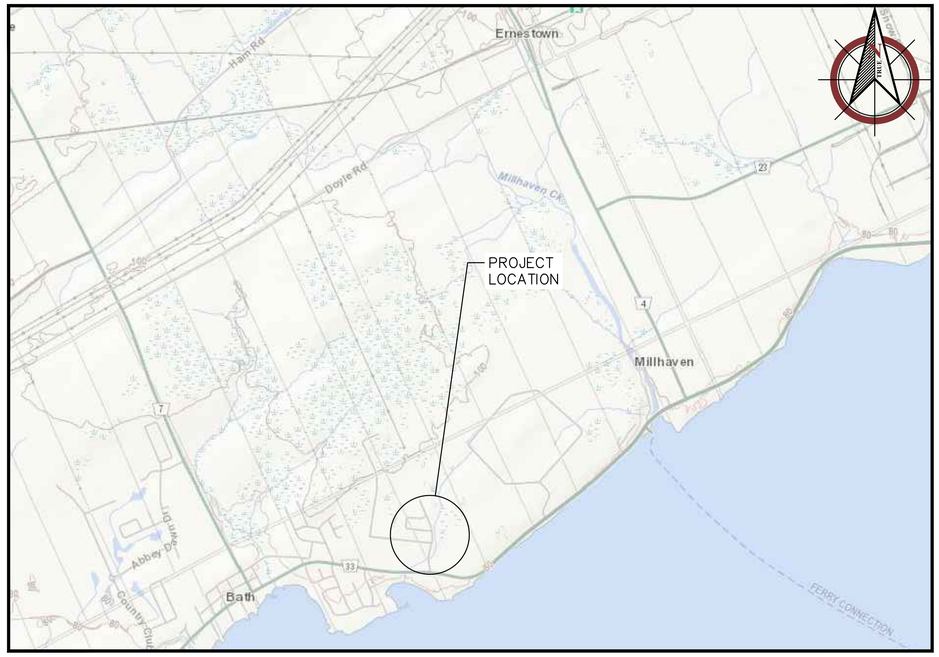
Township of Loyalist

Sir John Johnson Dr Design



LIST OF DRAWINGS

R1	REMOVALS - SIR JOHN JOHNSON DR STA. 0+000 TO 0+280
R2	REMOVALS - SIR JOHN JOHNSON DR STA. 0+280 TO 0+520
R3	REMOVALS - PRUYN CRESCENT STA.0+000 TO 0+260
R4	REMOVALS - PRUYN CRESCENT STA.0+260 TO 0+400
C1	NEW CONSTRUCTION - SIR JOHN JOHNSON DR STA. 0+000 TO 0+140
C2	NEW CONSTRUCTION - SIR JOHN JOHNSON DR STA. 0+140 TO 0+280
C3	NEW CONSTRUCTION - SIR JOHN JOHNSON DR STA. 0+280 TO 0+420
C4	NEW CONSTRUCTION - SIR JOHN JOHNSON DR STA. 0+420 TO 0+520
C5	NEW CONSTRUCTION - PRUYN CRESCENT STA. 0+000 TO 0+130
C6	NEW CONSTRUCTION - PRUYN CRESCENT STA. 0+130 TO 0+280
C7	NEW CONSTRUCTION - PRUYN CRESCENT STA. 0+280 TO 0+400
VT	VEHICLE TRACKING - 50 SIR JOHN JOHNSON DRIVE
D1	DETAILS & NOTES
D2	TYPICAL SECTIONS

GREER GALLOWAY
CONSULTING ENGINEERS

Township of Loyalist Contract No.

Greer Galloway Contract No. 24-5-5429

CAD OPERATOR-Allen.hicks
CAD FILE: P:\Kingston Project\5000 - Municipal\2455429- Sir John Johnson Design\Drawings\2455429 - SJJ Rd - Current Drawing.dwg
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
GGG-A1

BENCHMARK
NAIL IN HYDRO POLE
N: 4893812.64
E: 359314.64
ELV: 84.134

BATH ROAD (HWY 33)

REMOVE EXISTING CONCRETE SIDEWALK AS REQUIRED TO INSTALL MULTI-USE PATH AS PER OPSS 510 (NOV 2018)

REMOVE & REPLACE EXISTING 18m-600mmø CSP CULVERT AS PER OPSS 510 & 421
E INV: 84.46m
W INV: 84.36m

REMOVE EXISTING GRAVEL ENTRANCE AS PER OPSS 510 (NOV 2018)

WALNUT COURT (FUTURE DEVELOPMENT)

LIMITS OF CONSTRUCTION

0+000 0+020 0+040 0+060 0+080 0+100 0+120 0+140

SIR JOHN JOHNSON DRIVE

MATCH LINE STA. 0+140

REMOVE EXISTING ASPHALT AS PER OPSS 510 (NOV 2018)
EXCAVATE TO DESIGN SUBGRADE ELEVATION AS PER OPSS 206 (APR 2019)

LIMITS OF ROAD CONSTRUCTION

REMOVE EXISTING DITCH INLET AS PER OPSS 510
INVERTS UNKNOWN

CONTRACTOR TO SUPPORT HYDRO POLES AS REQUIRED DURING CONSTRUCTION TYPICAL THROUGHOUT PROJECT

SALVAGE & STORE SIGNS DURING CONSTRUCTION

#50

EXISTING 72.1m-750mmø CONCRETE SANITARY PIPE @ 0.18% TO REMAIN #103

EXISTING FENCE TO REMAIN

EXISTING 1500mm STM MH 6 TO REMAIN
T/G: 88.94m
N: 87.22m
W: 87.20m

EXISTING 87.6m-900mmø CONCRETE STORM PIPE @ 1.02% TO REMAIN

LIMITS OF CONSTRUCTION

REMOVE EXISTING CONCRETE CURB AND GUTTER AS PER OPSS 510 (NOV 2018)

PURDY ROAD

#100

EXISTING 87.1m-800mmø CONCRETE STORM PIPE @ 0.51% TO REMAIN #93

#98

8.36

10.45

REMOVE EXISTING 6.7m-250mmø CONCRETE STORM PIPE @ 5.06% AS PER OPSS 510 (NOV 2018)

REMOVE EXISTING 88.5m-300mmø CONCRETE STORM PIPE @ 1.81% AS PER OPSS 510 (NOV 2018)

REMOVE EXISTING CB 9
AS PER OPSS 510 (NOV 2018)
T/G: 88.98m
S: 87.64m

PRUYN CRESCENT

MATCH LINE STA. 0+140

0+140 0+160 0+180 0+200 0+220 0+240 0+260 0+280 0+300

SIR JOHN JOHNSON DRIVE

11.32 11.20 11.83

3m (MIN)

