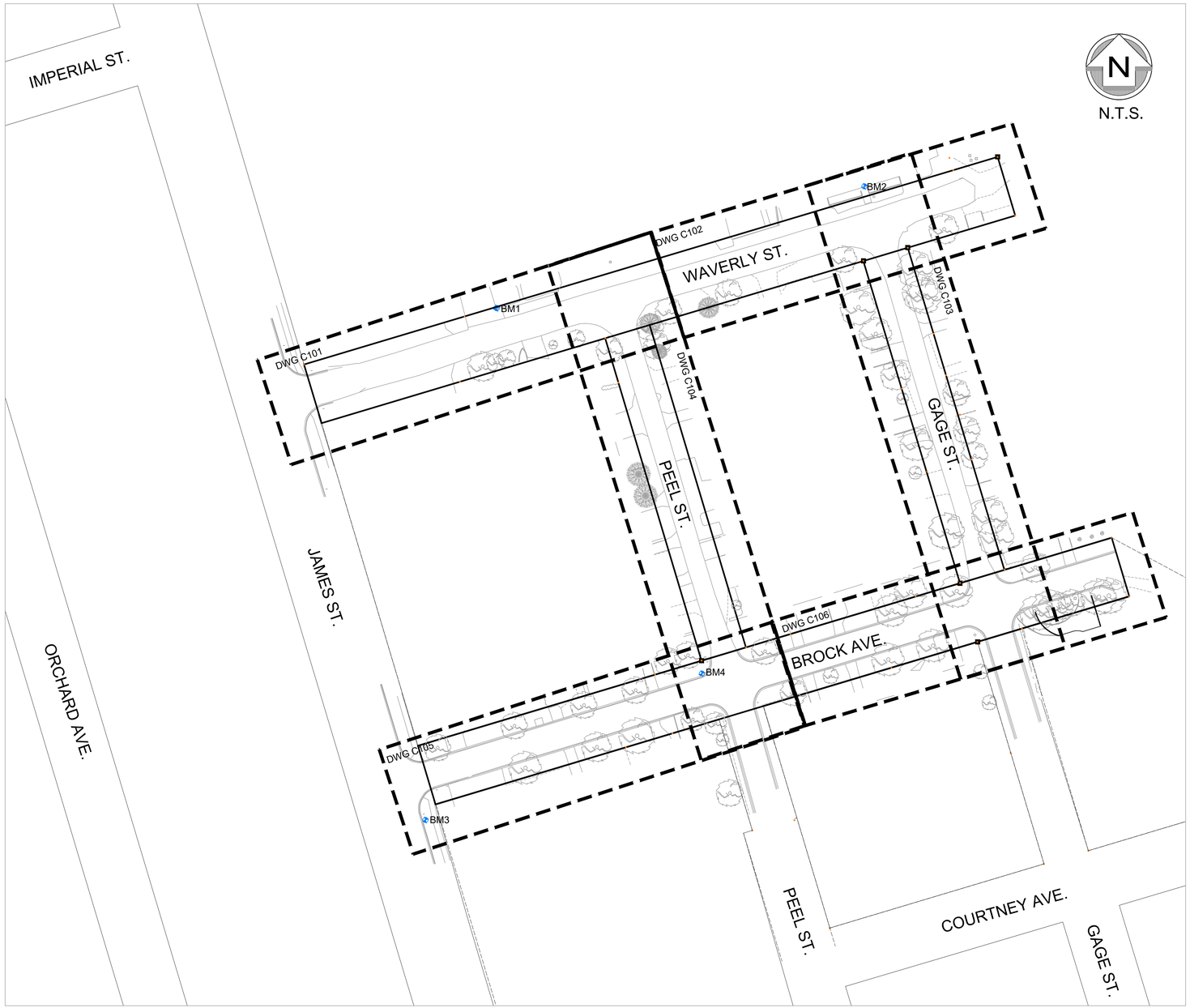
DELHI STREETS RECONSTRUCTION

PW-EAM-26-37

DELHI - NORFOLK COUNTY



DRAWING LIST		
DRAWING NUMBER	DRAWING TITLE	DRAWING DESCRIPTION
COV	COVER PAGE	
C101	PLAN AND PROFILE 1	WAVERLY STREET STA. 0+000 - 0+150
C102	PLAN AND PROFILE 2	WAVERLY STREET STA. 0+150 - END
C103	PLAN AND PROFILE 3	GAGE STREET STA. 0+000 - 0+160
C104	PLAN AND PROFILE 4	PEEL STREET STA. 0+000 - 0+180
C105	PLAN AND PROFILE 5	BROCK AVENUE STA. 0+000 - 0+150
C106	PLAN AND PROFILE 6	BROCK AVENUE STA. 0+150 - END
C107	INTERSECTION GRADING PLAN	
C108	LINE PAINTING AND SIGNAGE PLAN	
C109	LINE PAINTING AND SIGNAGE PLAN	
GN	GENERAL NOTES	
EX1	EXISTING PLAN AND PROFILE 1	WAVERLY STREET STA. 0+000 - 0+150
EX2	EXISTING PLAN AND PROFILE 2	WAVERLY STREET STA. 0+150 - END
EX3	EXISTING PLAN AND PROFILE 3	GAGE STREET STA. 0+000 - 0+160
EX4	EXISTING PLAN AND PROFILE 4	PEEL STREET STA. 0+000 - 0+180
EX5	EXISTING PLAN AND PROFILE 5	BROCK AVENUE STA. 0+000 - 0+150
EX6	EXISTING PLAN AND PROFILE 6	BROCK AVENUE STA. 0+150 - END
XS-01	WAVERLY CROSS SECTIONS	
XS-02	BROCK CROSS SECTIONS	
XS-03	GAGE CROSS SECTIONS	
XS-04	PEEL CROSS SECTIONS	
STM	STORM DRAINAGE AREAS	
SAN1	SANITARY AREAS 1	
SAN2	SANITARY AREAS 2	

SITE BENCHMARKS:

BM1: ELEV: 239.70m
CORNER OF CONCRETE RETAINING WALL ON NORTH SIDE OF WAVERLY STREET AT STA. 0+090

BM2: ELEV: 241.81m
DOORSILL ON NORTH SIDE OF WAVERLY ACROSS FROM WAVERLY AND GAGE INTERSECTION

BM3: ELEV: 240.74m
LARGE PUMPER ARM ON FIRE HYDRANT #71 ON EAST SIDE OF JAMES STREET AT #593 JAMES STREET

BM4: ELEV: 241.03m
SPIKE IN HYDRO POLE AT NORTHWEST CORNER OF PEEL AND BROCK INTERSECTION. APPROX 0.4M ABOVE GROUND

REV. No.	DATE	REVISION
0	2026.06.10	ISSUED FOR 30% REVIEW
1	2026.08.21	ISSUED FOR 60/90% REVIEW

NOTE:
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SURVEY INFORMATION:
LEGAL SURVEY COMPLETED BY JERRITT & DIXON LTD. DATED 2026.05.13. PART OF PEEL STREET AND GAGE STREET AND ALL OF WAVERLY STREET AND BROCK AVENUE PLAN 261 TOWN OF DELHI, NORFOLK COUNTY

