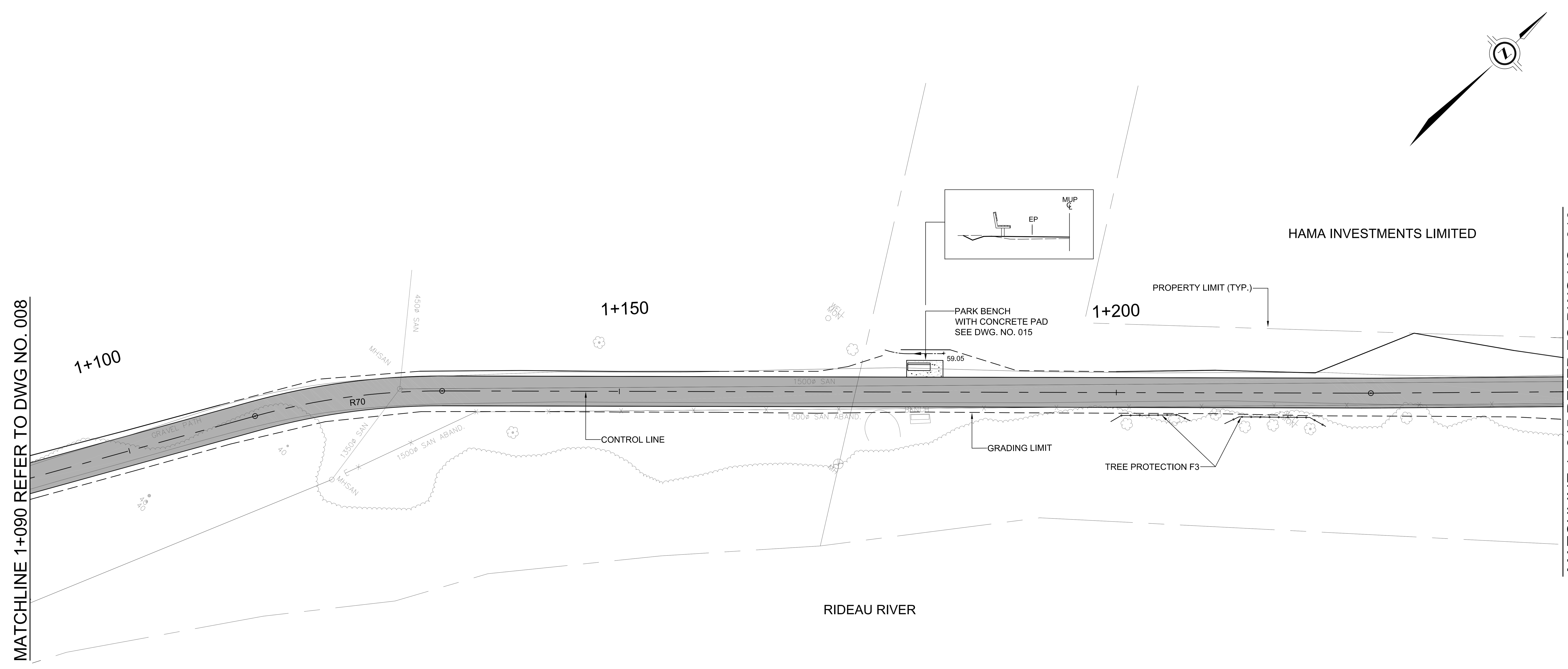
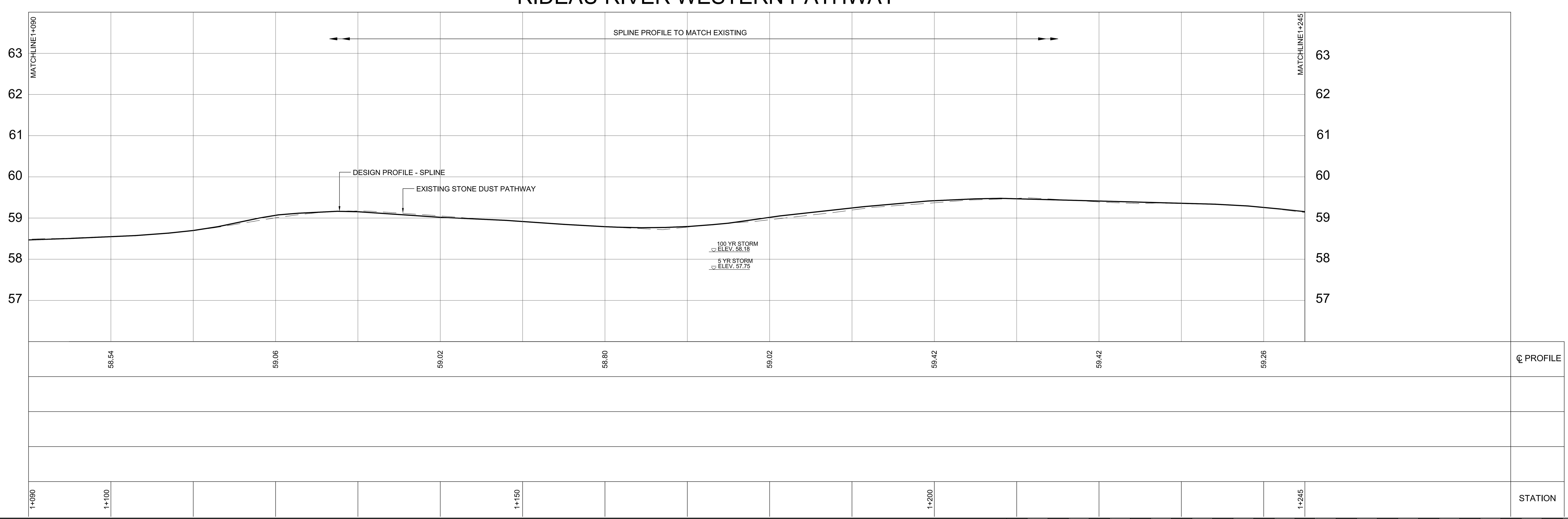