MATCH LINE STA. 0+280

REMOVE EXISTING 1500mm SAN MH 6
AS PER OPSS 510 (NOV 2018)
T/G: 88.75m
E: 85.65m
W: 85.70m
N: 85.84m

EXISTING MAILBOXES TO REMAIN

REMOVE EXISTING FH WITH 150mmø LEAD AND VALVE AS PER OPSS 510 (NOV 2018)

EXISTING 40.1m-750mmø CONCRETE SANITARY PIPE @ 1.00% TO REMAIN

EXISTING 8.8m-250mmø CONCRETE STORM PIPE @ 1.36% TO REMAIN

EXISTING 600x600 CB 8 TO REMAIN
T/G: 89.13m
SUMP: 87.71m
W: 87.82m

REMOVE EXISTING ASPHALT AS PER OPSS 510 (NOV 2018)
EXCAVATE TO DESIGN SUBGRADE ELEVATION AS PER OPSS 206 (APR 2019)

REMOVE EXISTING ASPHALT DRIVEWAY AS REQUIRED TO INSTALL SIDEWALK AS PER OPSS 510 (NOV 2018)

#106 #108 #110 #112 #114 #116

(METRIC SCALE - ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)

THE GREER GALLOWAY GROUP INC.
CONSULTING ENGINEERS
PETERBOROUGH
BELLEVILLE
KINGSTON
640 CATARAQUI WOODS DRIVE #2A
KINGSTON, ONTARIO, K7P 2Y5
PHONE: 613-536-5420
FAX: 613-548-3793

NOTES:
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A/B A DETAIL NO. B DRAWING NO. - WHERE DETAILED

LEGEND
- REMOVALS
- ASPHALT ROADWAY
- PROPERTY LINES
- CENTERLINE
- OVERHEAD LINES / UNDERGROUND
- GAS MAIN
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
- BEDROCK
- CONCRETE
- ASPHALT
- GRAVEL
- TACTILE PLATES
- HYDRO POLE
- HYDRANT
- WATER VALVE
- SIGN
- TREES

NORTH

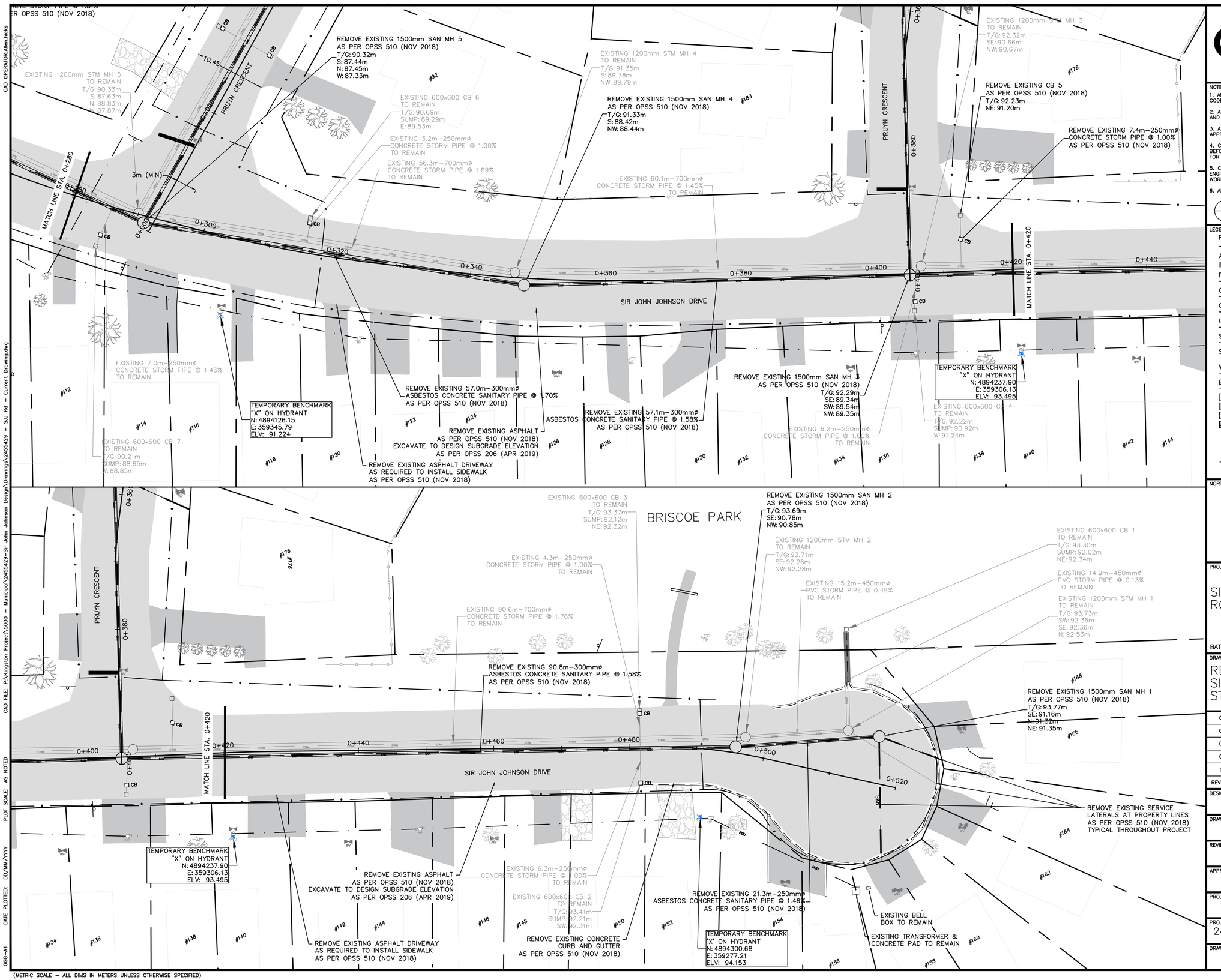
STAMP
APR. 21/21

PROJECT
SIR JOHN JOHNSON ROAD RECONSTRUCTION
BATH, ON

DRAWING TITLE
REMOVALS
SIR JOHN JOHNSON DR
STA. 0+000 TO 0+280

REVISION		DATE
05		
04		
03		
02	ISSUED FOR 60% REVIEW	29/11/24
01	ISSUED FOR 30% REVIEW	06/08/24

DESIGNED BY: S. HIGH
DRAWN BY: S. HIGH
REVIEWED BY: K. HAWLEY
APPROVED BY: K. HAWLEY
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)
PROJECT #: 24-5-5429
SCALE: HOR: 1:250 VER: NTS
DRAWING #: R1