TOPOGRAPHIC SURVEY COMPLETED BY G. D. VALLEE DATED 2026.04.15 BASED ON THE FOLLOWING:

VERTICAL DATUM: CANADIAN GEODETIC DATUM (CGVD28)

COORDINATE SYSTEM: NAD83 (CSRS) / UTM ZONE 17N

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Stamp

Project Title
PW-EAM-26-37
DELHI STREETS RECONSTRUCTION
DELHI - NORFOLK COUNTY

Drawing Title
COVER PAGE

Designed by : NLO	Drawn By : NLO
Checked by : TGS	Date Started : 2026.05.11
Drawing Scale : NTS	Drawing No. COV
Project No. 26-045	

DATE LAST PLOTTED : 2026.09.02
FILE PATH: H:\PROJECTS\2026\26-045 DELHI STREET RECONSTRUCTIONS NORFOLK\DRAWINGS\CIVIL\26-045 COVER.DWG

LEGEND

- RESTORATION LIMIT
- PROPOSED STORM
- PROPOSED SANITARY
- PROPOSED WATERMAIN
- EX BELL
- EX GAS
- EX FIBRE OPTIC
- EX UNDERGROUND HYDRO
- STMH3 — PROPOSED STORM MANHOLE
- CBMH3 — PROPOSED CATCHBASIN MANHOLE
- DCBMH3 — PROPOSED CATCHBASIN MANHOLE
- CBDI — PROPOSED CATCHBASIN/DITCHINLET
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- SAMH3 — PROPOSED SANITARY MANHOLE
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- PROPOSED LIGHT STANDARD
- PROPOSED LIGHTING PEDESTAL
- DEPRESSED CURB FOR CROSSWALKS (DEPRESSED CURB AND TACTILE PLATES TO EXTEND FOR ENTIRE LENGTH OF 2.5m CROSSWALK WIDTH)
- 0.5m TAPER FOR DEPRESSED MOUNTABLE CURB, 1.5m TAPER FOR DEPRESSED BARRIER CURB

*WS/SA 01 JAM (100mm)
- SERVICE DIAMETER
- 1ST 3 LETTERS OF STREET
- MUNICIPAL STREET #
- WS - WATER SERVICE; SA - SANITARY SERVICE
- LOCATION TO BE CONFIRMED BY CONTRACTOR IN FIELD

000 (R/P) (R)*
- REVIEW BEFORE REMOVAL
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- TREE IDENTIFICATION NUMBER PER ARBORIST REPORT.

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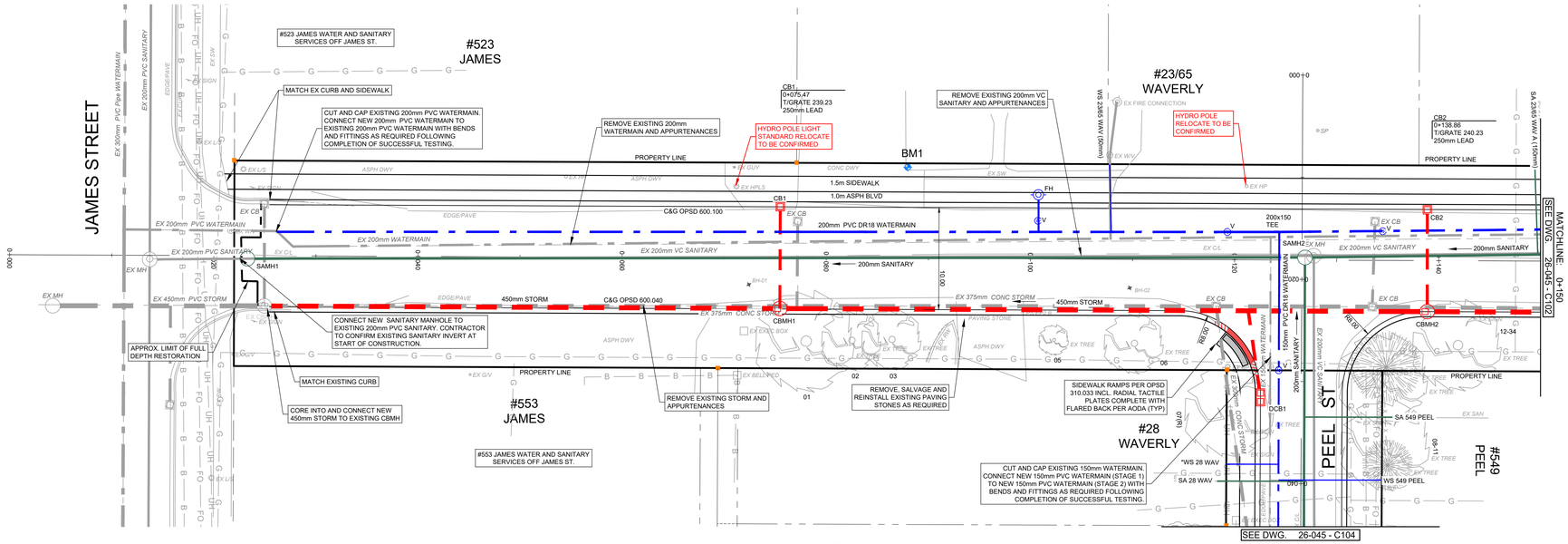

