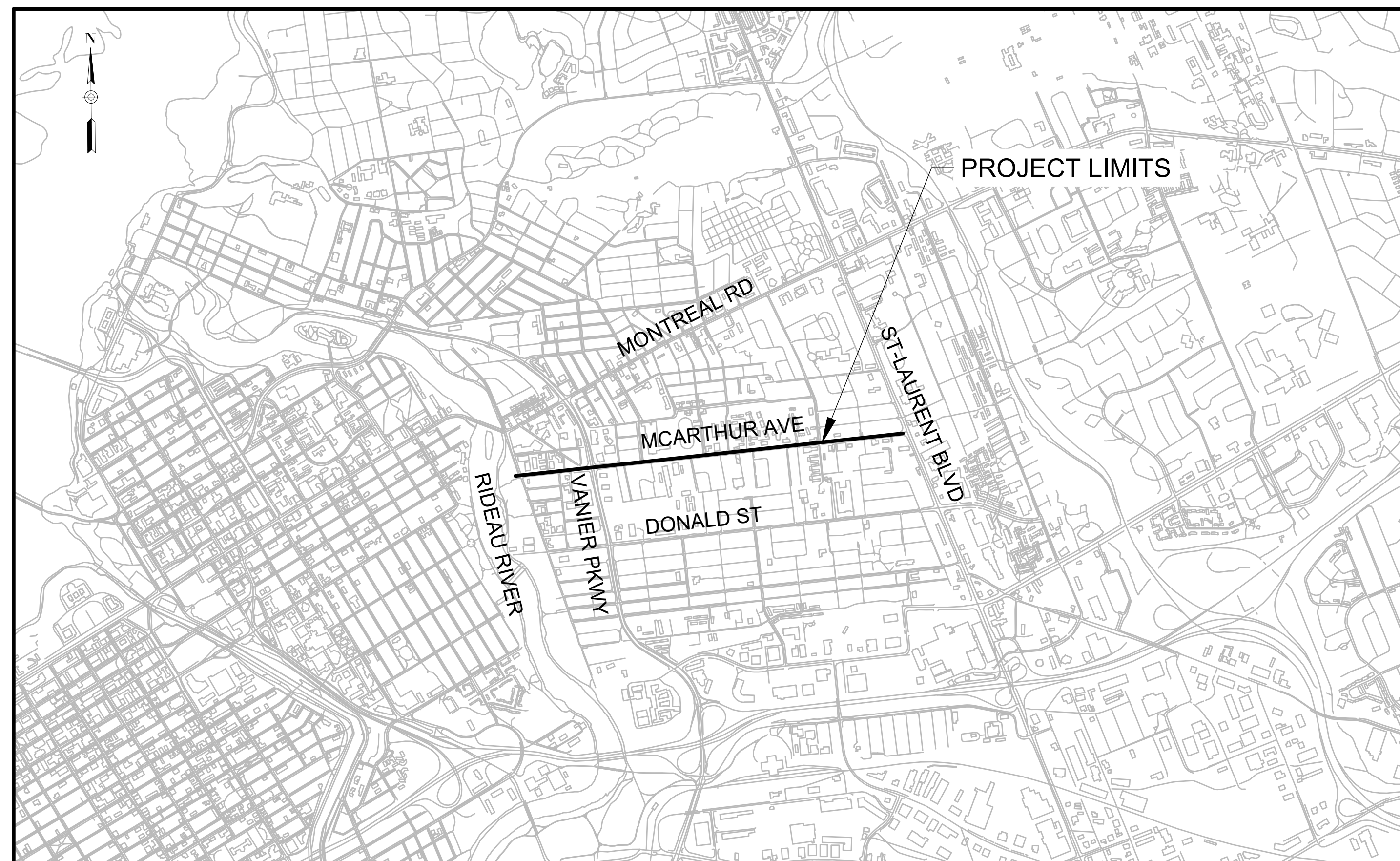




# INFRASTRUCTURE SERVICES

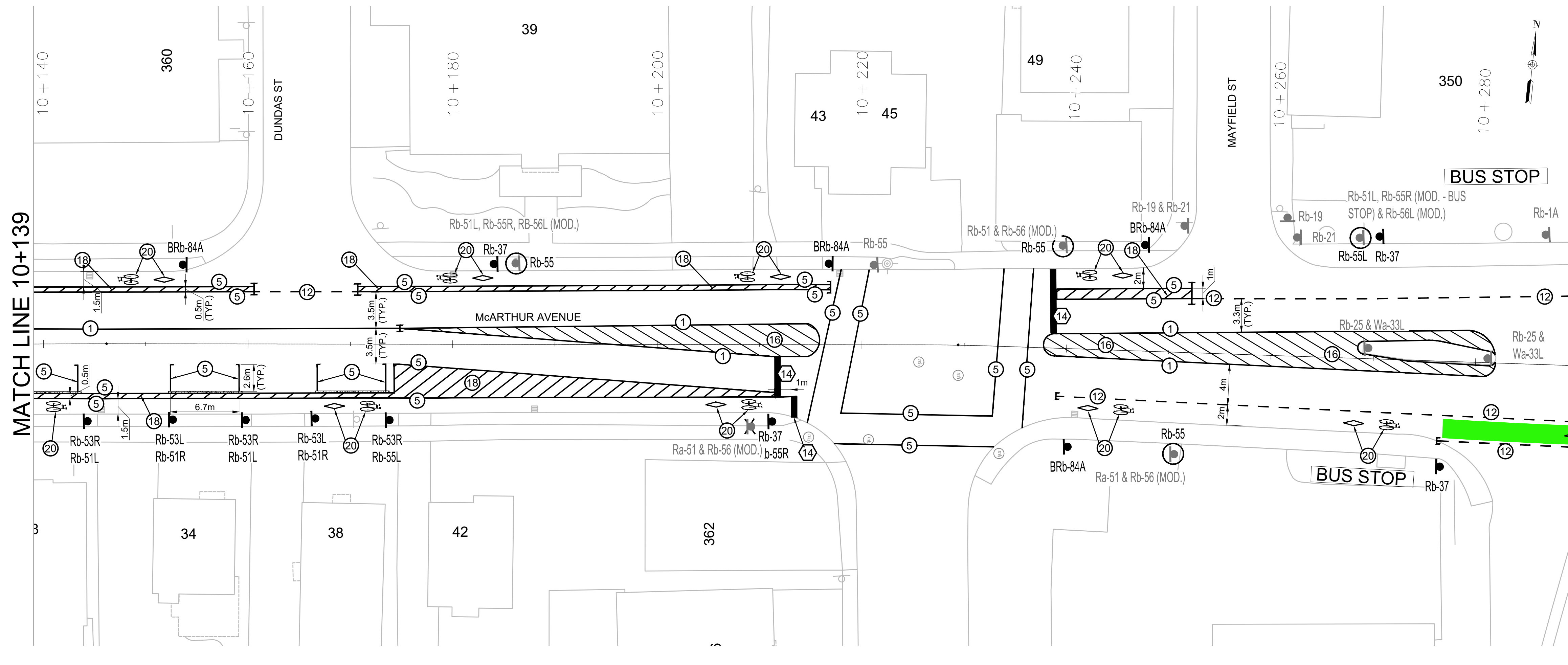
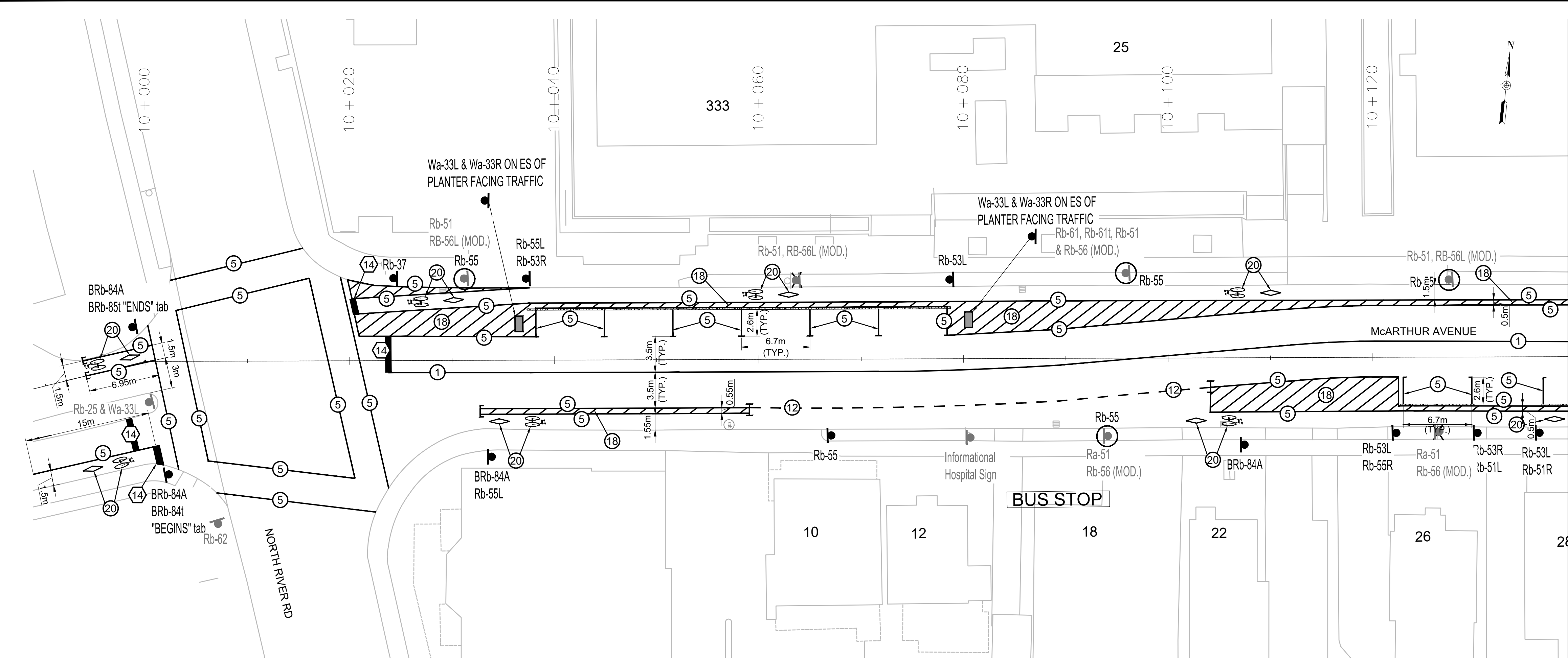
ALAIN C. GONTHIER, P.Eng  
DIRECTOR, INFRASTRUCTURE SERVICES