THE GREER GALLOWAY GROUP INC.
CONSULTING ENGINEERS
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LEGEND
- REMOVALS
- ASPHALT ROADWAY
- PROPERTY LINES
- CENTERLINE
- OVERHEAD LINES / UNDERGROUND
- GAS MAIN
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
- BEDROCK
- CONCRETE
- ASPHALT
- GRAVEL
- TACTILE PLATES
- HYDRO POLE
- HYDRANT
- WATER VALVE
- SIGN
- TREES

NORTH

STAMP
APR. 21/21

PROJECT
SIR JOHN JOHNSON
ROAD RECONSTRUCTION
BATH, ON

DRAWING TITLE
REMOVALS
SIR JOHN JOHNSON DR
STA. 0+280 TO 0+520

REVISION		DATE
05		
04		
03		
02	ISSUED FOR 60% REVIEW	29/11/24
01	ISSUED FOR 30% REVIEW	06/08/24

DESIGNED BY: S. HIGH
DRAWN BY: S. HIGH
REVIEWED BY: K. HAWLEY
APPROVED BY: K. HAWLEY
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)
PROJECT # 24-5-5429
SCALE HOR: 1:250 VER: NTS
DRAWING # R2

C4D OPERATOR:Allen.hicks
C4D FILE: P:\Kingston Project\5000 - Municipal\2455429-Sir John Johnson Design\Drawings\2455429 - SJJ Rd - Current Drawing.dwg
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
GGG-A1

(METRIC SCALE – ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)

C:\Users\allan.hicks\Documents\ACCDocs\Greer Galloway Group\Municipal\2455429 - Sir John Johnson Design\Drawings\2455429 - SJJ Rd - Current Drawing.dwg
C4D OPERATOR: Allan.hicks
C4D FILE: P:\Kingston Project\5000 - Municipal\2455429- Sir John Johnson Design\
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
GGG-A1

SIR JOHN JOHNSON DRIVE

EXISTING 600x600 CB 10
TO REMAIN
T/G: 90.19m
SUMP: 88.66m
N: 88.93m

EXISTING 3.0m–250mmø
CONCRETE STORM PIPE @ 1.00%
TO REMAIN

EXISTING 1200mm STM MH 8
TO REMAIN
T/G: 90.59m
E: 88.31m
W: 88.33m

EXISTING 600x600 CB 12
TO REMAIN
T/G: 90.48m
SUMP: 88.88m
N: 89.15m

EXISTING 3.2m–250mmø
CONCRETE STORM PIPE @ 1.00%
TO REMAIN

EXISTING 5.4m–250mmø
CONCRETE STORM PIPE @ 1.00%
TO REMAIN

EXISTING 94.9m–300mmø
CONCRETE STORM PIPE @ 0.46%
TO REMAIN

EXISTING 91.9m–500mmø
CONCRETE STORM PIPE @ 0.28%
TO REMAIN

0+000 0+020 0+040 0+060 0+080 0+100 0+120 0+140 0+160
0+180 0+200 0+220 0+240 0+260 0+280 0+300 0+320

3m (MIN)
10.45

PRUYN CRESCENT

MATCH LINE STA. 0+160

EXISTING 600x600 CB 11
TO REMAIN
T/G: 90.22m
SUMP: 88.62m
S: 88.92m

REMOVE EXISTING 94.7m–250mmø
ASBESTOS CONCRETE SANITARY PIPE @ 0.51%
AS PER OPSS 510 (NOV 2018)

EXISTING 5.6m–250mmø
CONCRETE STORM PIPE @ 1.00%
TO REMAIN

REMOVE EXISTING 91.6m–250mmø
ASBESTOS CONCRETE SANITARY PIPE @ 0.46%
AS PER OPSS 510 (NOV 2018)

REMOVE EXISTING 1200mm SAN MH 8
AS PER OPSS 510 (NOV 2018)
T/G: 90.62m
E: 87.81m
W: 87.84m

EXISTING 600x600 CB 13
TO REMAIN
T/G: 90.58m
SUMP: 89.03m
S: 89.23m

EXISTING 1200mm STM MH 9
TO REMAIN
T/G: 90.77m
E: 88.59m
SW: 88.87m
N: 88.77m

EXISTING 84.9m–375mmø
CONCRETE STORM PIPE @ 1.55%
TO REMAIN

REMOVE EXISTING CB 17
AS PER OPSS 510 (NOV 2018)
T/G: 91.86m
E: 90.36m

EXISTING 2.9m–250mmø
CONCRETE STORM PIPE @ 6.65%
TO REMAIN

REMOVE EXISTING CB 14
AS PER OPSS 510 (NOV 2018)
T/G: 90.62m
NE: 89.06m

REMOVE EXISTING 1200mm SAN MH 9
AS PER OPSS 510 (NOV 2018)
T/G: 90.86m
E: 88.26m
N: 88.30m

REMOVE EXISTING 81.0m–250mmø
ASBESTOS CONCRETE SANITARY PIPE @ 2.20%
AS PER OPSS 510 (NOV 2018)

REMOVE EXISTING 1200mm SAN MH 10
AS PER OPSS 510 (NOV 2018)
T/G: 92.07m
S: 90.08m
NE: 90.13m

EXISTING 3.3m–250mmø
CONCRETE STORM PIPE @ 6.10%
TO REMAIN

EXISTING 1200mm STM MH 10
TO REMAIN
T/G: 91.95m
S: 90.09m
W: 90.16m
E: 90.15m

REMOVE EXISTING SERVICE
LATERALS AT PROPERTY LINES
AS PER OPSS 510 (NOV 2018)
TYPICAL THROUGHOUT PROJECT

EXISTING 5.8m–250mmø
CONCRETE STORM PIPE @ 1.00%
TO REMAIN

EXISTING 600x600 CB 15
TO REMAIN
T/G: 90.92m
SUMP: 89.46m
W: 89.68m

EXISTING 5.6m–250mmø
CONCRETE STORM PIPE @ 1.00%
TO REMAIN

EXISTING 600x600 CB 16
TO REMAIN
T/G: 91.80m
SUMP: 90.08m
W: 90.33m

EXISTING 77.5m–375mmø
CONCRETE STORM PIPE @ 0.23%
TO REMAIN

MATCH LINE STA. 0+160
MATCH LINE STA. 0+280

NORTH

(METRIC SCALE – ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)