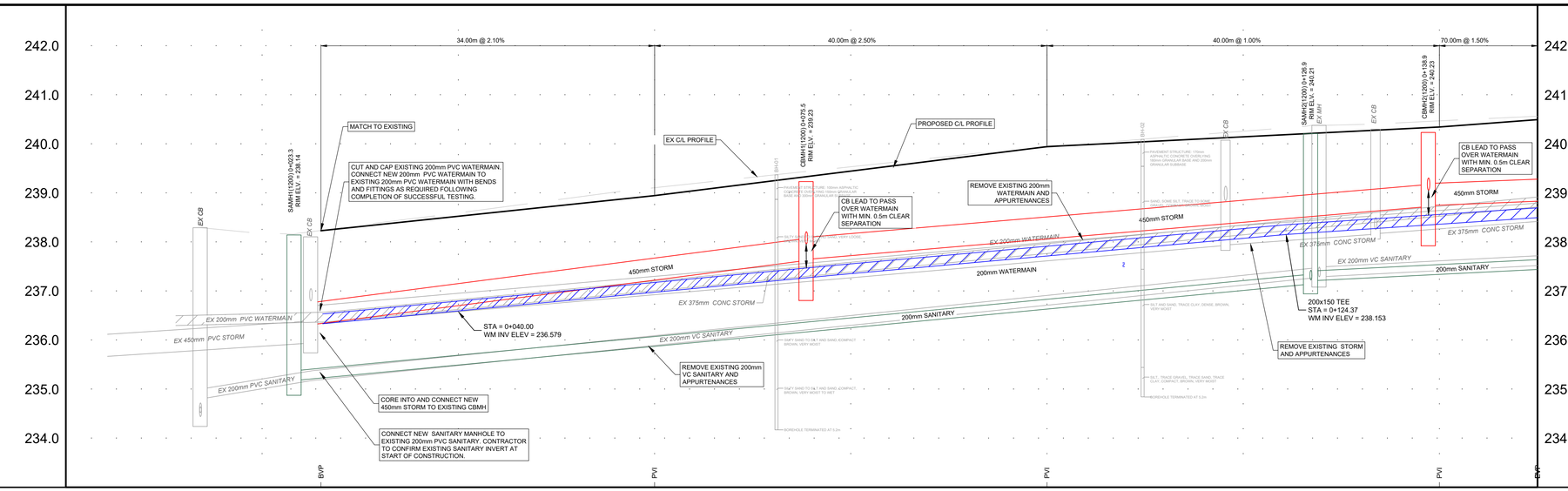

CHAINAGE	0+000	0+020	0+026.0 BVP	0+040.0 PVI	0+060.0	0+080	0+070.0 PVI	0+120	0+140.0 PVI	0+160.0	0+186.0 EVP		CHAINAGE
FINAL CENTRE LINE ROAD ELEVATIONS			238.23	238.58		239.45	239.20	240.15	239.70	239.70	240.05		FINAL CENTRE LINE ROAD ELEVATIONS
STORM SEWER			49.1m OF 450mm ULTRA RIB STORM WITH CLASS B BEDDING @ 2.60%			237.61W 237.69E 237.98N	62.8m OF 450mm ULTRA RIB STORM WITH CLASS B BEDDING @ 1.70%			238.72W 238.74E 238.99N	88.4m OF 450mm ULTRA RIB STORM WITH CLASS B BEDDING @ 0.80%		STORM SEWER
SANITARY SEWER			235.18E	103.6m OF 200mm PVC SDR 35 SANITARY WITH CLASS B BEDDING @ 1.90%					237.14W 237.22S 237.21E	87.8m OF 200mm PVC SDR 35 SANITARY WITH CLASS B BEDDING @ 1.00%			SANITARY SEWER

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Stamp

Project Title
PW-EAM-26-37
DELHI STREETS RECONSTRUCTION
DELHI - NORFOLK COUNTY

Drawing Title
PLAN AND PROFILE 1
WAVERLY STREET STA. 0+000 - 0+150

Designed by : NLO	Drawn By : NLO
Checked by : TGS	Date Started : 2026.05.11
Drawing Scale : NTS	Drawing No. C101
Project No. 26-045	

FILE PATH: H:\PROJECTS\2026\26-045 DELHI STREET RECONSTRUCTIONS NORFOLK\DRAWINGS\CIVIL\26-045 P&P1.DWG
DATE LAST PLOTTED: 2026.09.02

LEGEND

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- PROPOSED WATERMAIN
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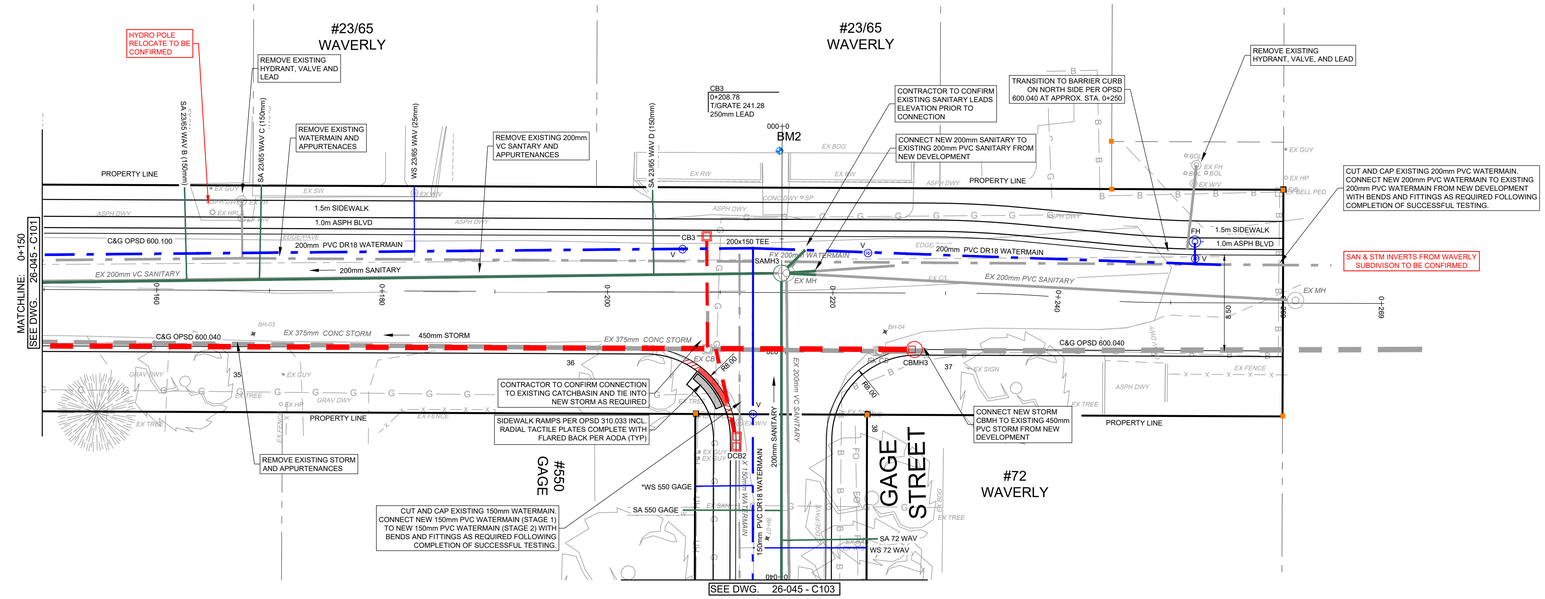
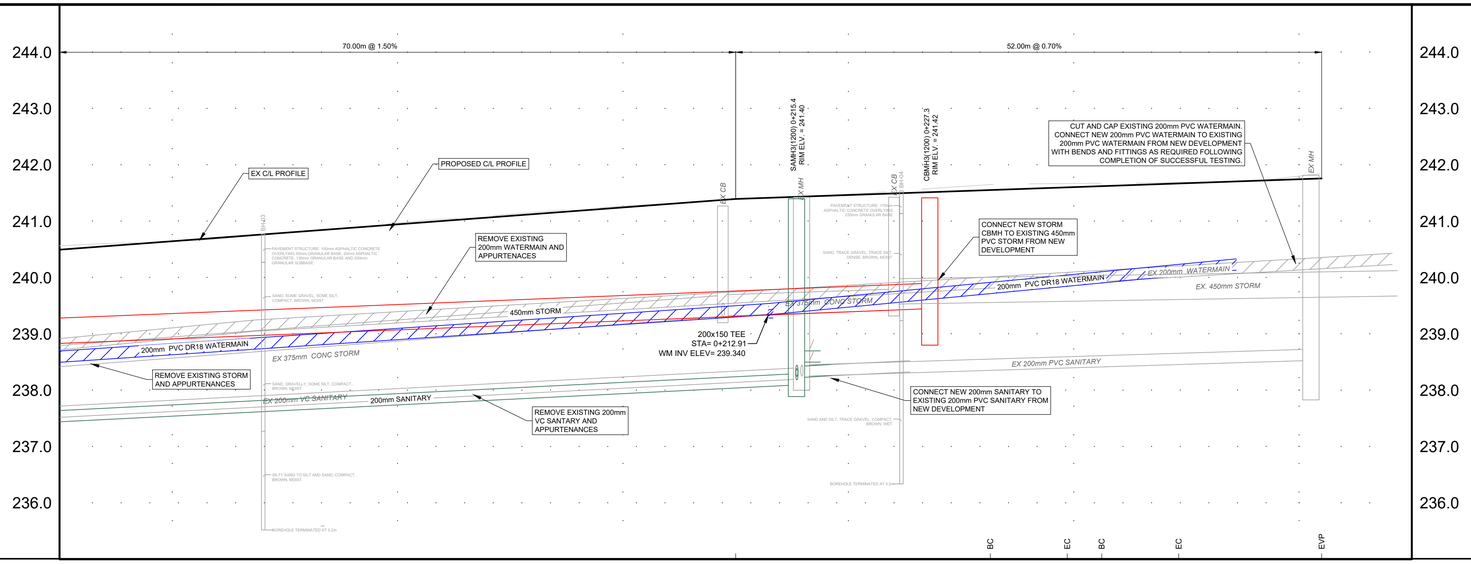