## MCARTHUR BICYCLE LANES FROM NORTH RIVER RD. TO ST-LAURENT BLVD CONTRACT NO. ISD17-5111

REVISED AS PER COMMENTS RECEIVED  
07-07-2017

No.	Description	By	Date (dd/mm/yyyy)
1	ISSUED FOR INFORMATION	CR	09-03-17
2	REVISED AS PER TRAFFIC SIGNALS COMMENTS	CR	02-05-17
3	ISSUED FOR UTILITY CIRCULATION	CR	19-05-17
4	REVISED AS PER COMMENTS RECEIVED	CR	07-07-17
5			



PAVEMENT MARKINGS

1. SOLID YELLOW, 10cm
2. SOLID DOUBLE YELLOW, 10cm
3. 363 BROKEN YELLOW, 10cm
4. SOLID YELLOW, 20cm
5. SOLID WHITE, 10cm
6. 333 BROKEN WHITE, 10cm
7. 363 BROKEN WHITE, 10cm
8. SOLID WHITE, 20cm
9. 333 BROKEN WHITE, 20cm
11. SOLID YELLOW, 30cm
12. 111 BROKEN WHITE, 10cm
14. SOLID WHITE, 60cm
15. SOLID WHITE, 10cm AT 3m SPACING
16. SOLID YELLOW, 45cm AT 3m SPACING
17. SOLID WHITE, 45cm AT 3m SPACING
18. SOLID WHITE, 10cm AT 3m SPACING
19. SOLID WHITE, 60cm AT 60cm SPACING
20. SYMBOLS
- ] ] LIMITS OF MARKINGS

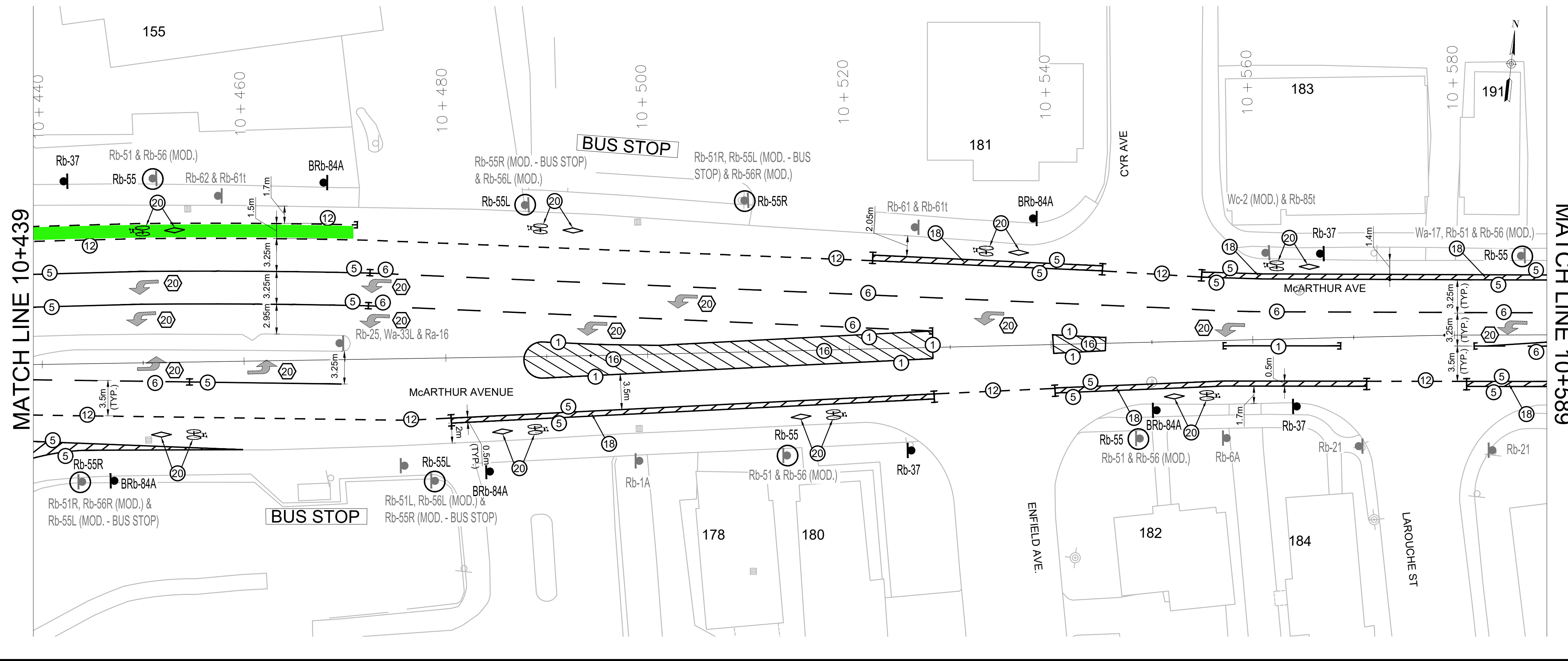
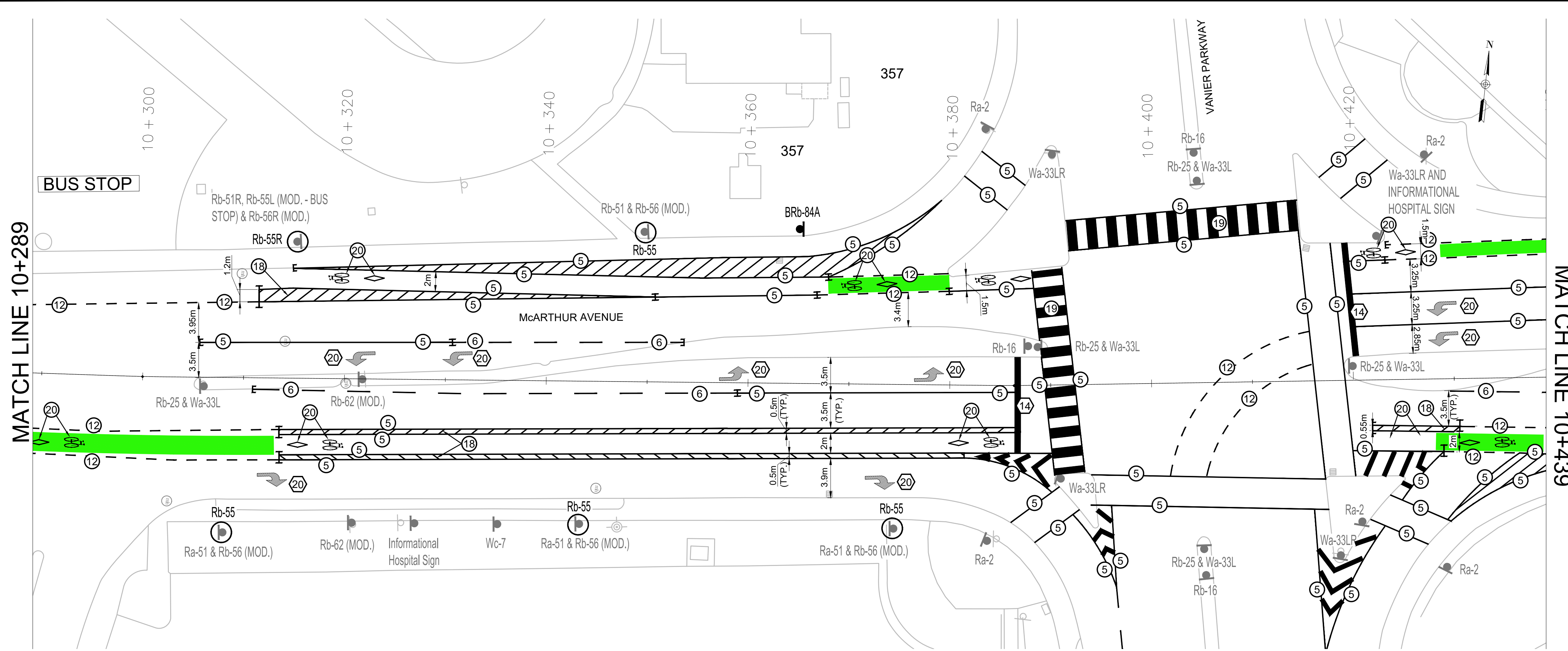
- NOTES:
1. 333, 363 Denotes Pavement Marking Spacing (e.g., 3m line, 3m gap, 3m line)
  2. Use ① to Denote PAVEMENT MARKING
  3. Use ① to Denote PAVEMENT MARKING, DURABLE
  4. Use ① to Denote PAVEMENT MARKING, TEMPORARY