RIDEAU RIVER WESTERN PATHWAY



RIDEAU RIVER WESTERN PATHWAY
ONSLOW CRESCENT TO
UNIVERSITY OF OTTAWA

GRADING AND DRAINAGE IV
SPRINGHURST PARK

Ottawa

RGTS

Contract No.	Dwg. No.
ISD15-5170	009

Asset No.

Asset Group

Des. RG	Chk'd. RG
Dwn. LG	Chk'd. RG
Utility Circ. No.	Index No.

Const. Inspector

Scale:
HORIZONTAL 1:250
0m 2.5 5 10
VERTICAL 1:50

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REVISIONS

No.	Description	By	Date (dd/mm/yy)
1	ISSUED FOR CIRCULATION	RG	22/08/16

Drawing Frame: 790mm x 534mm City of Ottawa 2008 (Rev.0)

Plot Date: Sunday, September 11, 2016 6:08:00 PM

Last Saved: Sunday, September 11, 2016 5:57:21 PM

Consultant's Information: C:\Dropbox\Active Projects\1 - Rideau River Western Pathway\Detailed Design\60% Construction Drawing.dwg

RIDEAU RIVER WESTERN PATHWAY
ONSLOW CRESCENT TO
UNIVERSITY OF OTTAWA

Ottawa

Contract No.	Dwg. No.
ISD15-5170	010

GRADING AND DRAINAGE V
WESTSIDE OF TRANSITWAY

RGTS

Asset No.

Asset Group

Des. RG	Chk'd. RG
Dwn. LG	Chk'd. RG
Utility Circ. No.	Index No.

Const. Inspector

Scale:
HORIZONTAL 1:250
0m 2.5 5 10
VERTICAL 1:50

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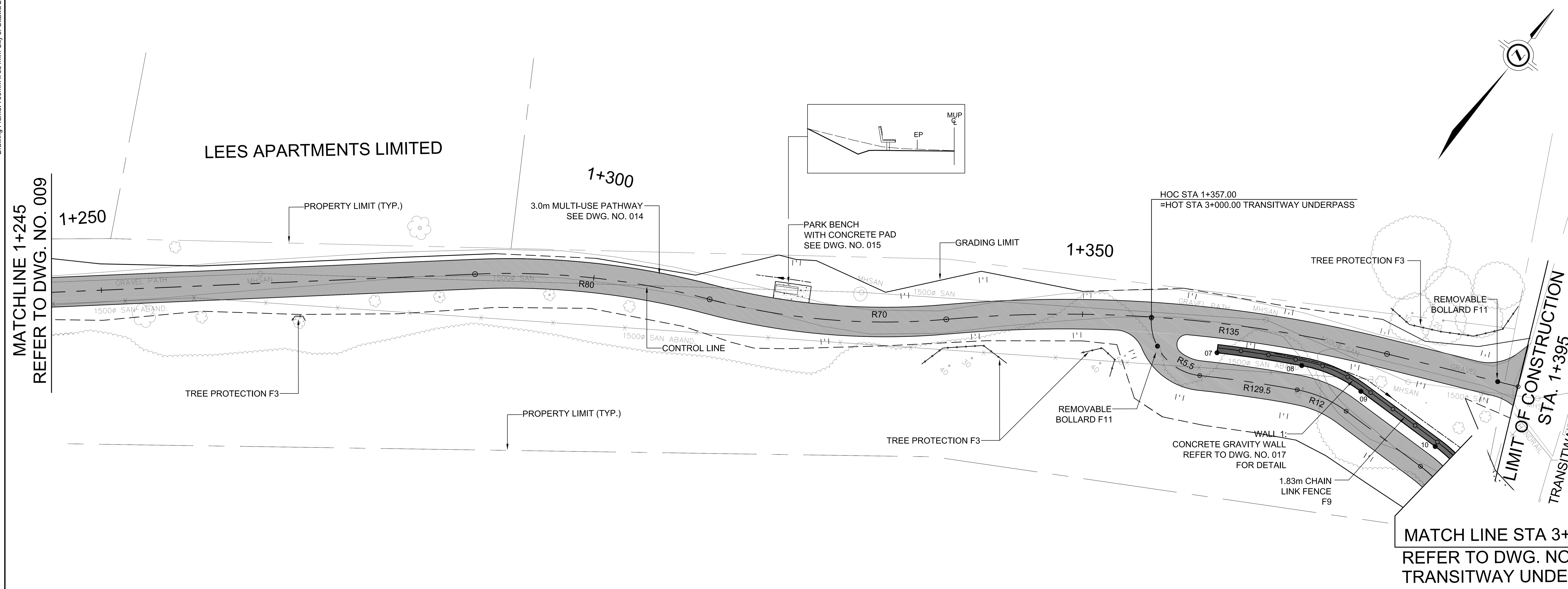
REVISIONS