THE GREER GALLOWAY GROUP INC.
CONSULTING ENGINEERS
PETERBOROUGH
BELLEVILLE
KINGSTON
640 CATARAQUI WOODS DRIVE #2A
KINGSTON, ONTARIO, K7P 2Y5
PHONE: 613–536–5420
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NOTES:
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A/B A DETAIL NO. B DRAWING NO. – WHERE DETAILED

LEGEND
- REMOVALS
- ASPHALT ROADWAY
- PROPERTY LINES
- CENTERLINE
- OVERHEAD LINES / UNDERGROUND
- GAS MAIN
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
- BEDROCK
- CONCRETE
- ASPHALT
- GRAVEL
- TACTILE PLATES
- HYDRO POLE
- HYDRANT
- WATER VALVE
- SIGN
- TREES

STAMP

APR. 21/21

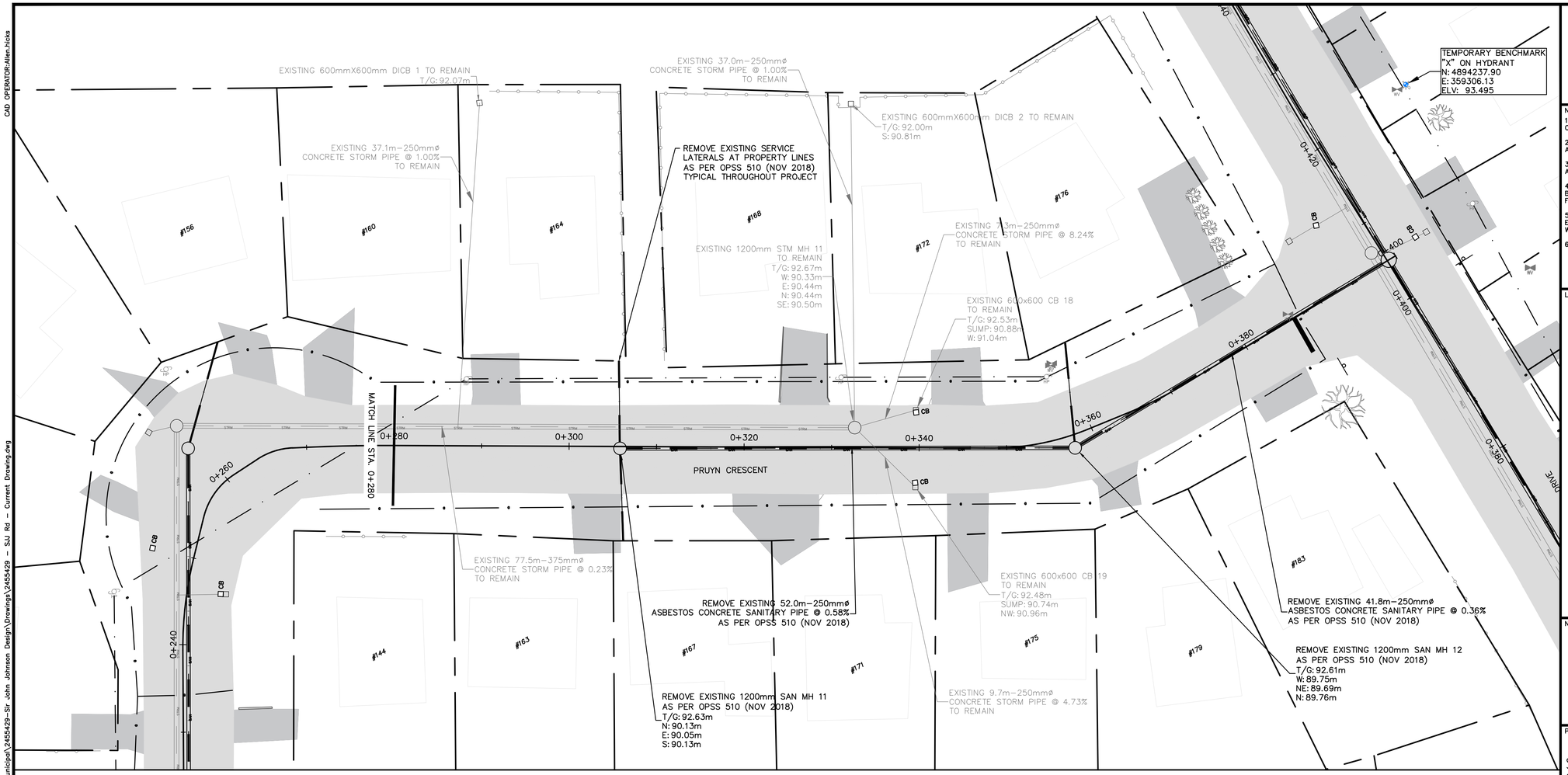
PROJECT
SIR JOHN JOHNSON
ROAD RECONSTRUCTION

BATH, ON

DRAWING TITLE
REMOVALS
PRUYN CRESCENT
STA. 0+000 TO 0+280

REVISION		DATE
05		
04		
03		
02	ISSUED FOR 60% REVIEW	29/11/24
01	ISSUED FOR 30% REVIEW	06/08/24

DESIGNED BY: S. HIGH
DRAWN BY: S. HIGH
REVIEWED BY: K. HAWLEY
APPROVED BY: K. HAWLEY
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)
PROJECT #: 24–5–5429
SCALE: HOR: 1:250 VER: NTS
DRAWING #: R3