SIGNAGE LEGEND

- INSTALL NEW SIGN AND POST
- EXISTING SIGN AND POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. INSTALL NEW Rb-55 ON EXISTING SIGN POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. REMOVE AND SALVAGE EXISTING POST IF NO OTHER SIGNS ON POST

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.

No.	Description	By	Date (dd/mm/yy)
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4	REVISED AS PER COMMENTS RECEIVED	CR	07-07-17



**PAVEMENT MARKINGS**

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  4. SOLID YELLOW, 20cm
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  7. 363 BROKEN WHITE, 10cm
  8. SOLID WHITE, 20cm
  9. 333 BROKEN WHITE, 20cm
  11. SOLID YELLOW, 30cm
  12. 111 BROKEN WHITE, 10cm
  14. SOLID WHITE, 60cm
  15. SOLID WHITE, 10cm AT 3m SPACING
  16. SOLID YELLOW, 45cm AT 3m SPACING
  17. SOLID WHITE, 45cm AT 3m SPACING
  18. SOLID WHITE, 10cm AT 3m SPACING
  19. SOLID WHITE, 60cm AT 60cm SPACING
  20. SYMBOLS
- ] LIMITS OF MARKINGS

**NOTES:**

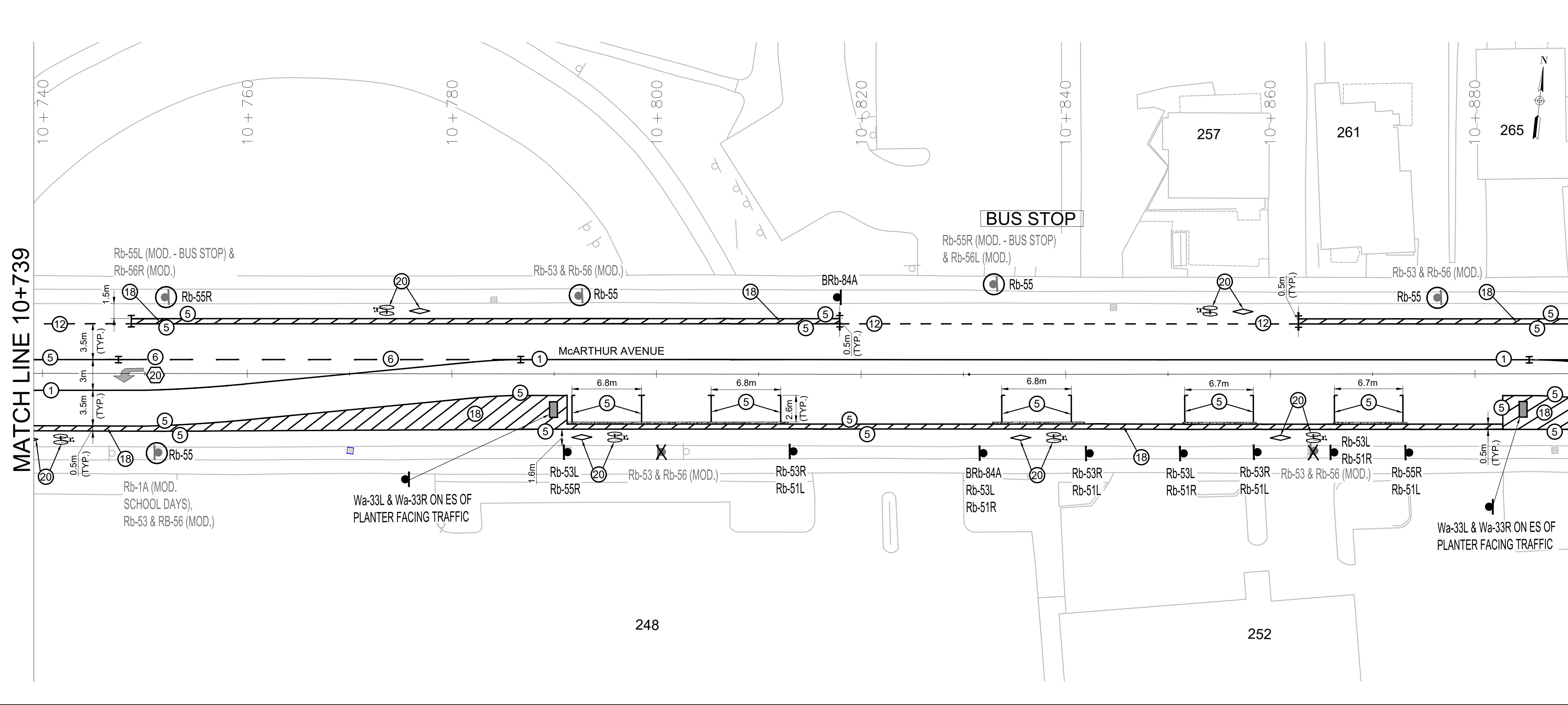
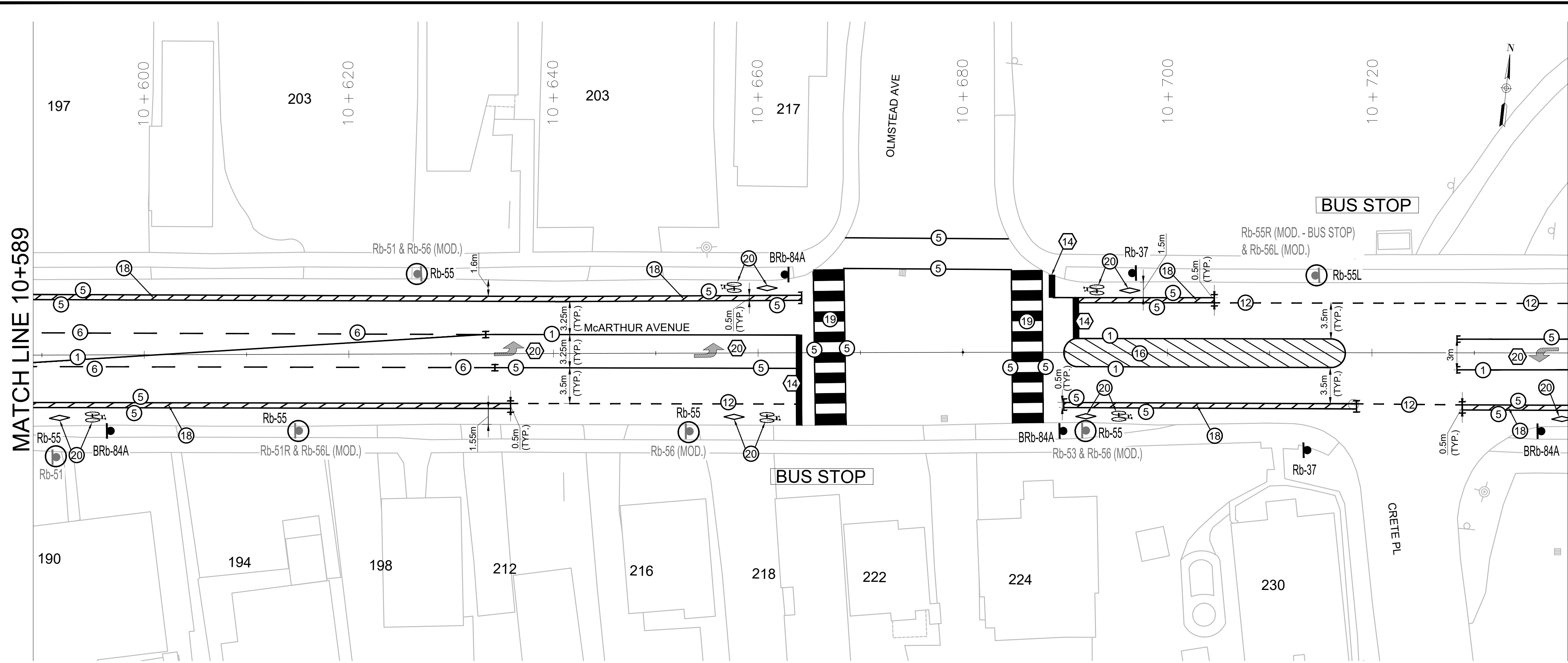
1. 333, 363 Denotes Pavement Marking Spacing (e.g., 3m line, 3m gap, 3m line)
2. Use 1 to Denote PAVEMENT MARKING
3. Use 1 to Denote PAVEMENT MARKING, DURABLE
4. Use 1 to Denote PAVEMENT MARKING, TEMPORARY