No.	Description	By	Date (dd/mm/yy)
1	ISSUED FOR CIRCULATION	RG	22/08/16



RIDEAU RIVER WESTERN PATHWAY

TRANSITWAY UNDERPASS

Drawing Frame: 790mm x 534mm City of Ottawa 2008 (Rev.0)
Plot Date: Sunday, September 11, 2016 6:08:17 PM
Last Saved: Sunday, September 11, 2016 5:57:21 PM
Consultant's Information: C:\Dropbox\Active Projects\1 - Rideau River Western Pathway\Detailed Design\60% Construction Drawing.dwg

RIDEAU RIVER WESTERN PATHWAY
ONSLOW CRESCENT TO
UNIVERSITY OF OTTAWA

GRADING AND DRAINAGE VI
UNIVERSITY OF OTTAWA

Ottawa

RGTS

Contract No. ISD15-5170	Dwg. No. 011
Asset No.	
Asset Group	
Des. RG	Chk'd. RG
Dwn. LG	Chk'd. RG
Utility Circ. No.	Index No.
Const. Inspector	
Scale: HORIZONTAL 1:250, VERTICAL 1:50	

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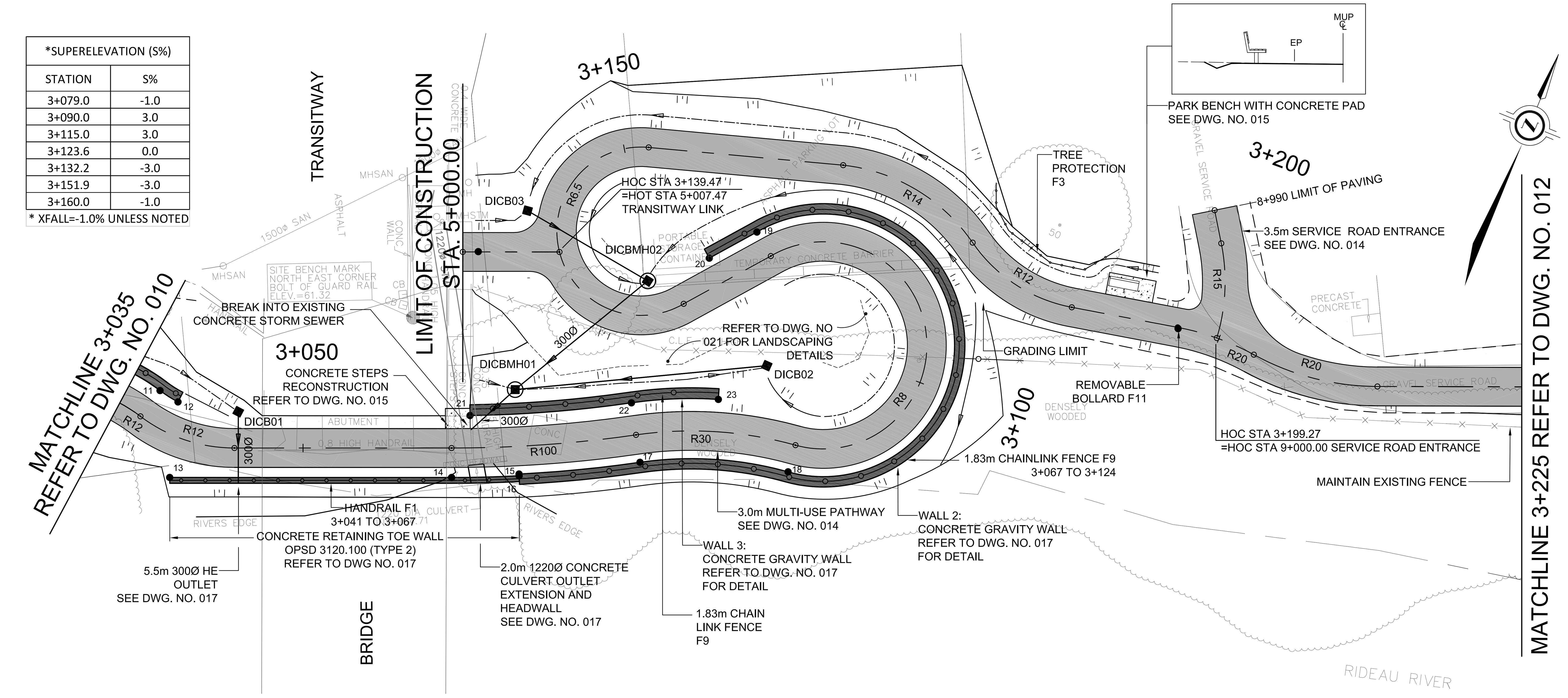
REVISIONS

No.	Description	By	Date (dd/mm/yy)
1	ISSUED FOR CIRCULATION	RG	22/08/16

*SUPERELEVATION (S%)