WAVERLY STREET



CHAINAGE	0+150	0+180	0+200	0+220	0+232.6	0+239.4 / 0+240	0+242.5	0+249.3	0+260	0+262.0	0+270		CHAINAGE
FINAL CENTRE LINE ROAD ELEVATIONS	240.50	240.95	241.25	241.47	241.55	241.60 / 241.61	241.62	241.67	241.75	241.76			FINAL CENTRE LINE ROAD ELEVATIONS
STORM SEWER	88.4m OF 450mm ULTRA RIB STORM WITH CLASS B BEDDING @ 0.80%						239.45W						STORM SEWER
SANITARY SEWER	87.8m OF 200mm PVC SDR 35 SANITARY WITH CLASS B BEDDING @ 1.00%				238.16S 238.32E	238.00W 238.50NE 239.20E							SANITARY SEWER

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PLAN AND PROFILE 2
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Checked by : TGS	Date Started : 2026.05.11
Drawing Scale : NTS	Drawing No. C102
Project No. 26-045	

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DATE LAST PLOTTED: 2026.09.02

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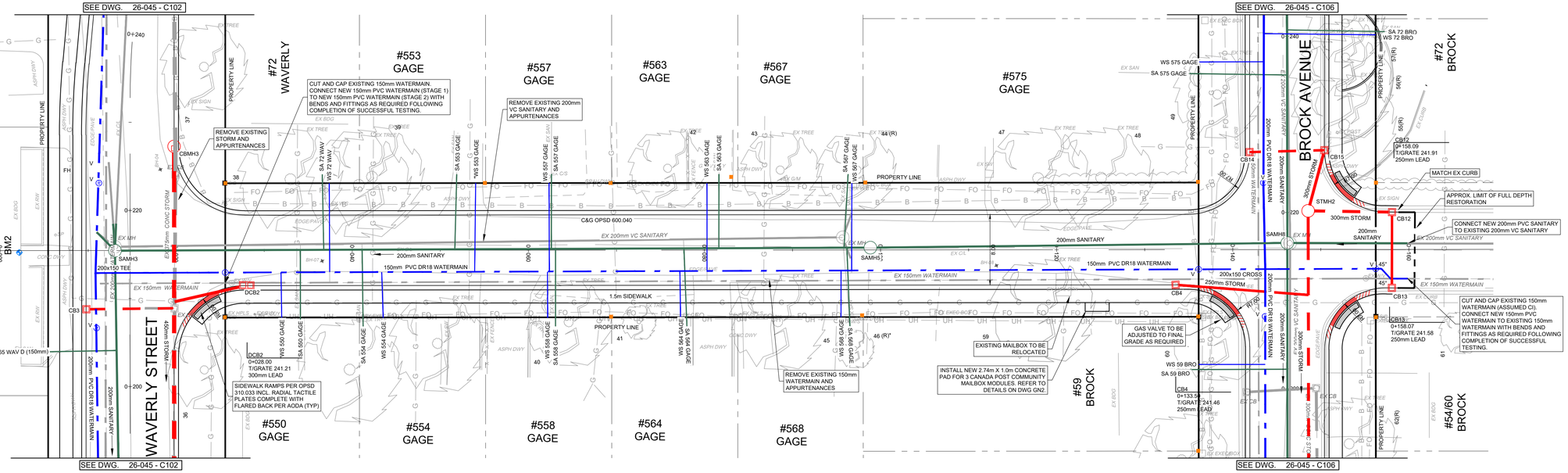
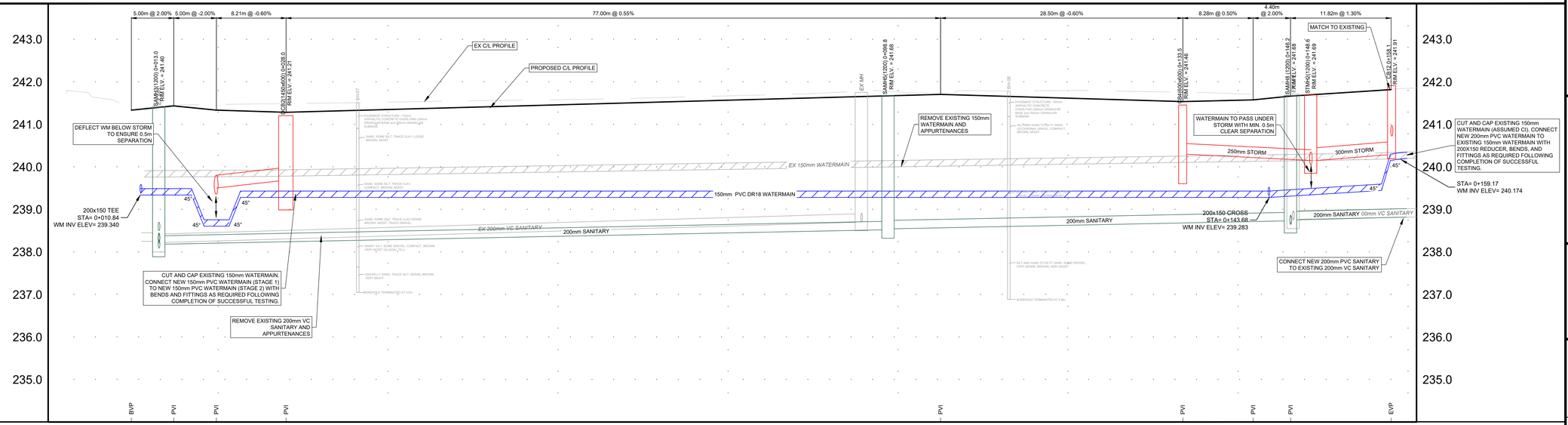