**SIGNAGE LEGEND**

- INSTALL NEW SIGN AND POST
- EXISTING SIGN AND POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. INSTALL NEW Rb-55 ON EXISTING SIGN POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. REMOVE AND SALVAGE EXISTING POST IF NO OTHER SIGNS ON POST

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.

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4	REVISED AS PER COMMENTS RECEIVED	CR	07-07-17
5			



PAVEMENT MARKINGS

1. SOLID YELLOW, 10cm
  2. SOLID DOUBLE YELLOW, 10cm
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  9. 333 BROKEN WHITE, 20cm
  11. SOLID YELLOW, 30cm
  12. 111 BROKEN WHITE, 10cm
  14. SOLID WHITE, 60cm
  15. SOLID WHITE, 10cm AT 3m SPACING
  16. SOLID YELLOW, 45cm AT 3m SPACING
  17. SOLID WHITE, 45cm AT 3m SPACING
  18. SOLID WHITE, 10cm AT 3m SPACING
  19. SOLID WHITE, 60cm AT 60cm SPACING
  20. SYMBOLS
- ] ] LIMITS OF MARKINGS

NOTES:

1. 333, 363 Denotes Pavement Marking Spacing (e.g., 3m line, 3m gap, 3m line)
2. Use 1 to Denote PAVEMENT MARKING
3. Use 1 to Denote PAVEMENT MARKING, DURABLE
4. Use 1 to Denote PAVEMENT MARKING, TEMPORARY

SIGNAGE LEGEND

- INSTALL NEW SIGN AND POST
- EXISTING SIGN AND POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. INSTALL NEW Rb-55 ON EXISTING SIGN POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. REMOVE AND SALVAGE EXISTING POST IF NO OTHER SIGNS ON POST

**MCCARTHER AVENUE BICYCLE LANES**  
FROM NORTH RIVER ROAD TO ST-LAURENT BOULEVARD

**PROPOSED PAVEMENT MARKINGS AND SIGNAGE**  
STA10+889 TO STA11+189

Contract No. ISD17-5111 Dwg. No. 104  
Sheet 4 of 16

Asset No. ---  
Asset Group AMB

Alain C. Gonthier, P.Eng Director, Infrastructure Services  
Eric Ouimet, P.Eng Project Manager

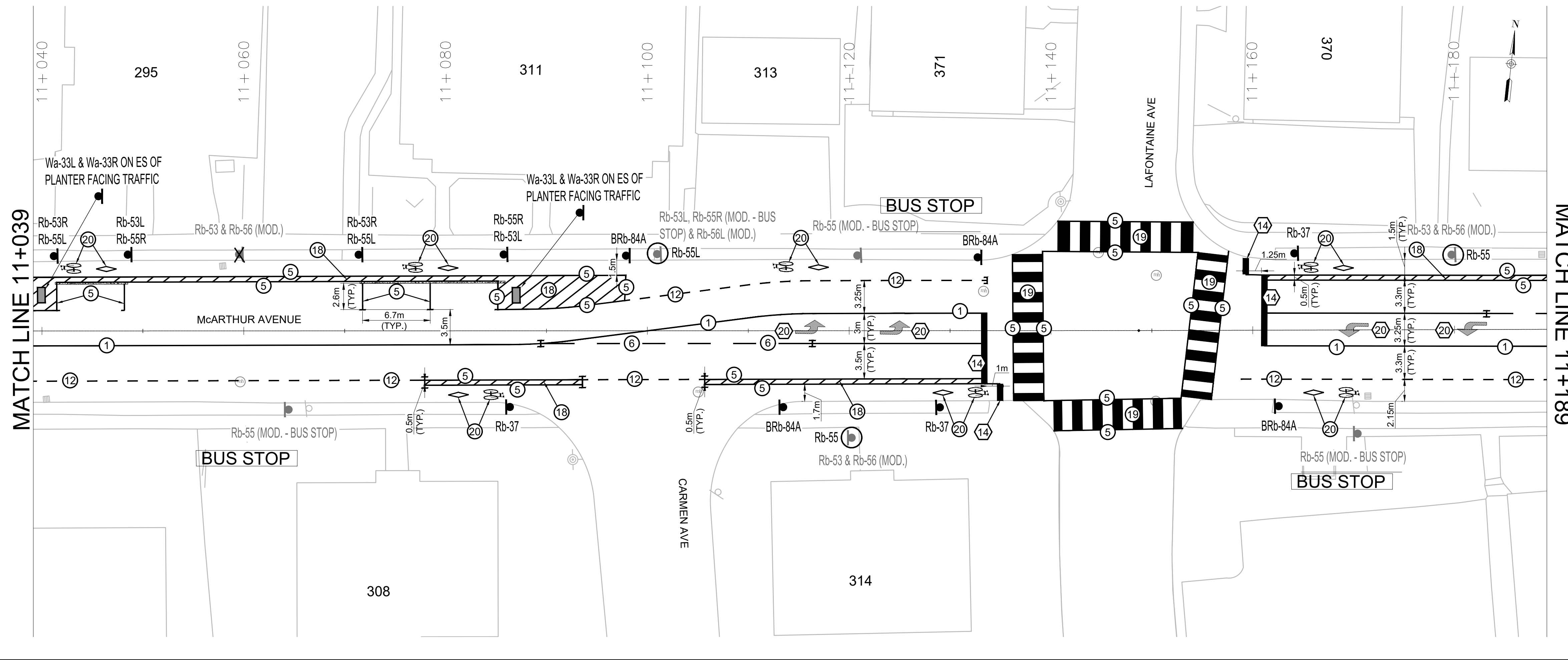
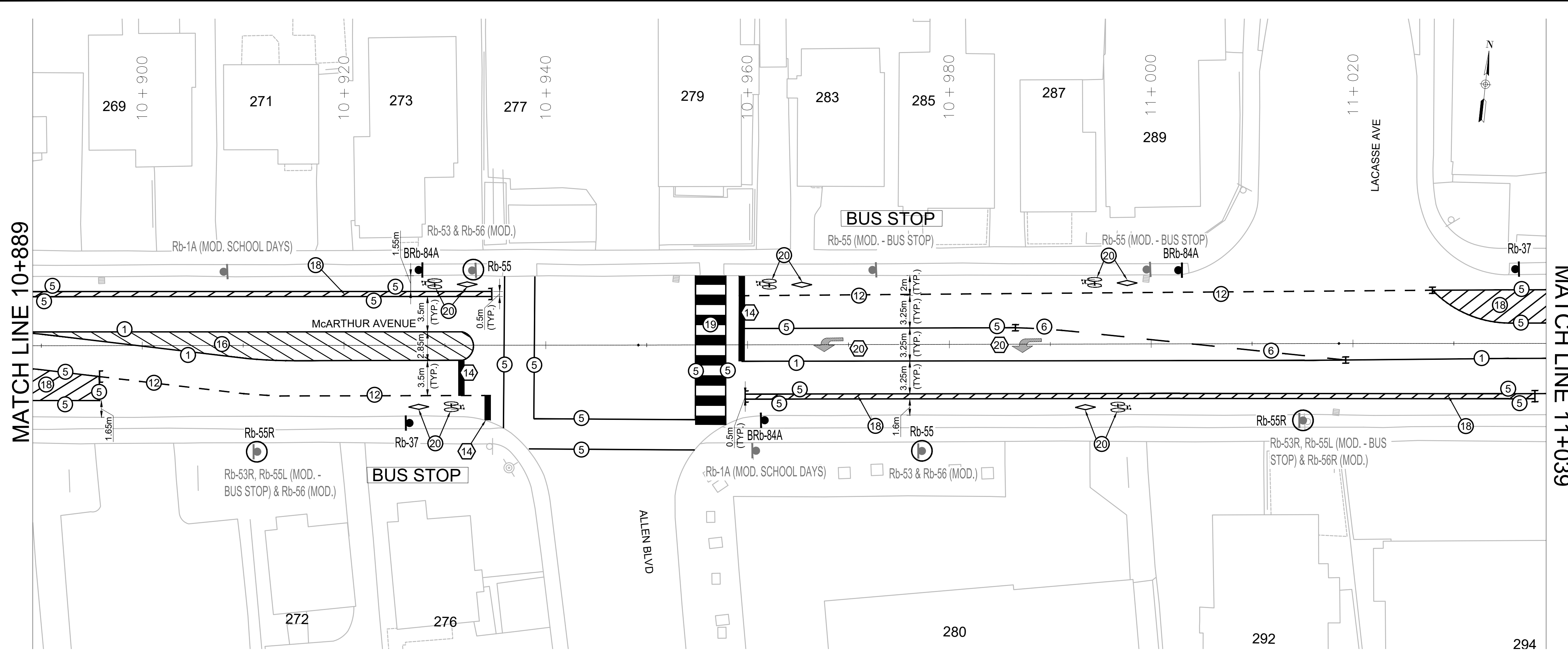
**MORRISON HERSHFIELD**