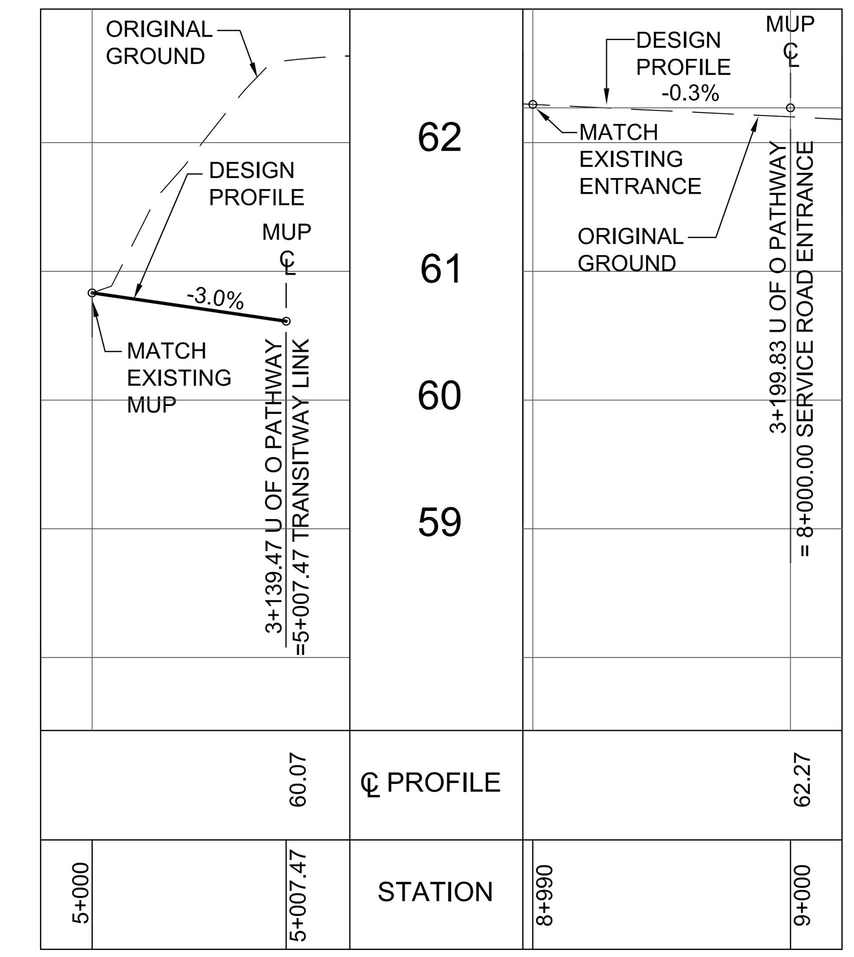
STATION	S%
3+079.0	-1.0
3+090.0	3.0
3+115.0	3.0
3+123.6	0.0
3+132.2	-3.0
3+151.9	-3.0
3+160.0	-1.0

* XFALL=-1.0% UNLESS NOTED



TRANSITWAY LINK

SERVICE ROAD ENTRANCE



RETAINING WALL LAYOUT

WALL NO	PNT NO	STATION	** OFFSET	LT / RT
WALL 1	7	3+010.00	2.500	LT
	8	3+018.53	2.500	LT
	9	3+023.99	2.500	LT
	10	3+033.38	2.500	LT
	11	3+036.91	2.500	LT
	12	3+039.00	2.500	LT
WALL 2	*13	3+040.66	3.125	RT
	*14	3+061.48	2.275	RT
	*15	3+066.58	2.275	RT
	16	3+066.58	2.140	RT
	17	3+075.77	2.140	RT
	18	3+088.20	2.140	RT
	19	3+119.75	2.140	RT
	20	3+124.00	2.140	RT

RETAINING WALL LAYOUT

WALL 3	21	3+062.94	2.500	LT
	22	3+075.77	2.500	LT
	23	3+081.98	2.500	LT

* CONCRETE TOE WALL OPSD 3120.100 (TYPE 2)
** MEASURES TO THE FACE OF THE WALL

CATCH BASIN DATA

No.	Station	Offset (m)	Type: Grate	Type: Structure	Elevations: Grate	Elevations: Low Inv.	Grate to Invert
DICB01	3+045.00	2.80 LT	403.010	705.030	56.78	55.28	1.50
DICB02	3+085.00	5.52 LT	403.010	705.030	57.34	56.44	0.90
DICB03	3+142.25	2.41 LT	403.010	705.030	60.10	58.60	1.50

Note: Offset Measures to Centre of Grate

CATCH BASIN LEAD DATA

Structure to Structure	Dia.	Type	Length	Invert Elevations: Upstream	Invert Elevations: Downstream
DICB01 TO OUTFALL	300	PVC	5.5	55.28	55.22
DICB02 TODICBMH01	200	PVC	19.5	56.44	56.20
DICB03 TODICBMH02	200	PVC	10.8	58.60	58.08

STORM MAINTENANCE HOLE DATA

No.	Station	Offset (m)	Type: Structure	Type: Cover	Elevations: Grate	Elevations: Low Inv.	Grate to Invert
DICBMH01	3+066.61	4.21 LT	701.010	403.010	57.90	56.05	1.85
DICBMH02	3+130.00	2.63 RT	701.010	403.010	59.48	57.98	1.50

Note: Offset Measures to Centre of Grate

RIDEAU RIVER WESTERN PATHWAY

Drawing Frame: 790mm x 534mm City of Ottawa 2008 (Rev.0)

Plot Date: Sunday, September 11, 2016 6:09:14 PM

Last Saved: Sunday, September 11, 2016 5:57:21 PM

Consultant's Information: C:\Dropbox\Active Projects\1 - Rideau River Western Pathway\Detailed Design\60% Construction Drawing.dwg

Drawing Frame: 790mm x 534mm City of Ottawa 2008 (Rev.0)