GAGE STREET



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3. SERVICE LOCATIONS TO BE EXCAVATED USING HYDROVAC WHERE NEAR TREES, TO BE DETERMINED IN THE FIELD WHEN EXACT SERVICE LOCATIONS ARE CONFIRMED.
4. REFER TO DWG GN FOR WATERMAIN RESTRAINTS TABLE. ALL BENDS TO BE TIED-IN AND SHOWN ON AS-CONSTRUCTED DRAWINGS.
5. CONTRACTOR TO MAINTAIN 2.5m HORIZONTAL SEPARATIONS AND 0.5m VERTICAL SEPARATIONS BETWEEN WATERMAIN AND SANITARY/STORM SEWERS.
6. NEW SANITARY SERVICES TO EXTEND 1.0m BEYOND PROPERTY LINE.
7. ALL STORM WITH LESS THAN 1.0m COVER TO BE INSULATED PER OPSD 1109.030.
8. ALL WATER WITH LESS THAN 1.7m COVER TO BE INSULATED PER OPSD 1109.030.
9. ALL MANHOLES IN THE ROADWAY SHALL BE FITTED WITH SELF-LEVELING MANHOLE FRAMES AND COVERS AND ADJUSTED TO GRADE DURING SURFACE ASPHALT PLACEMENT.
10. ALL CATCHBASINS AND CATCHBASIN MANHOLES (UNLESS OTHERWISE NOTED) TO BE FITTED WITH CB SHIELD SYSTEM OR APPROVED EQUIVALENT SYSTEM.

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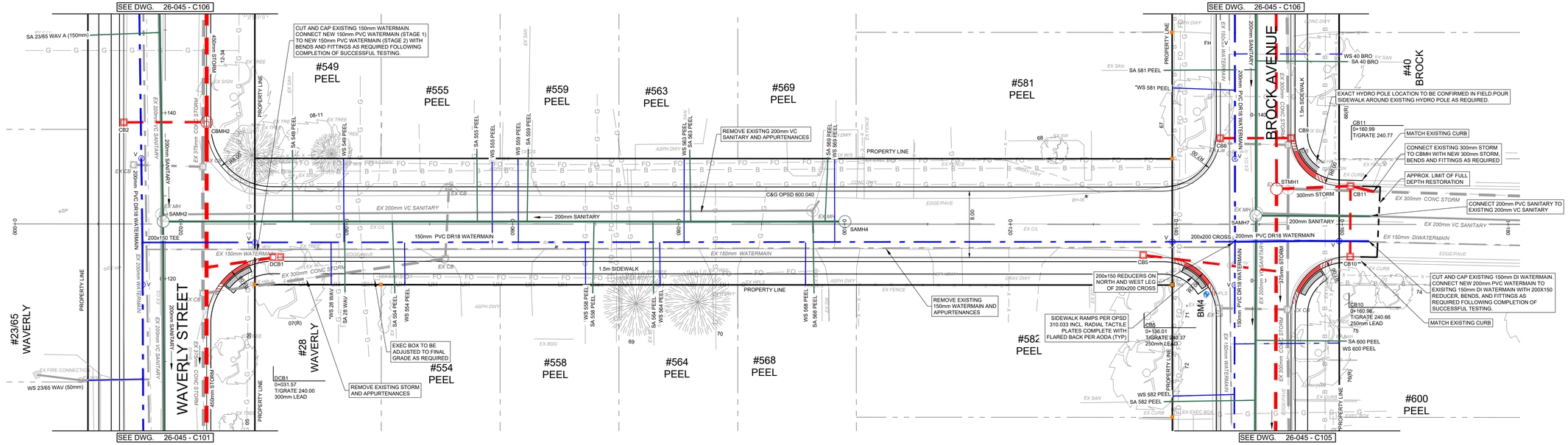
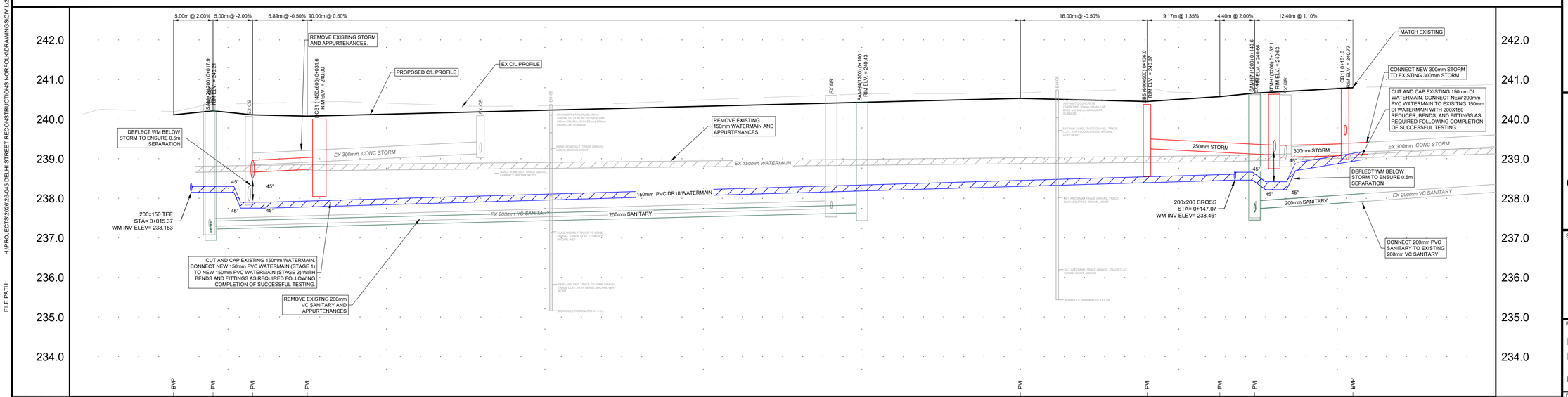
0	2026.06.10	ISSUED FOR 30% REVIEW
1	2026.08.21	ISSUED FOR 60/90% REVIEW



PEEL STREET



| | | |

LEGEND

- RESTORATION LIMIT
- PROPOSED STORM
- PROPOSED SANITARY
- PROPOSED WATERMAIN
- EX BELL
- EX GAS
- EX FIBRE OPTIC
- EX UNDERGROUND HYDRO
- STMH3 — PROPOSED STORM MANHOLE
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- DCBMH3 — PROPOSED CATCHBASIN MANHOLE
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- DCB — PROPOSED DOUBLE CATCHBASIN
- SAMH3 — PROPOSED SANITARY MANHOLE
- WV — PROPOSED WATER VALVE
- FH — PROPOSED FIRE HYDRANT
- WV — EXISTING WATER VALVE
- FH — EXISTING FIRE HYDRANT
- PROPOSED LIGHT STANDARD
- PROPOSED LIGHTING PEDESTAL
- DEPRESSED CURB FOR CROSSWALKS (DEPRESSED CURB AND TACTILE PLATES TO EXTEND FOR ENTIRE LENGTH OF 2.5m CROSSWALK WIDTH)
- 0.5m TAPER FOR DEPRESSED MOUNTABLE CURB, 1.5m TAPER FOR DEPRESSED BARRIER CURB