Des. PD Chk'd. CR  
Dwn. PD Chk'd. CR  
Utility Circ. No. ---  
Const. Inspector ---

Scale: HORIZONTAL 0m 2.5 5 10  
VERTICAL 0m 5 10

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.

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3	ISSUED FOR UTILITY CIRCULATION	CR	19-05-17
4	REVISED AS PER COMMENTS RECEIVED	CR	07-07-17
5			



**PAVEMENT MARKINGS**

1. SOLID YELLOW, 10cm
  2. SOLID DOUBLE YELLOW, 10cm
  3. 363 BROKEN YELLOW, 10cm
  4. SOLID YELLOW, 20cm
  5. SOLID WHITE, 10cm
  6. 333 BROKEN WHITE, 10cm
  7. 363 BROKEN WHITE, 10cm
  8. SOLID WHITE, 20cm
  9. 333 BROKEN WHITE, 20cm
  11. SOLID YELLOW, 30cm
  12. 111 BROKEN WHITE, 10cm
  14. SOLID WHITE, 60cm
  15. SOLID WHITE, 10cm AT 3m SPACING
  16. SOLID YELLOW, 45cm AT 3m SPACING
  17. SOLID WHITE, 45cm AT 3m SPACING
  18. SOLID WHITE, 10cm AT 3m SPACING
  19. SOLID WHITE, 60cm AT 60cm SPACING
  20. SYMBOLS
- ] LIMITS OF MARKINGS

**NOTES:**

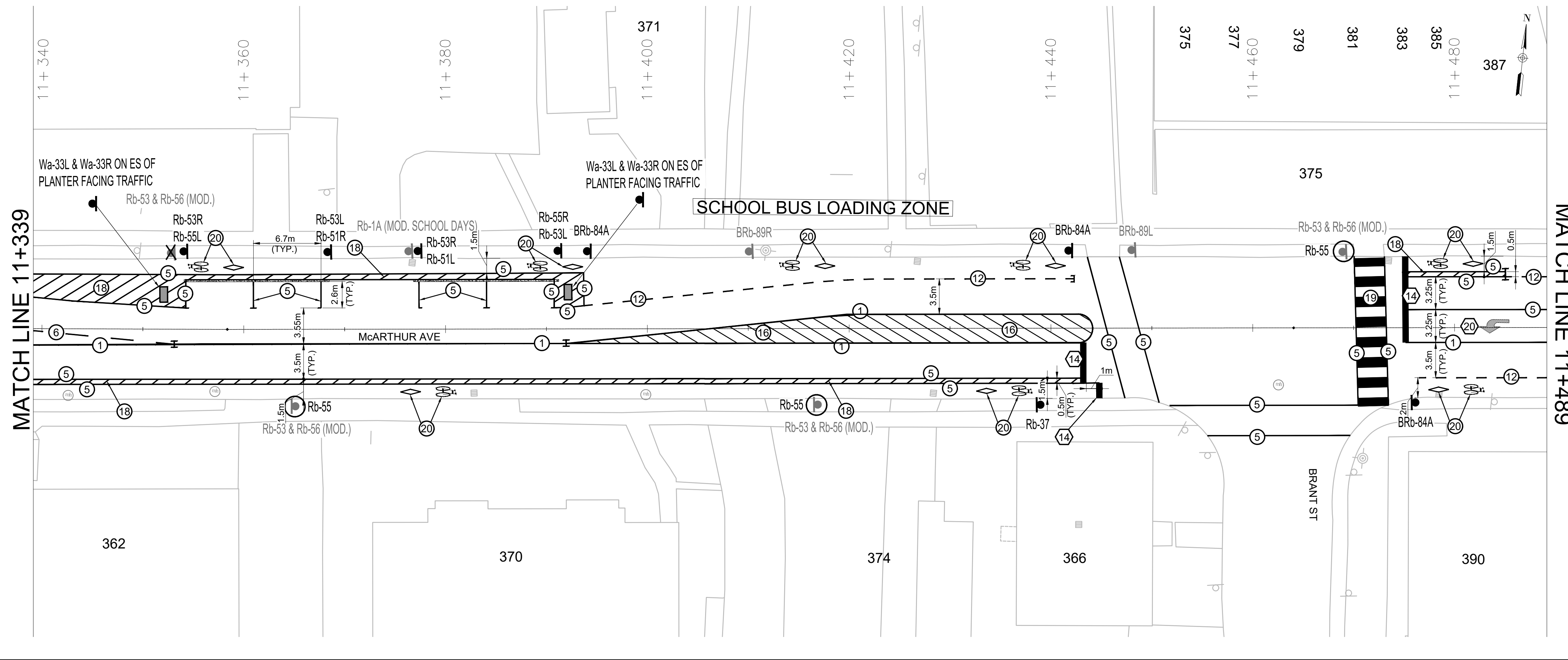
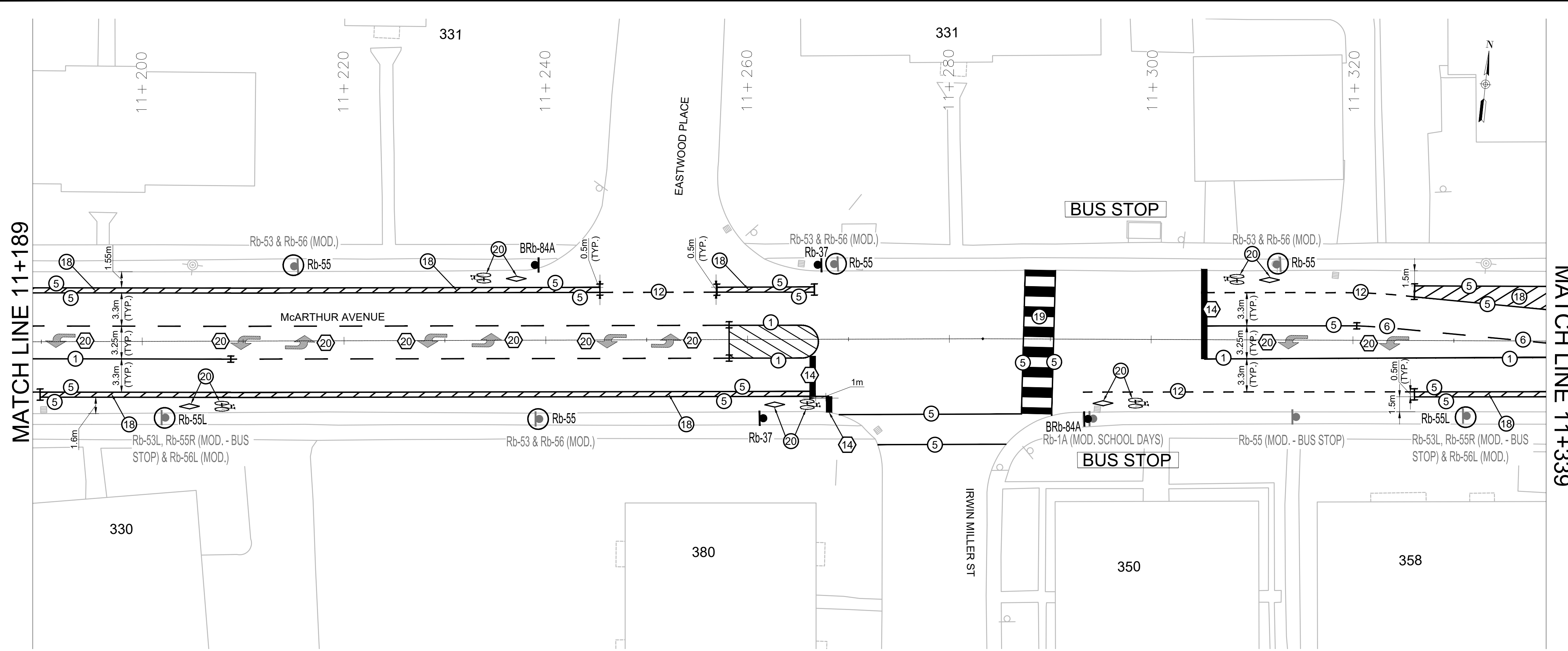
1. 333, 363 Denotes Pavement Marking Spacing (e.g., 3m line, 3m gap, 3m line)
2. Use 1 to Denote PAVEMENT MARKING
3. Use 1 to Denote PAVEMENT MARKING, DURABLE
4. Use 1 to Denote PAVEMENT MARKING, TEMPORARY