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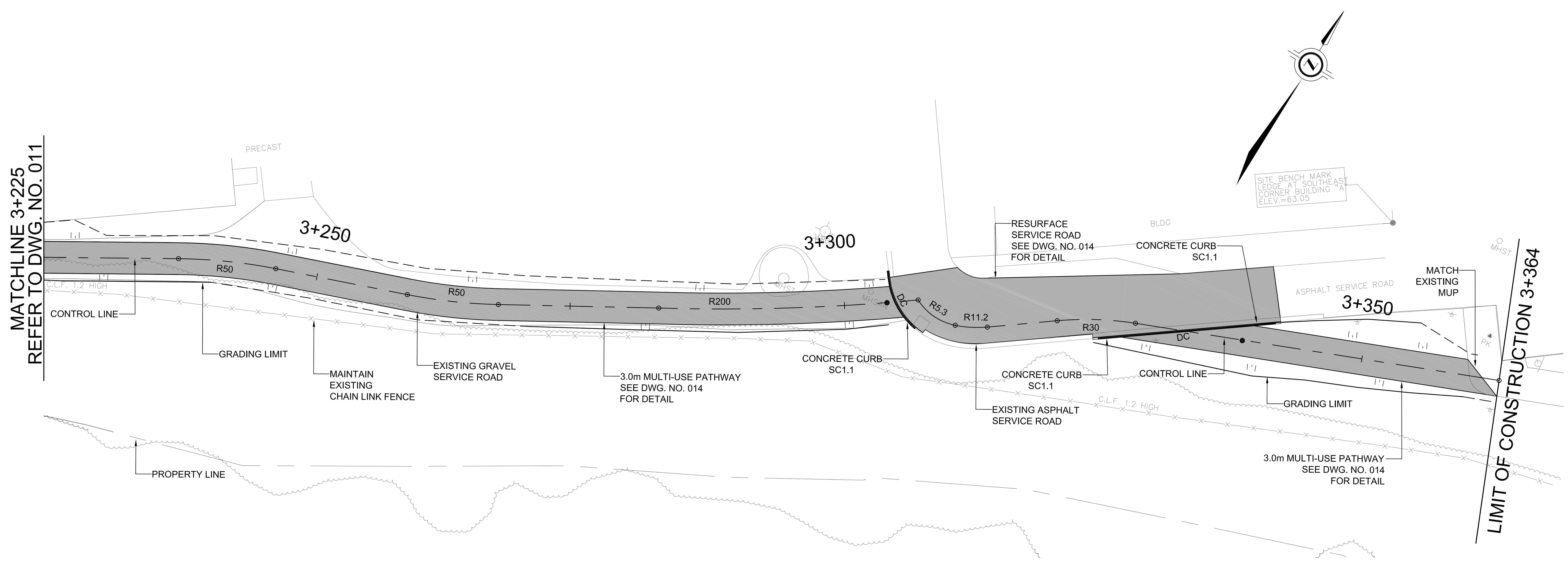
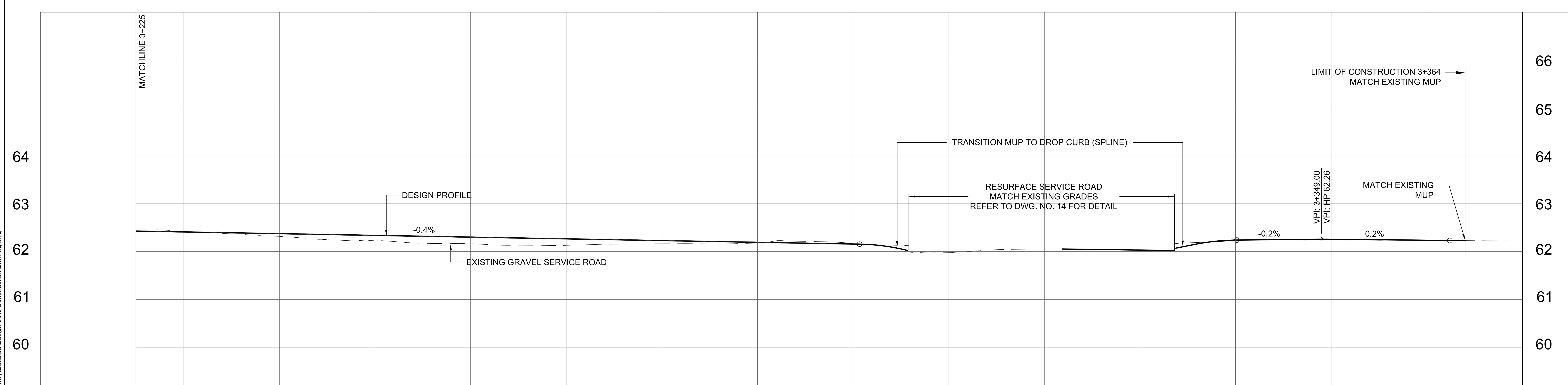


RIDEAU RIVER WESTERN PATHWAY



C PROFILE	62.38	62.30	62.22	62.16	62.24	62.24	
STATION	3+225	3+250	3+300	3+350	3+364		

RIDEAU RIVER WESTERN PATHWAY
ONSLOW CRESCENT TO
UNIVERSITY OF OTTAWA

Ottawa

Contract No. ISD15-5170

Dwg. No. 012

GRADING AND DRAINAGE VII
UNIVERSITY OF OTTAWA

RGTS

Asset No.	
Asset Group	
Des. RG	Chk'd. RG
Dwn. LG	Chk'd. RG
Utility Circ. No.	Index No.
Const. Inspector	