THE GREER GALLOWAY GROUP INC.
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LEGEND
- REMOVALS
- ASPHALT ROADWAY
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- GAS MAIN
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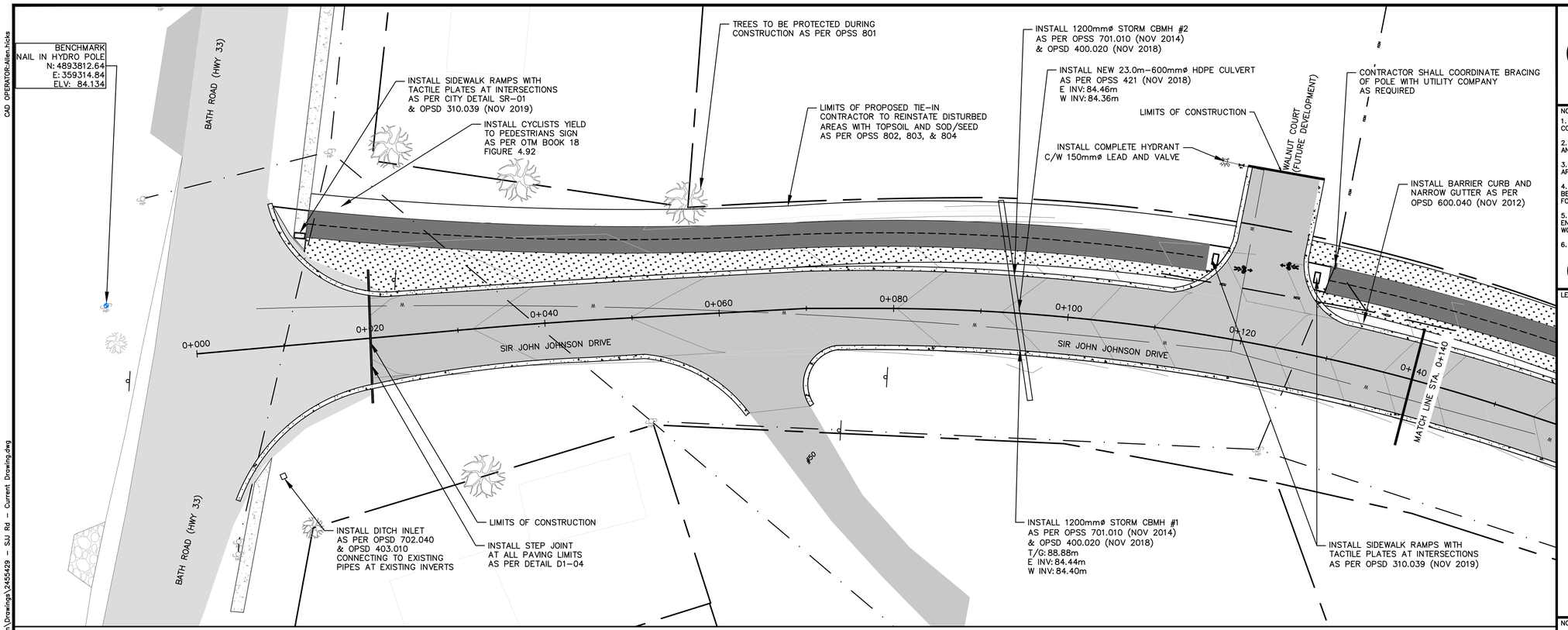
PROJECT
SIR JOHN JOHNSON
ROAD RECONSTRUCTION
BATH, ON

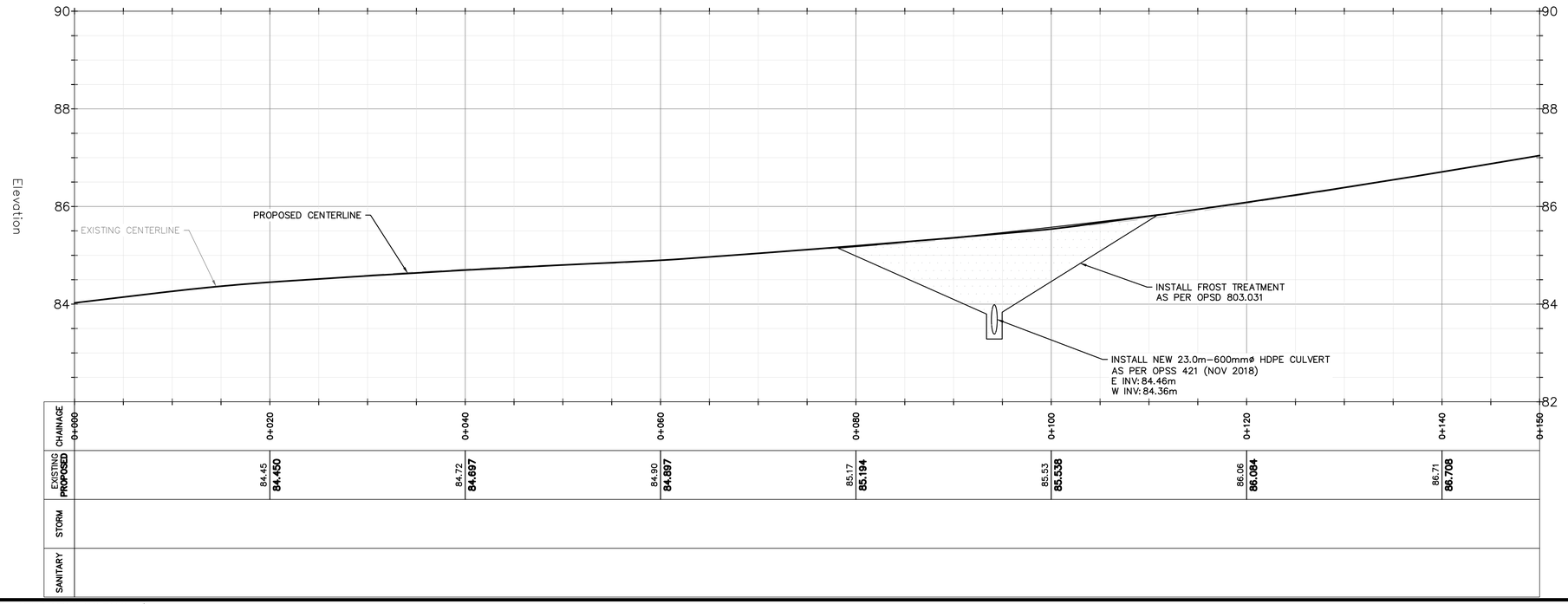
DRAWING TITLE
REMOVALS
PRUYN CRESCENT
STA. 0+280 TO 0+400

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DESIGNED BY: S. HIGH
DRAWN BY: S. HIGH
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APPROVED BY: K. HAWLEY
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)
PROJECT #: 24–5–5429
SCALE: HOR: 1:250 VER: NTS
DRAWING #: R4

C4D OPERATOR:Allen.hicks
CAD FILE: P:\Kingston Project\5000 – Municipal\2455429– Sir John Johnson Design\Drawings\2455429 – SJJ Rd – Current Drawing.dwg
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
GSG–A1
(METRIC SCALE – ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)





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A / B — A DETAIL NO. / B DRAWING NO. – WHERE DETAILED

LEGEND
- ASPHALT ROADWAY
- SIDEWALK
- PROPERTY LINES
- CENTERLINE
- OVERHEAD LINES / UNDERGROUND
- GAS MAIN
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
- BEDROCK
- CONCRETE
- ASPHALT
- GRAVEL
- TACTILE PLATES
- HYDRO POLE
- HYDRANT
- WATER VALVE
- SIGN
- TREES