**SIGNAGE LEGEND**

- INSTALL NEW SIGN AND POST
- EXISTING SIGN AND POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. INSTALL NEW Rb-55 ON EXISTING SIGN POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. REMOVE AND SALVAGE EXISTING POST IF NO OTHER SIGNS ON POST

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.

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4	REVISED AS PER COMMENTS RECEIVED	CR	07-07-17
5			



PAVEMENT MARKINGS

1. SOLID YELLOW, 10cm
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  9. 333 BROKEN WHITE, 20cm
  11. SOLID YELLOW, 30cm
  12. 111 BROKEN WHITE, 10cm
  14. SOLID WHITE, 60cm
  15. SOLID WHITE, 10cm AT 3m SPACING
  16. SOLID YELLOW, 45cm AT 3m SPACING
  17. SOLID WHITE, 45cm AT 3m SPACING
  18. SOLID WHITE, 10cm AT 3m SPACING
  19. SOLID WHITE, 60cm AT 60cm SPACING
  20. SYMBOLS
- ] LIMITS OF MARKINGS

NOTES:

1. 333, 363 Denotes Pavement Marking Spacing (e.g., 3m line, 3m gap, 3m line)
2. Use ① to Denote PAVEMENT MARKING
3. Use ① to Denote PAVEMENT MARKING, DURABLE
4. Use ① to Denote PAVEMENT MARKING, TEMPORARY

SIGNAGE LEGEND

- INSTALL NEW SIGN AND POST
- EXISTING SIGN AND POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. INSTALL NEW Rb-55 ON EXISTING SIGN POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. REMOVE AND SALVAGE EXISTING POST IF NO OTHER SIGNS ON POST

**MCCARTHER AVENUE BICYCLE LANES  
FROM NORTH RIVER ROAD TO ST-LAURENT  
BOULEVARD**

**PROPOSED PAVEMENT MARKINGS AND  
SIGNAGE  
STA11+489 TO STA11+789**

Contract No. ISD17-5111 Dwg. No. 106  
Sheet 6 of 16

Asset No. ---  
Asset Group AMB

Alain C. Gonthier, P.Eng. Director, Infrastructure Services  
Eric Ouimet, P.Eng. Project Manager

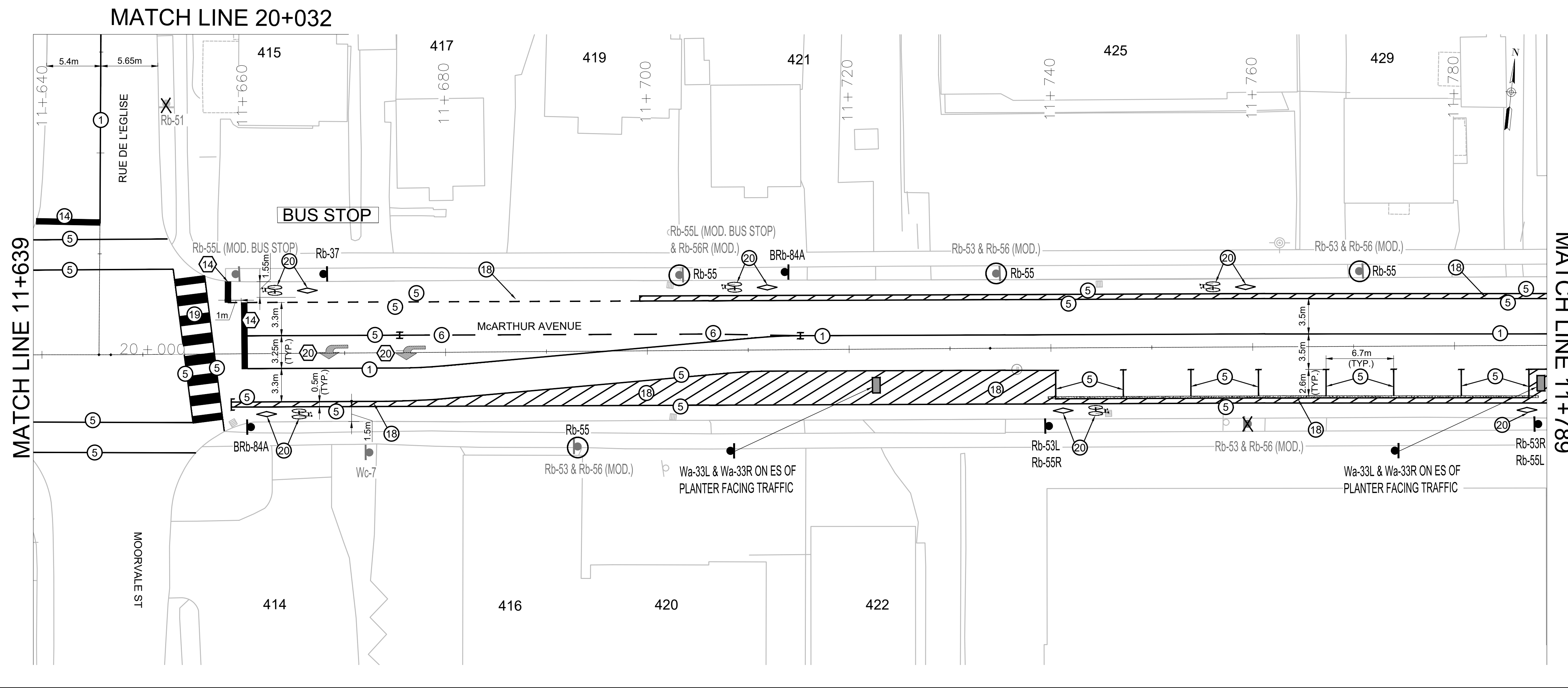
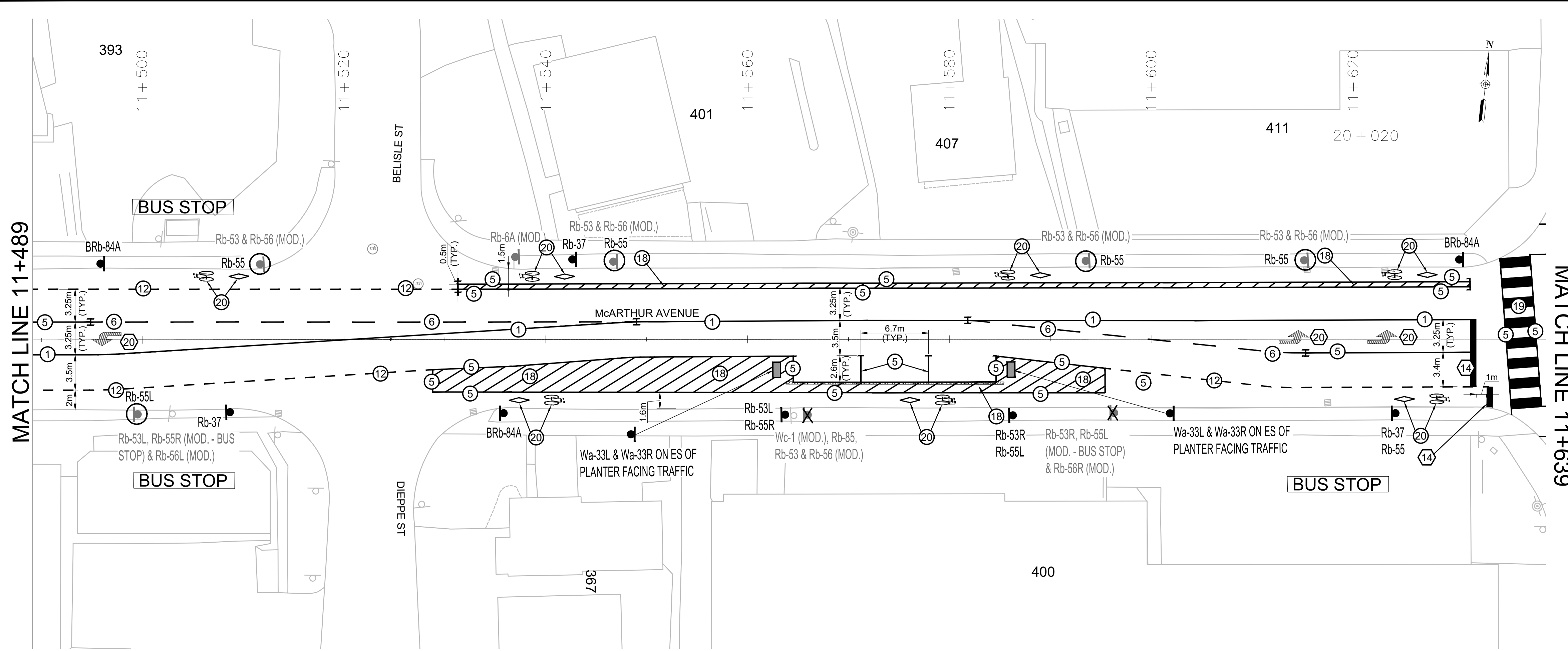
**MORRISON HERSHFIELD**