Scale:
HORIZONTAL 1:250
0m 2.5 5 10
VERTICAL 1:50

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REVISIONS

No.	Description	By	Date (dd/mm/yy)
1	ISSUED FOR CIRCULATION	RG	22/08/16

CATEGORY	ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
			Trees			
1.1	Ar	3	Acer rubrum	Red Maple	45mm caliper	WB, Staked
1.1	Co	3	Celtis occidentalis	Common Hackberry	45mm caliper	WB, Staked
1.1	Ov	4	Ostrya virginiana	Ironwood	45mm caliper	WB, Staked
1.1	Qr	2	Quercus rubra	Red Oak	45mm caliper	WB, Staked
1.2	Ca	10	Cornus alternifolia	Pagoda Dogwood	125 cm ht	Potted
2	Pg	2	Picea glauca	White Spruce	175 cm ht	WB, Staked
			Shrubs			
3.1	Cr	55	Cornus racemosa	Gray Dogwood	50cm ht	1.2m o.c.
3.1	Dl	85	Diervilla lonicera	Dwarf Bush-honeysuckle	50cm ht	1.0m o.c.
3.1	Iv	65	Ilex verticillata	Winterberry	50cm ht	1.0m o.c.
3.1	PoDG	30	Physocarpus opulifolius 'Darts Gold'	Darts Gold Ninebark	50cm ht.	Potted
3.2	Ra	90	Rhus aromatica	Fragrant Sumac	50cm ht.	Potted
3.3	Rp	15	Rosa palustrus	Swamp Rose	50 cm ht.	Bare root
			Grasses			
4	Gv	30	Riparian Grasses	Riparian Grasses	150cm Pots	75cm o.c.

SUPPLEMENTARY LEGEND - PLANTING*

ITEM	SYMBOL	ITEM	SYMBOL
CATEGORY 1.1 - DECIDUOUS TREE (AR, CO, OV & QR)		CATEGORY 3.1 - SHRUBS (CR, DL, LV & PODG)	
CATEGORY 1.2 - DECIDUOUS TREE (CA)		CATEGORY 3.2 - SHRUBS (RA)	
		CATEGORY 3.3 - SHRUBS (RP)	
CATEGORY 2 - CONIFEROUS TREE (PG)		CATEGORY 4 - RIPARIAN GRASSES (GV)	
		STAKED SOD	

*REFER TO DRAWING FOR PLACEMENT

RIDEAU RIVER WESTERN PATHWAY
ONSLOW CRESCENT TO
UNIVERSITY OF OTTAWA

SITE RESTORATION AND
PLANTING PLAN

Ottawa

RGTS

Contract No. ISD15-5170	Dwg. No. 020
Asset No.	
Asset Group	
Des. DRA	Chk'd. RG
Dwn. LG	Chk'd. RG
Utility Circ. No.	Index No.
Const. Inspector	
Scale: HORIZONTAL 0m 1.5 3.0 6	

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REVISIONS

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1	ISSUED FOR CIRCULATION	RG	22/08/16

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RIDEAU RIVER WESTERN PATHWAY
ONSLOW CRESCENT TO UNIVERSITY OF OTTAWA

PAVEMENT MARKINGS & SIGNAGE
RIDEAU GARDEN DRIVE TO ONSLOW CRESCENT

Ottawa

RGTS

Contract No.	ISD15-5170
Dwg. No.	017
Asset No.	
Asset Group	
Des.	RG
Chk'd.	RG
Dwn.	LG
Chk'd.	RG
Utility Circ. No.	
Index No.	
Const. Inspector	
Scale:	NTS

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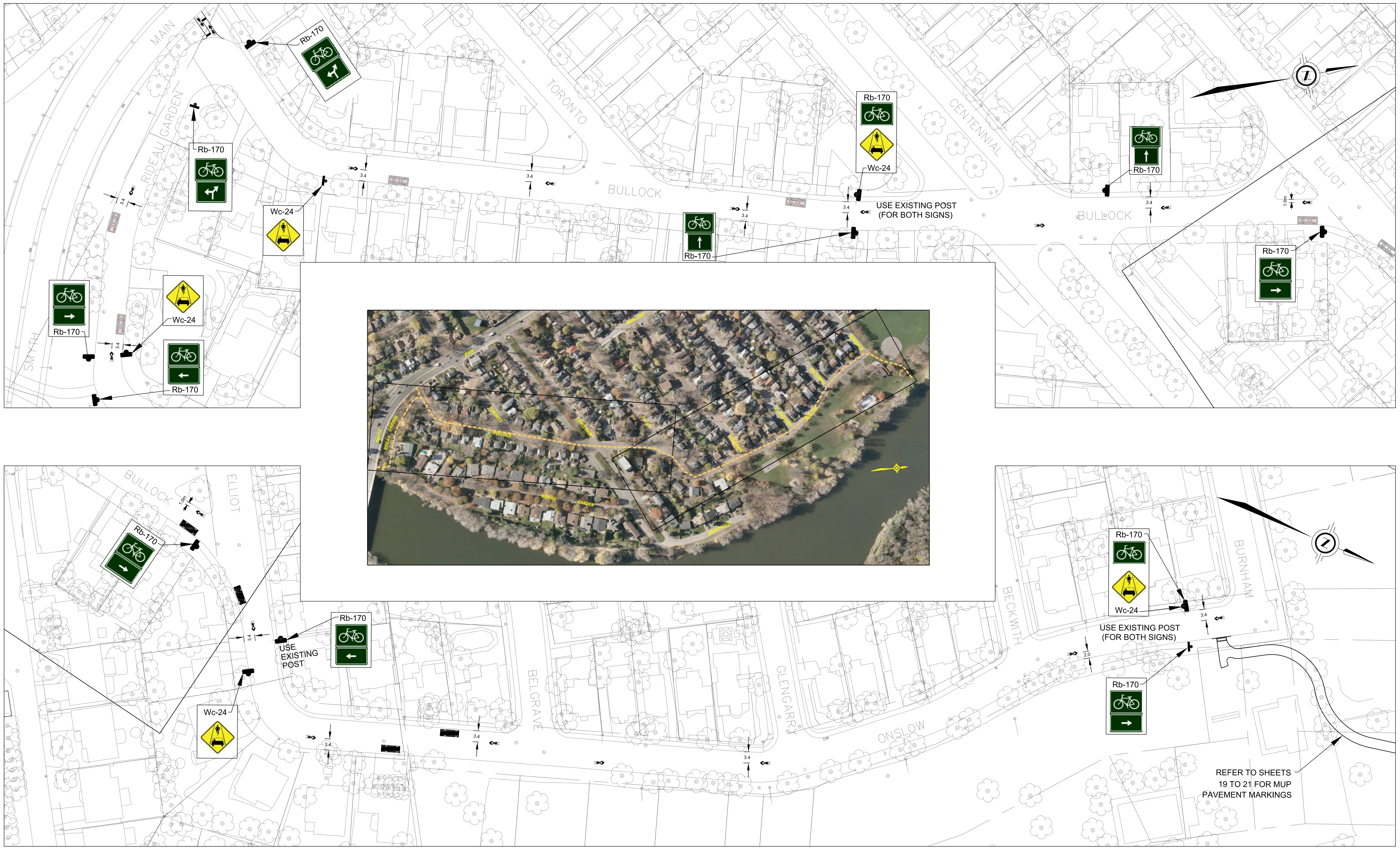
1	ISSUED FOR CIRCULATION	RG	22/08/16