NORTH

STAMP
APR. 21/21

PROJECT
SIR JOHN JOHNSON ROAD RECONSTRUCTION
BATH, ON

DRAWING TITLE
NEW CONSTRUCTION SIR JOHN JOHNSON DR STA. 0+000 TO 0+140

REVISION		DATE
05		
04		
03		
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01	ISSUED FOR 30% REVIEW	06/08/24

DESIGNED BY: S. HIGH
DRAWN BY: S. HIGH
REVIEWED BY: K. HAWLEY
APPROVED BY: K. HAWLEY
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)
PROJECT #: 24-5-5429
SCALE: HOR: 1:250 VER: 1:50
DRAWING #: C1

CAD OPERATOR: Allan.hicks
CAD FILE: P:\Kingston Project\5000 - Municipal\24554\29 - Sir John Johnson Design\Drawings\24554\29 - SJJ Rd - Current Drawing.dwg
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
GGG-A1
(METRIC SCALE - ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)

C:\Users\shigh\Documents\2455429_Sir John Johnson Design\Drawings\2455429 - SJJ Rd - Current Drawing.dwg
CAD OPERATOR: Allen.Hicks
CAD FILE: P:\Kingston Project\5000 - Municipal\2455429-Sir John Johnson Design\Drawings\
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
GGC-A1

EXISTING 72.1m–750mmø CONCRETE SANITARY PIPE @ 0.18% TO REMAIN #103

EXISTING 1500mm STM MH 6 TO REMAIN
EXISTING FENCE TO REMAIN
T/G: 88.94m
N: 87.22m
W: 87.20m

EXISTING 87.6m–900mmø CONCRETE STORM PIPE @ 1.02% TO REMAIN

LIMITS OF CONSTRUCTION

INSTALL STEP JOINT AT ALL PAVING LIMITS AS PER DETAIL D1–04

INSTALL SIGNAGE AND LINE PAINT AT ALL INTERSECTIONS AS PER DETAIL D1–02

NEW DEPRESSED CURB & GUTTER AS PER OPSS 351 (NOV 2021) & OPSD 600.060 (NOV 2012)

INSTALL SIDEWALK RAMPS WITH TACTILE PLATES AT INTERSECTIONS AS PER OPSD 310.033 (NOV 2019) & OPSD 310.039 (NOV 2019)

TYPICAL NEW OR REPLACED SERVICE LATERALS SHOWN. MINIMUM 150mm SANITARY, 150mm STORM AND 25mm WATER LATERALS TO EXTEND UP TO 1.0m BEYOND PROPERTY LINE. RESTORATION OF CONCRETE WALK, AND ASPHALT REQUIRED.

EXISTING 80.1m–800mmø CONCRETE STORM PIPE @ 0.51% TO REMAIN #83

TREES TO BE PROTECTED DURING CONSTRUCTION AS PER OPSS 801

LIMITS OF PROPOSED TIE–IN CONTRACTOR TO REINSTATE DISTURBED AREAS WITH TOPSOIL AND SOD/SEED AS PER OPSS 802, 803, & 804

3 m (TYP) MULTI–USE PATHWAY AS PER DETAIL D1–01

PURDY ROAD

PRUYN CRESCENT

SIR JOHN JOHNSON DRIVE

MATCH LINE STA. 0+140

MATCH LINE STA. 0+280

0+140 0+160 0+180 0+200 0+220 0+240 0+260 0+280 0+300

8.36 6.00 8.50 8.50

EXISTING MAILBOXES TO REMAIN

INSTALL BARRIER CURB AND NARROW GUTTER AS PER OPSD 600.040 (NOV 2012)

INSTALL 600x600 CB C/W 200mmø LEAD @ 1.0% MIN AS PER OPSD 705.010 (NOV 2019) & OPSD 400.020 (NOV 2018)

INSTALL COMPLETE HYDRANT C/W 150mmø LEAD AND VALVE

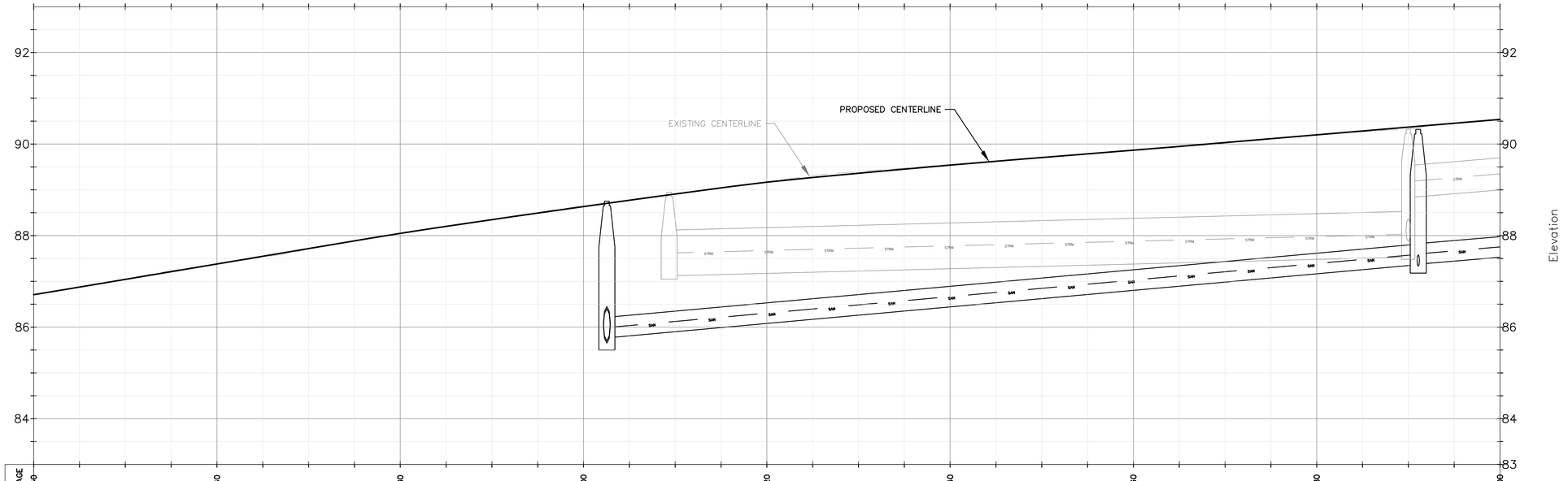
EXISTING 40.1m–750mmø CONCRETE SANITARY PIPE @ 1.00% TO REMAIN