Des. PD Chk'd. CR  
Dwn. PD Chk'd. CR  
Utility Circ. No. ---  
Const. Inspector ---

Scale: HORIZONTAL 0m 2.5 5 10  
VERTICAL 0m 5 10

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**PAVEMENT MARKINGS**

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  14. SOLID WHITE, 60cm
  15. SOLID WHITE, 10cm AT 3m SPACING
  16. SOLID YELLOW, 45cm AT 3m SPACING
  17. SOLID WHITE, 45cm AT 3m SPACING
  18. SOLID WHITE, 10cm AT 3m SPACING
  19. SOLID WHITE, 60cm AT 60cm SPACING
  20. SYMBOLS
- ] LIMITS OF MARKINGS

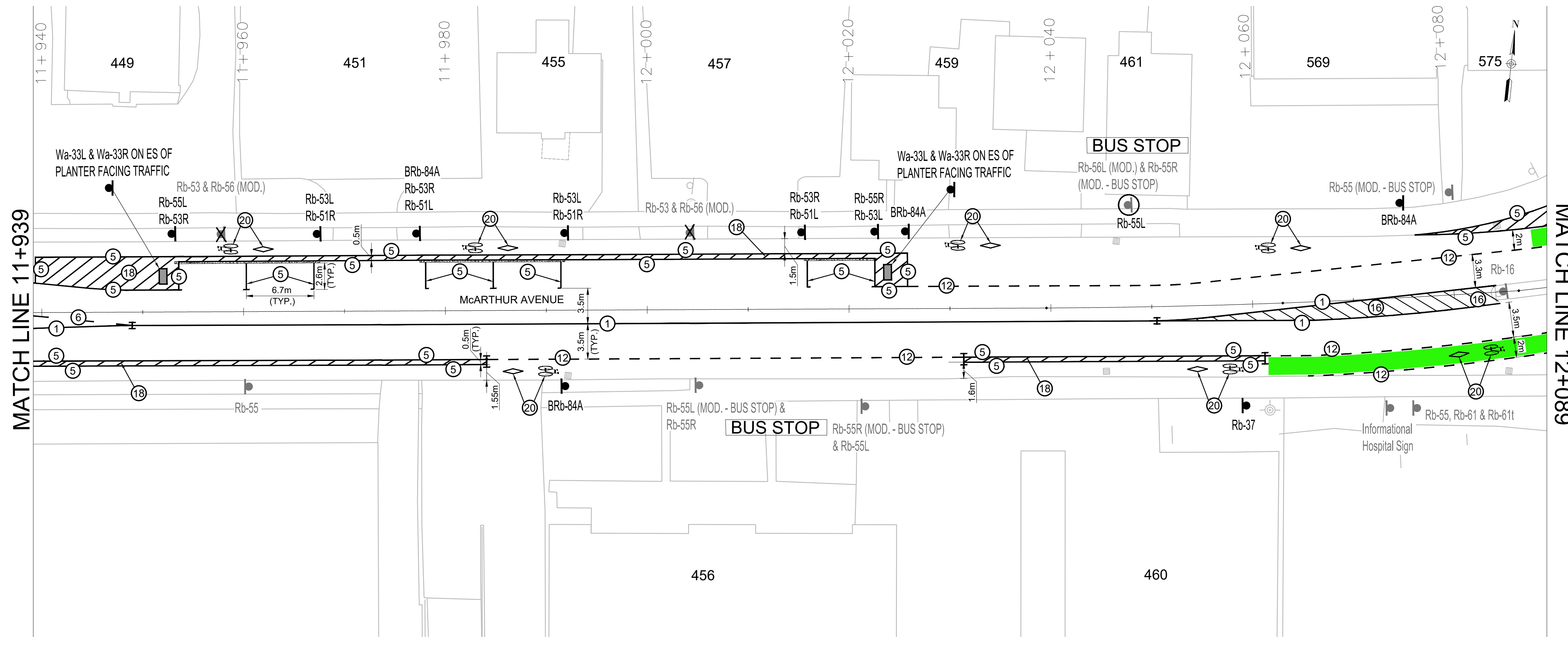
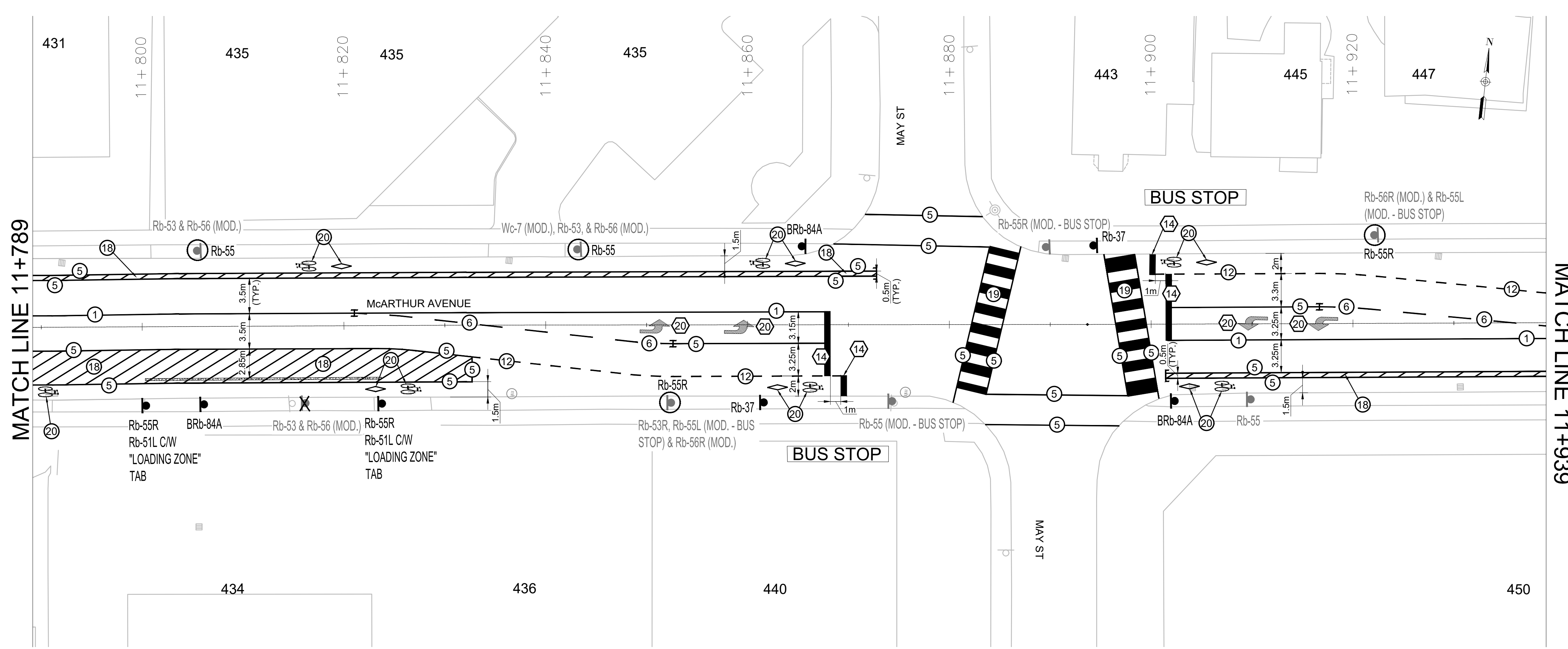
- NOTES:**
- (i.e., 3m line, 3m gap, 3m line)
2. Use ① to Denote PAVEMENT MARKING
  3. Use ① to Denote PAVEMENT MARKING, DURABLE
  4. Use ① to Denote PAVEMENT MARKING, TEMPORARY