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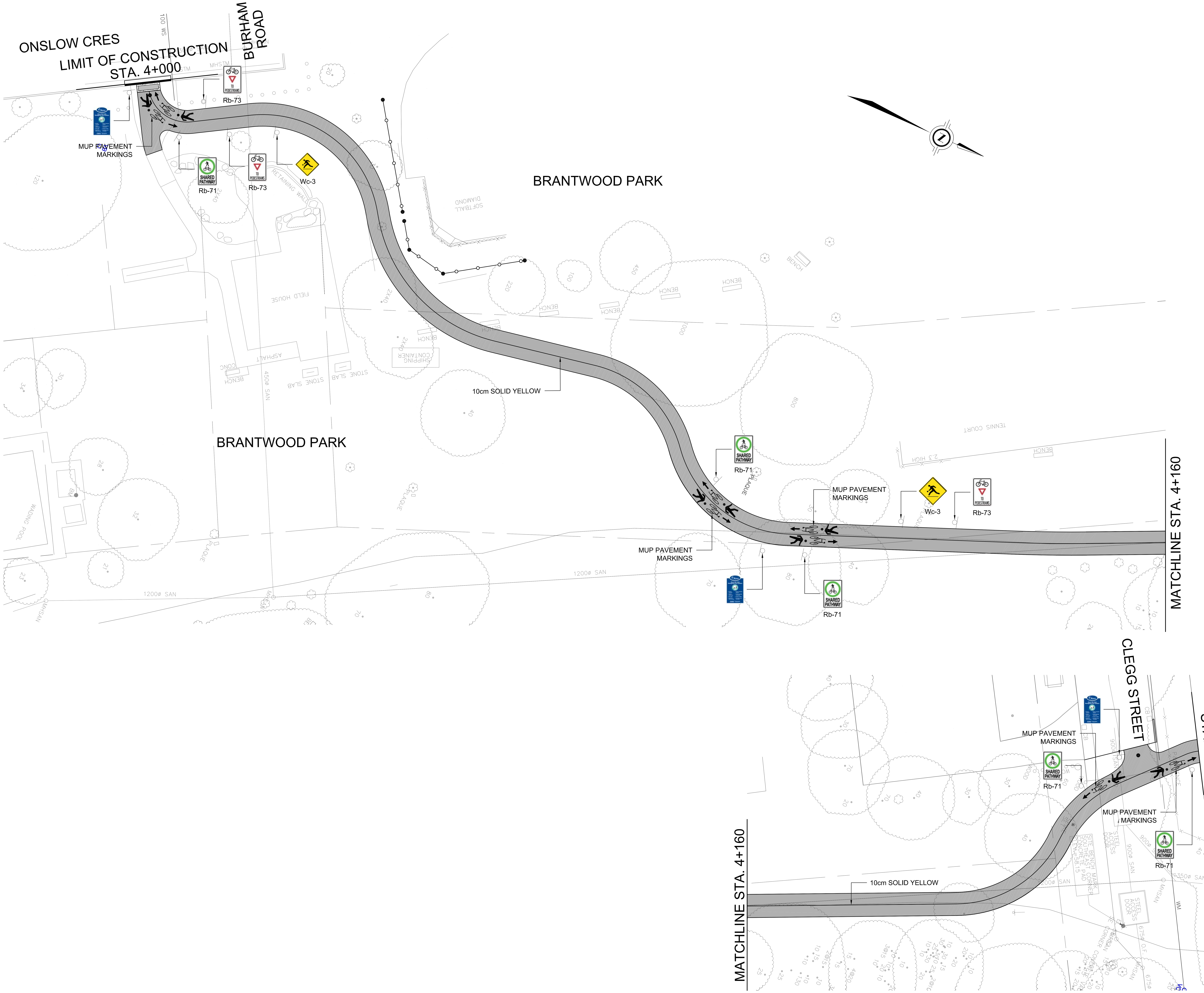