*WS/SA 01 JAM (100mm)
- SERVICE DIAMETER
- 1ST 3 LETTERS OF STREET
- MUNICIPAL STREET #
- WS - WATER SERVICE; SA - SANITARY SERVICE
- LOCATION TO BE CONFIRMED BY CONTRACTOR IN FIELD

000 (R/P) (R)*
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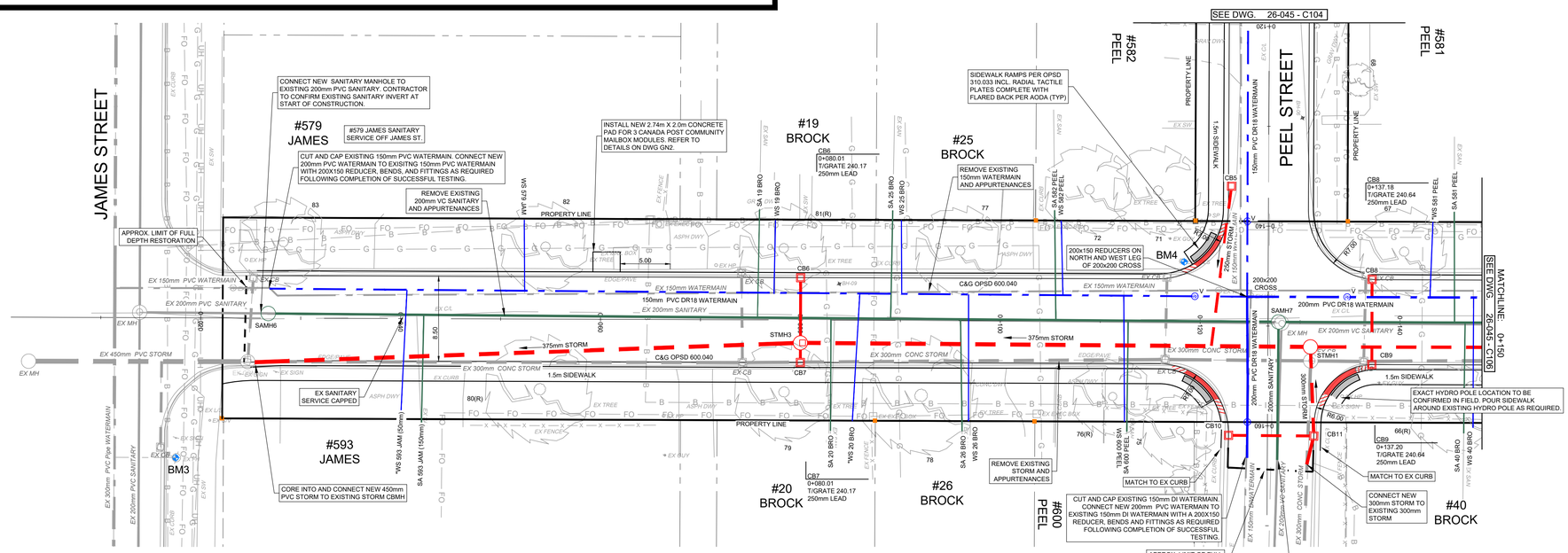

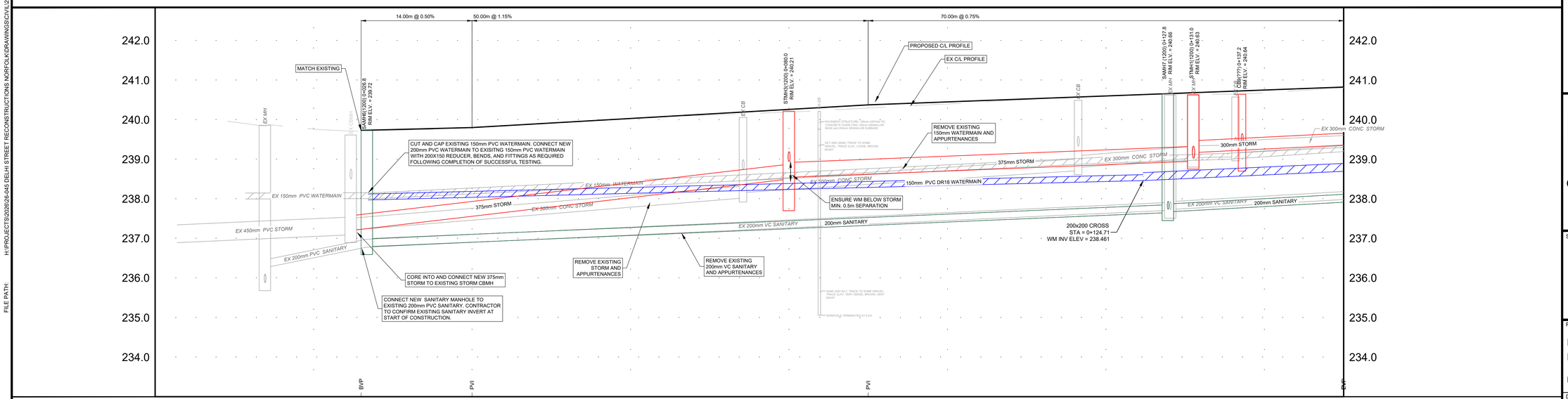

CHAINAGE	0+000	0+020	0+026.0	0+040.0	0+060	0+080	0+090.0	0+100	0+120	0+140	0+150.0	CHAINAGE
FINAL CENTRE LINE ROAD ELEVATIONS			239.73	239.80	240.26	240.03	240.45	240.60	240.75	240.68	FINAL CENTRE LINE ROAD ELEVATIONS
STORM SEWER	54.6m OF 375mm ULTRA RIB STORM WITH CLASS B BEDDING @ 2.35%				238.56N 238.54E 238.84N 238.84S	51.0m OF 375mm ULTRA RIB STORM WITH CLASS B BEDDING @ 0.80%		???m OF ???mm ??? STORM WITH CLASS B BEDDING @ ???	238.65N 238.37E 239.54S	239.40N	88.5m OF 300mm ULTRA RIB STORM WITH CLASS B BEDDING @ 1.00%	STORM SEWER
SANITARY SEWER			236.79E	101.1m OF 200mm PVC SDR 35 SANITARY WITH CLASS B BEDDING @ 0.85%					237.56N 237.74S 237.67E	88.7m OF 200mm PVC SDR 35 SANITARY WITH CLASS B BEDDING @ 1.10%		SANITARY SEWER

NOTE:

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SURVEY INFORMATION:

LEGAL SURVEY COMPLETED BY JENVITT & DIXON LTD. DATED 2026.05.13. PART OF PEEL STREET AND GAGE STREET AND ALL OF WAVERLY STREET AND BROCK AVENUE PLAN 261 TOWN OF DELHI, NORFOLK COUNTY

TOPOGRAPHIC SURVEY COMPLETED BY G. D. VALLEE DATED 2026.04.15 BASED ON THE FOLLOWING:

VERTICAL DATUM: CANADIAN GEODETIC DATUM (CGVD28)

COORDINATE SYSTEM: NAD83 (CSRS) / UTM ZONE 17N

SITE BENCHMARKS:

BM1: ELEV: 239.70m
CORNER OF CONCRETE RETAINING WALL ON NORTH SIDE OF WAVERLY STREET AT STA. 0+090

BM2: ELEV: 241.81m
DOORSILL ON NORTH SIDE OF WAVERLY ACROSS FROM WAVERLY AND GAGE INTERSECTION

BM3: ELEV: 240.74m
LARGE PUMPER ARM ON FIRE HYDRANT #71 ON EAST SIDE OF JAMES STREET AT #593 JAMES STREET

BM4: ELEV: 241.03m
SPIKE IN HYDRO POLE AT NORTHWEST CORNER OF PEEL AND BROCK INTERSECTION. APPROX 0.4M ABOVE GROUND

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

SCALE:
HORIZONTAL : 1 : 250 (5, 10, 15)
VERTICAL : 1 : 50 (1, 2, 3)

DO NOT SCALE DRAWINGS, CALL FOR ANY CLARIFICATIONS THAT ARE REQUIRED, FIELD VERIFY AT ALL BUILT CONDITIONS

ALL DRAWINGS ARE TO BE READ IN COLOUR ORIGINAL PAGE SIZE ARCH 'D' - 24" x 36"

vallee
Consulting Engineers, Architects & Planners
G. DOUGLAS VALLEE LIMITED
2 TALBOT STREET NORTH
SIMCOE, ONTARIO N3Y 3W4
(519) 426-6270

Stamp

Project Title
PW-EAM-26-37
DELHI STREETS RECONSTRUCTION
DELHI - NORFOLK COUNTY

Drawing Title
PLAN AND PROFILE 5
BROCK AVENUE STA. 0+000 - 0+150

Designed by : NLO	Drawn By : NLO
Checked by : TGS	Date Started : 2026.05.11
Drawing Scale : NTS	Drawing No. C105
Project No. 26-045	

FILE PATH: H:\PROJECTS\2026\26-045 DELHI STREET RECONSTRUCTIONS NORFOLK\DRAWING\SCD\VIL\26-045 P&P5.DWG
DATE LAST PLOTTED: 2026.09.02

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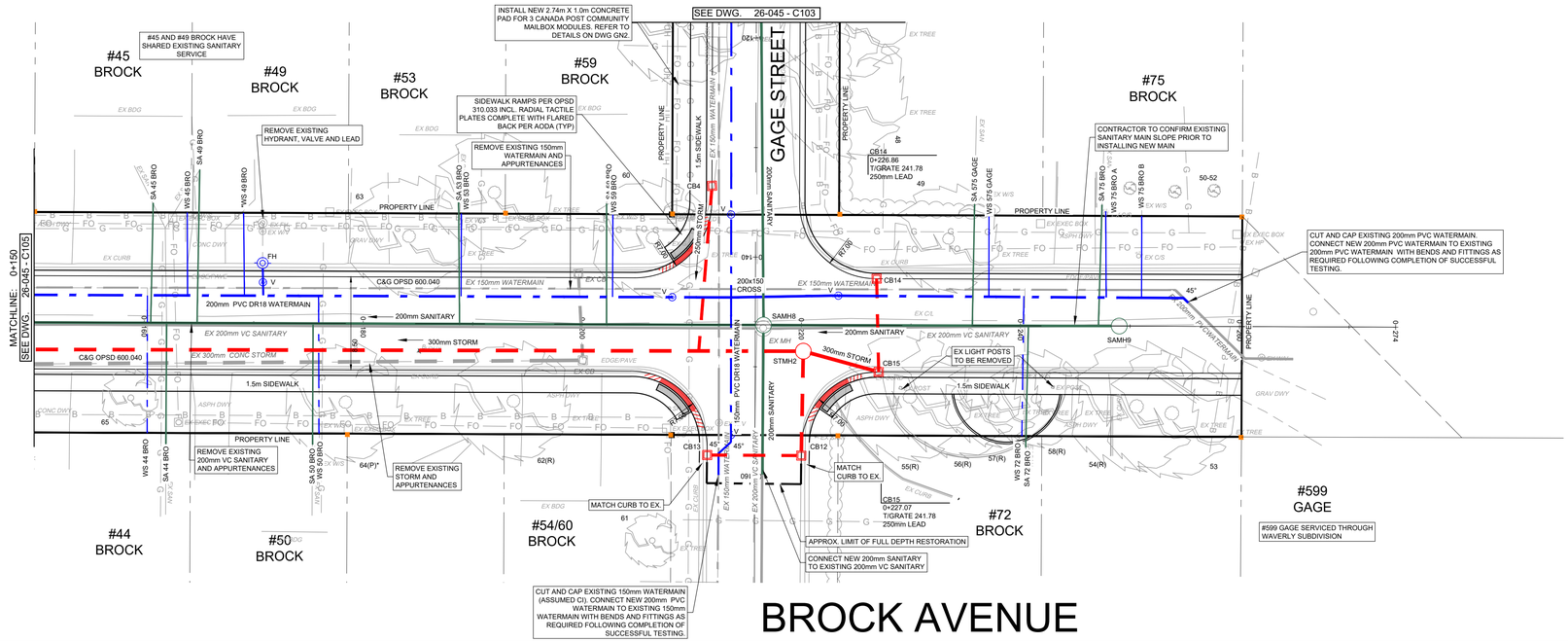