EXISTING 8.8m–250mmø CONCRETE STORM PIPE @ 1.36% TO REMAIN

ASPHALT ENTRANCES TO BE REINSTATED
50 mm HL35 SURFACE COURSE
150 mm GRANULAR 'A' BASE
AS PER OPSS 310 & 314

CONNECT SANITARY AND WATER SERVICE LATERALS AT PROPERTY LINES TYPICAL THROUGHOUT PROJECT

#106 #108 #110 #112 #114 #116



CHAINAGE	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300
EXISTING		87.38	88.05	88.65	89.17	89.55	89.86	90.20	
PROPOSED		87.380	88.049	88.634	89.167	89.539	89.885	90.201	
STORM					N 87.22 W 87.20	EXISTING 80.1m–800mmø Reinforced Concrete STM. @ 0.51%		S 87.63 N 87.83 W 87.87	
SANITARY				E 85.65 W 85.70 N 86.84	88.5m–300mmø Reinforced Concrete SAN. @ 1.81%			S 87.44 N 87.45 W 87.33	

(METRIC SCALE – ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)

THE GREER GALLOWAY GROUP INC.
CONSULTING ENGINEERS
PETERBOROUGH
BELLEVILLE
KINGSTON
640 CATARAQUI WOODS DRIVE #2A
KINGSTON, ONTARIO, K7P 2Y5
PHONE: 613–536–5420
FAX: 613–548–3793

NOTES:
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A/B A DETAIL NO. B DRAWING NO. – WHERE DETAILED

LEGEND
- ASPHALT ROADWAY
- SIDEWALK
- PROPERTY LINES
- CENTERLINE
- OVERHEAD LINES / UNDERGROUND
- GAS MAIN
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
- BEDROCK
- CONCRETE
- ASPHALT
- GRAVEL
- TACTILE PLATES
- HYDRO POLE
- HYDRANT
- WATER VALVE
- SIGN
- TREES

NORTH

STAMP
APR. 21/21

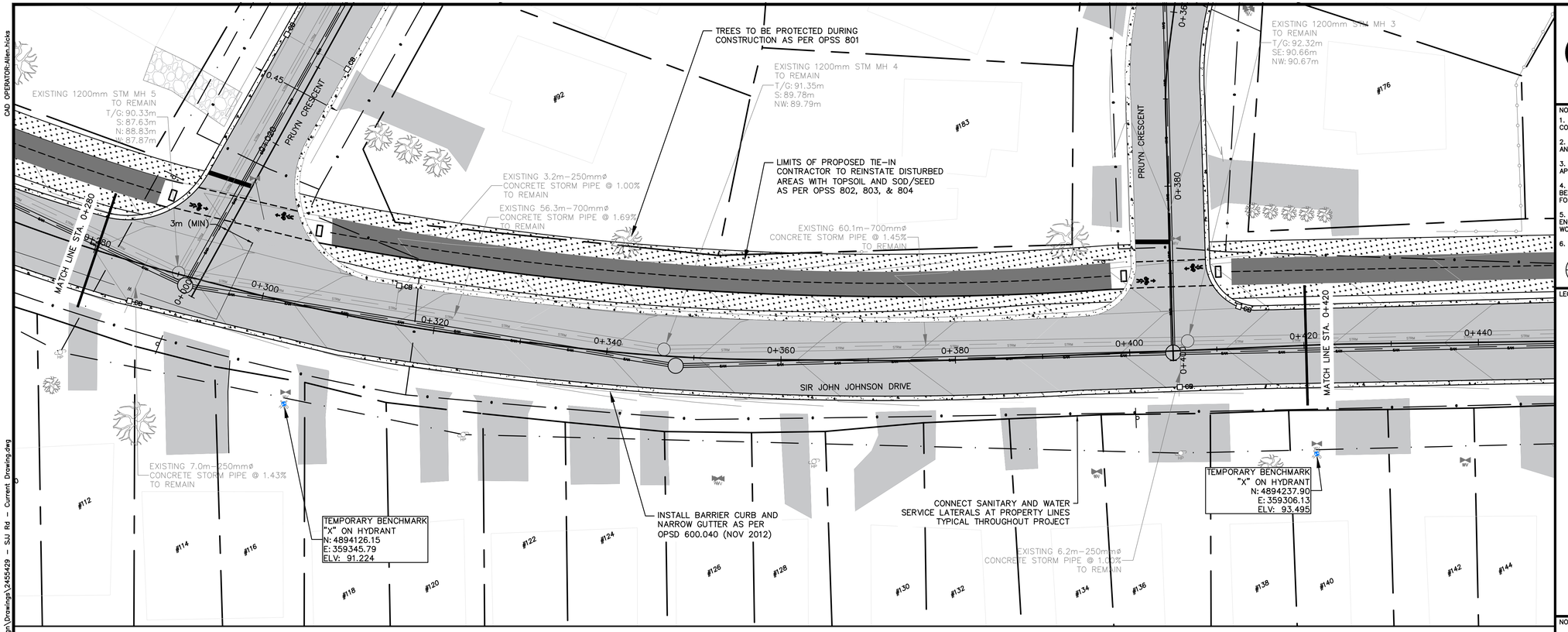
PROJECT
SIR JOHN JOHNSON ROAD RECONSTRUCTION
BATH, ON