RIDEAU RIVER WESTERN PATHWAY
ONSLOW CRESCENT TO
UNIVERSITY OF OTTAWA

Ottawa

PAVEMENT MARKINGS & SIGNAGE
BRANTWOOD PARK

RGTS

Contract No.	ISD15-5170
Dwg. No.	018
Asset No.	
Asset Group	
Des.	RG
Chk'd.	RG
Dwn.	LG
Chk'd.	RG
Utility Circ. No.	
Index No.	
Const. Inspector	

Scale:
HORIZONTAL
0m 2.5 5 10

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REVISIONS

No.	Description	By	Date (dd/mm/yy)
1	ISSUED FOR CIRCULATION	RG	22/08/16

Drawing Frame: 790mm x 534mm City of Ottawa 2008 (Rev.0)

Plot Date: Sunday, September 11, 2016 6:15:08 PM

Last Saved: Thursday, September 01, 2016 10:08:24 AM

Consultant's Information: C:\Dropbox\Active Projects\1 - Rideau River Western Pathway\Detailed Design\60% Signage & Pavement Marking.dwg

RIDEAU RIVER WESTERN PATHWAY
ONSLOW CRESCENT TO
UNIVERSITY OF OTTAWA

PAVEMENT MARKINGS & SIGNAGE II
SPRINGHURST PARK

Ottawa

RGTS

Contract No. ISD15-5170	Dwg. No. 019
Asset No.	
Asset Group	
Des. RG	Chk'd. RG
Dwn. LG	Chk'd. RG
Utility Circ. No.	Index No.
Const. Inspector	

Scale: HORIZONTAL 0m 2.5 5 10

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REVISIONS

No.	Description	By	Date (dd/mm/yy)
1	ISSUED FOR CIRCULATION	RG	22/08/16

Drawing Frame: 790mm x 534mm City of Ottawa 2008 (Rev.0)

Plot Date: Sunday, September 11, 2016 6:16:06 PM

Last Saved: Thursday, September 01, 2016 10:08:24 AM

Consultant's Information: C:\Dropbox\Active Projects\1 - Rideau River Western Pathway\Detailed Design\60% Signage & Pavement Marking.dwg

Drawing Frame: 790mm x 534mm City of Ottawa 2008 (Rev.0)

RIDEAU RIVER WESTERN PATHWAY
ONSLOW CRESCENT TO UNIVERSITY OF OTTAWA

Ottawa

Contract No. ISD15-5170
Dwg. No. 020

PAVEMENT MARKINGS & SIGNAGE III
UNIVERSITY OF OTTAWA

RGTS

Asset No.			
Asset Group			
Des.	RG	Chk'd.	RG
Dwn.	LG	Chk'd.	RG
Utility Circ. No.		Index No.	
Const. Inspector			

Scale: HORIZONTAL 0m 2.5 5 10

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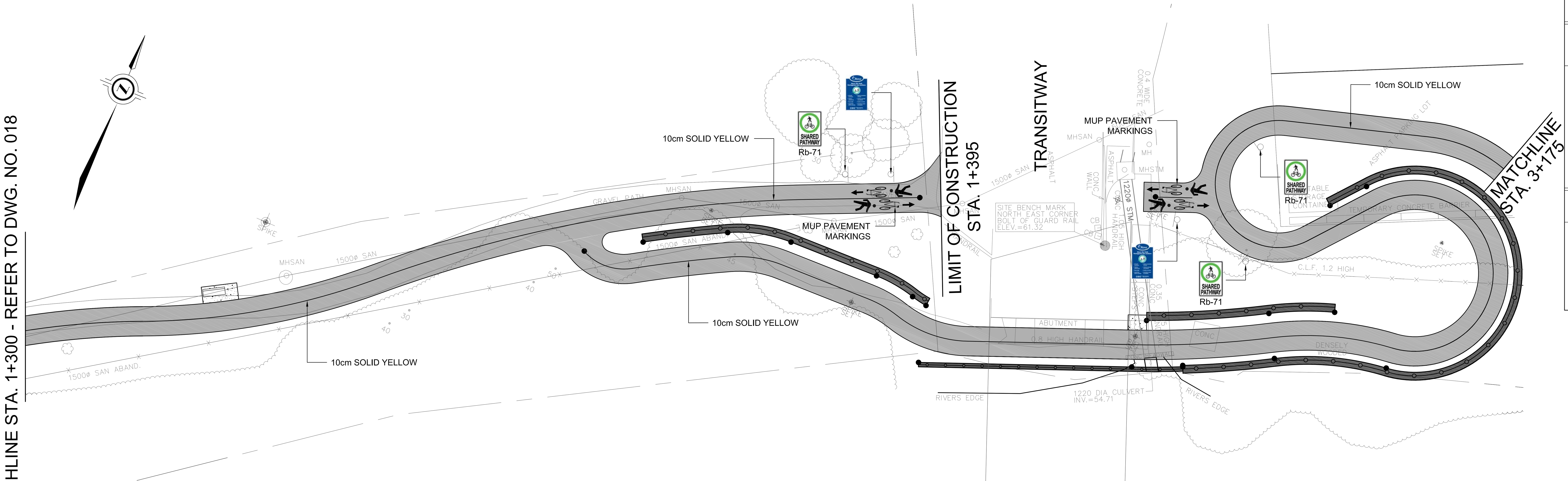
REVISIONS

No.	Description	By	Date (dd/mm/yy)
1	ISSUED FOR CIRCULATION	RG	22/08/16



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