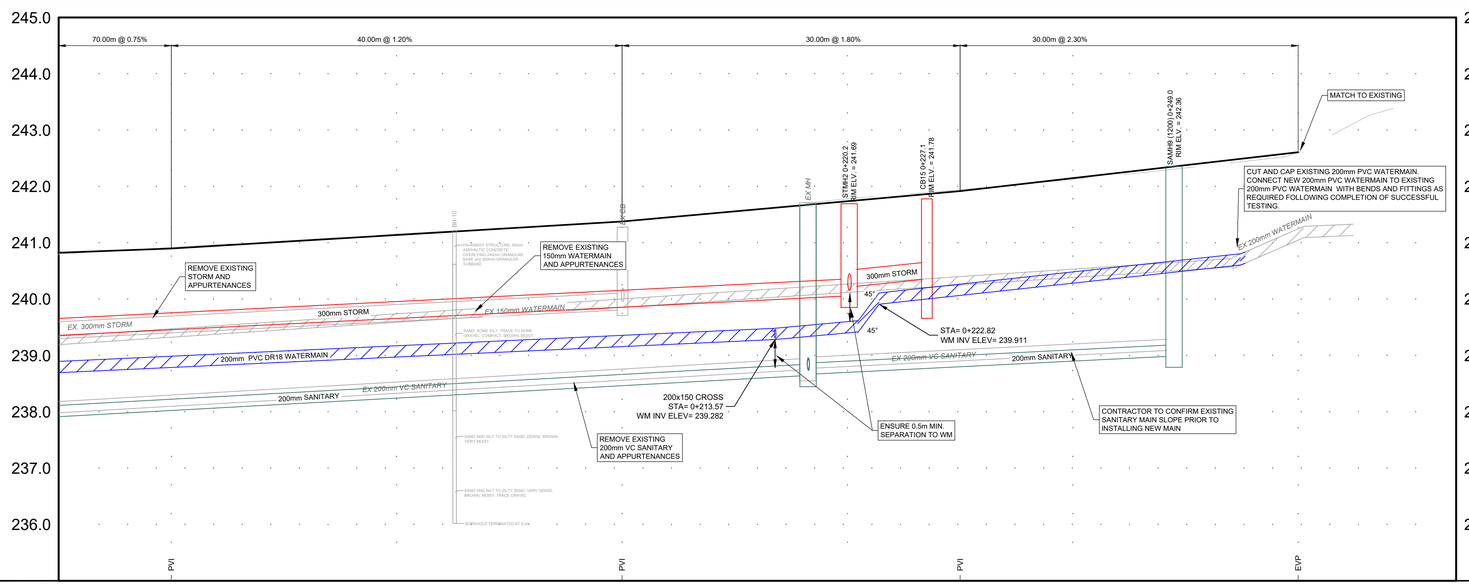

CHAINAGE	0+150	0+160.0	0+180	0+200.0	0+220	0+230.0	0+240	0+260.0	0+274
FINAL CENTRE LINE ROAD ELEVATIONS	240.82	240.90	241.14	241.38	241.74	241.92	242.15	242.61	

STORM SEWER: 88.5m OF 300mm ULTRA RIB STORM WITH CLASS B BEDDING @ 1.00%; 240.15S 240.05W; 240.36W; 6.5m OF 300mm ULTRA RIB STORM WITH CLASS B BEDDING @ 2.00%

SANITARY SEWER: 88.7m OF 200mm PVC SDR 35 SANITARY WITH CLASS B BEDDING @ 1.10%; 238.67E 238.30W 238.30W 238.75S; 32.5m OF 200mm PVC SDR 35 SANITARY WITH CLASS B BEDDING @ 1.00%; 238.99W

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Stamp

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PW-EAM-26-37
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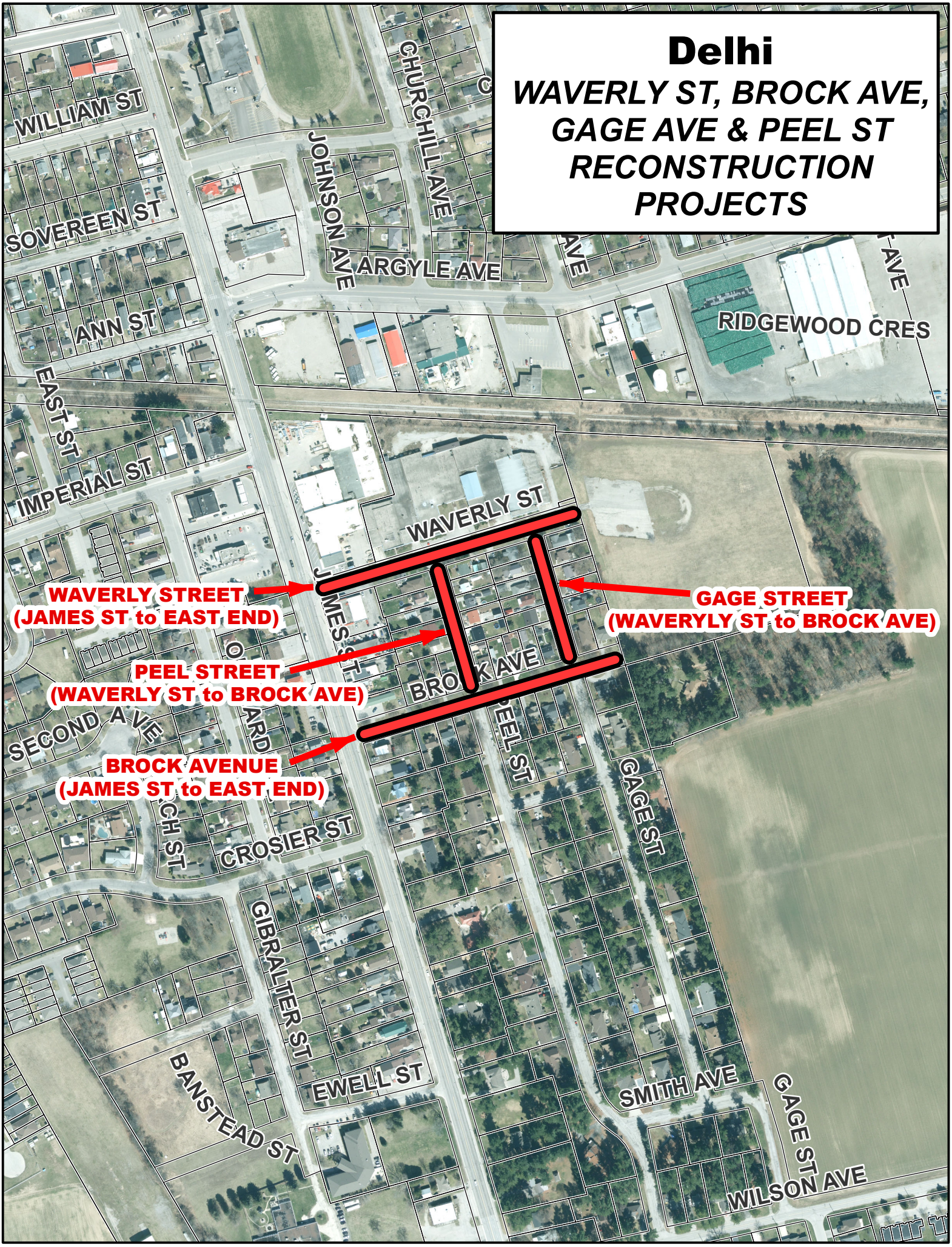
DELHI - NORFOLK COUNTY

Drawing Title
PLAN AND PROFILE 6
BROCK AVENUE STA. 0+150 - END

Designed by : NLO	Drawn By : NLO
Checked by : TGS	Date Started : 2026.05.11
Drawing Scale : NTS	Drawing No. C106
Project No. 26-045	

FILE PATH: H:\PROJECTS\2026\26-045 DELHI STREET RECONSTRUCTIONS NORFOLK\DRAWING\CSC\VIL\26-045 P&P6.DWG
DATE LAST PLOTTED: 2026.09.02

Delhi

WAVERLY ST, BROCK AVE, GAGE AVE & PEEL ST RECONSTRUCTION PROJECTS