**SIGNAGE LEGEND**

- INSTALL NEW SIGN AND POST
- EXISTING SIGN AND POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. INSTALL NEW Rb-55 ON EXISTING SIGN POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. REMOVE AND SALVAGE EXISTING POST IF NO OTHER SIGNS ON POST

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4	REVISED AS PER COMMENTS RECEIVED	CR	07-07-17
5			



PAVEMENT MARKINGS

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  3. 363 BROKEN YELLOW, 10cm
  4. SOLID YELLOW, 20cm
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  11. SOLID YELLOW, 30cm
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  14. SOLID WHITE, 60cm
  15. SOLID WHITE, 10cm AT 3m SPACING
  16. SOLID YELLOW, 45cm AT 3m SPACING
  17. SOLID WHITE, 45cm AT 3m SPACING
  18. SOLID WHITE, 10cm AT 3m SPACING
  19. SOLID WHITE, 60cm AT 60cm SPACING
  20. SYMBOLS
- ] LIMITS OF MARKINGS

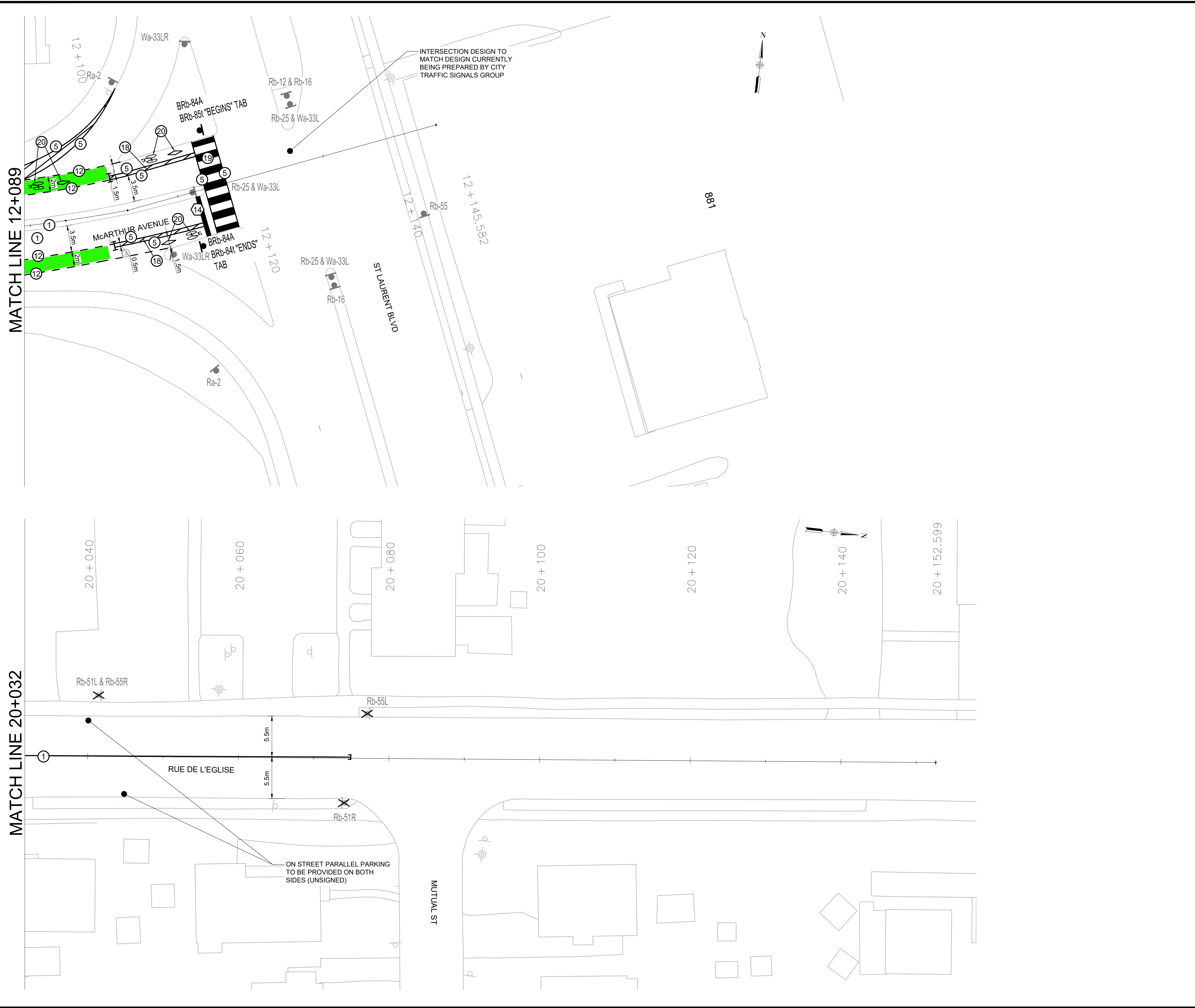
NOTES:

- (ie., 3m line, 3m gap, 3m line)
2. Use 1 to Denote PAVEMENT MARKING
  3. Use 1 to Denote PAVEMENT MARKING, DURABLE
  4. Use 1 to Denote PAVEMENT MARKING, TEMPORARY

SIGNAGE LEGEND

- INSTALL NEW SIGN AND POST
- EXISTING SIGN AND POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. INSTALL NEW Rb-55 ON EXISTING SIGN POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. REMOVE AND SALVAGE EXISTING POST IF NO OTHER SIGNS ON POST





**MCARTHUR AVENUE BICYCLE LANES**  
FROM NORTH RIVER ROAD TO ST-LAURENT BOULEVARD

**PROPOSED PAVEMENT MARKINGS AND SIGNAGE**  
STA12+089 TO STA12+145  
STA20+032 TO STA20+152

Contract No. ISD17-5111 Dwg. No. 108  
Sheet 8 of 16

Asset No. ---  
Asset Group AMB

Alain C. Gonthier, P.Eng Director, Infrastructure Services  
Eric Oulmet, P.Eng Project Manager

**MORRISON HERSHFIELD**

Des. PD Chk'd. CR  
Dwn. PD Chk'd. CR  
Utility Circ. No. ---  
Const. Inspector ---

Scale: HORIZONTAL 0m 2.5 5 10  
VERTICAL 0m 5 10

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15. SOLID WHITE, 10cm AT 3m SPACING
16. SOLID YELLOW, 45cm AT 3m SPACING
17. SOLID WHITE, 45cm AT 3m SPACING
18. SOLID WHITE, 10cm AT 3m SPACING
19. SOLID WHITE, 60cm AT 60cm SPACING
20. SYMBOLS
}] LIMITS OF MARKINGS

**NOTES:**

(ie., 3m line, 3m gap, 3m line)

2. Use ① to Denote PAVEMENT MARKING  
3. Use ① to Denote PAVEMENT MARKING, DURABLE  
4. Use ① to Denote PAVEMENT MARKING, TEMPORARY

**SIGNAGE LEGEND**

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- EXISTING SIGN AND POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. INSTALL NEW Rb-55 ON EXISTING SIGN POST
- REMOVE AND SALVAGE EXISTING PARKING SIGNS. REMOVE AND SALVAGE EXISTING POST IF NO OTHER SIGNS ON POST