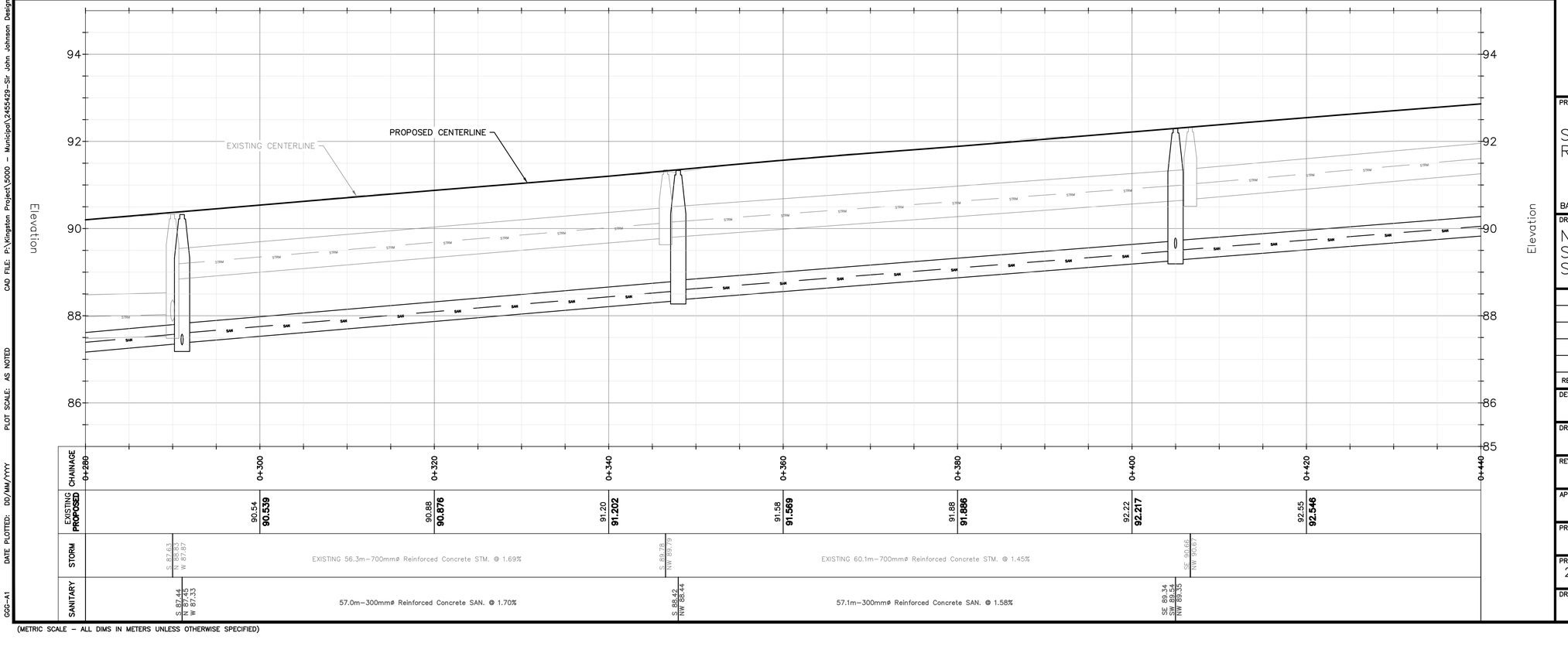
DRAWING TITLE
NEW CONSTRUCTION SIR JOHN JOHNSON DR STA. 0+140 TO 0+280

REVISION		DATE
05		
04		
03		
02	ISSUED FOR 60% REVIEW	29/11/24
01	ISSUED FOR 30% REVIEW	06/08/24

DESIGNED BY: S. HIGH
DRAWN BY: S. HIGH
REVIEWED BY: K. HAWLEY
APPROVED BY: K. HAWLEY
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)
PROJECT #: 24–5–5429
SCALE: HOR: 1:250 VER: 1:50
DRAWING #: C2

C4D OPERATOR:Allen.hicks
CAD FILE: P:\Kingston Project\5000 - Municipal\2455429-Sir John Johnson Design\Drawings\2455429 - SJJ Rd - Current Drawing.dwg
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
GGC-A1





(METRIC SCALE – ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)

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CONSULTING ENGINEERS
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BELLEVILLE
KINGSTON
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- CONCRETE
- ASPHALT
- GRAVEL
- TACTILE PLATES
- HYDRO POLE
- HYDRANT
- WATER VALVE
- SIGN
- TREES

NORTH

STAMP
APR. 21/21

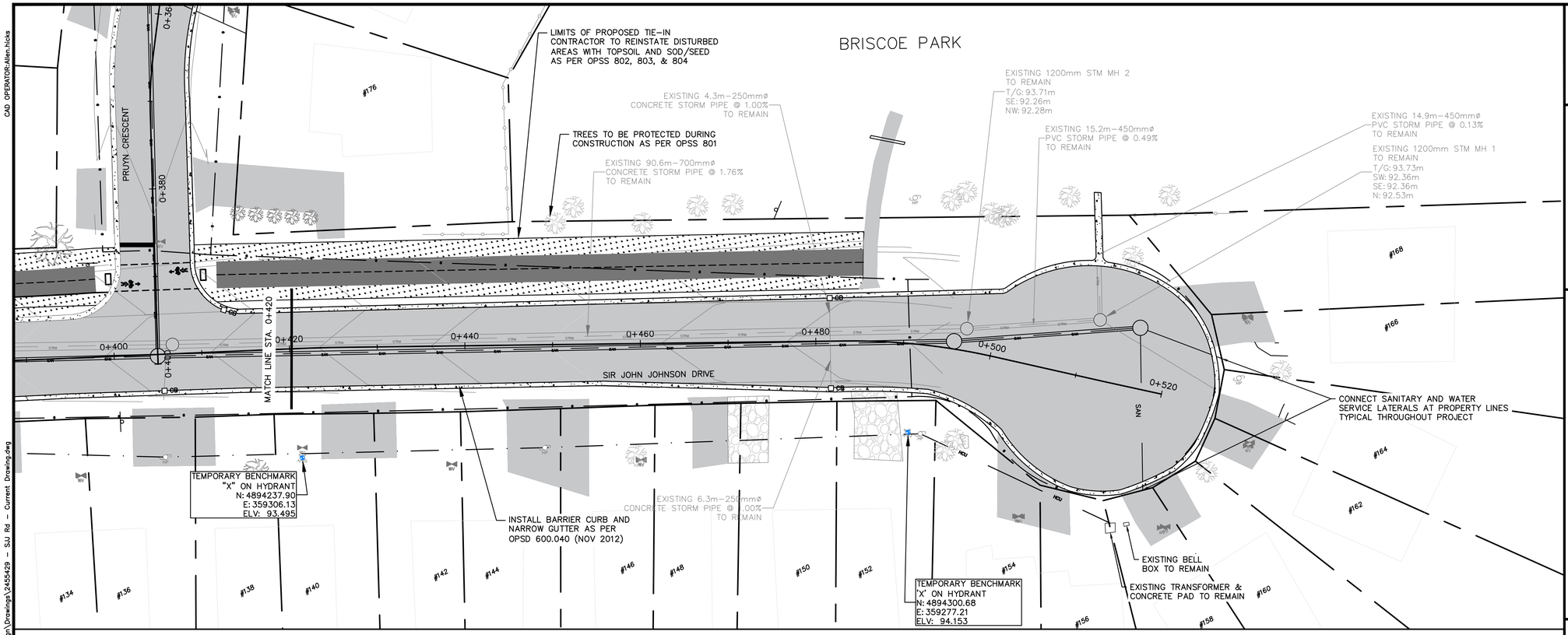
PROJECT
SIR JOHN JOHNSON
ROAD RECONSTRUCTION
BATH, ON

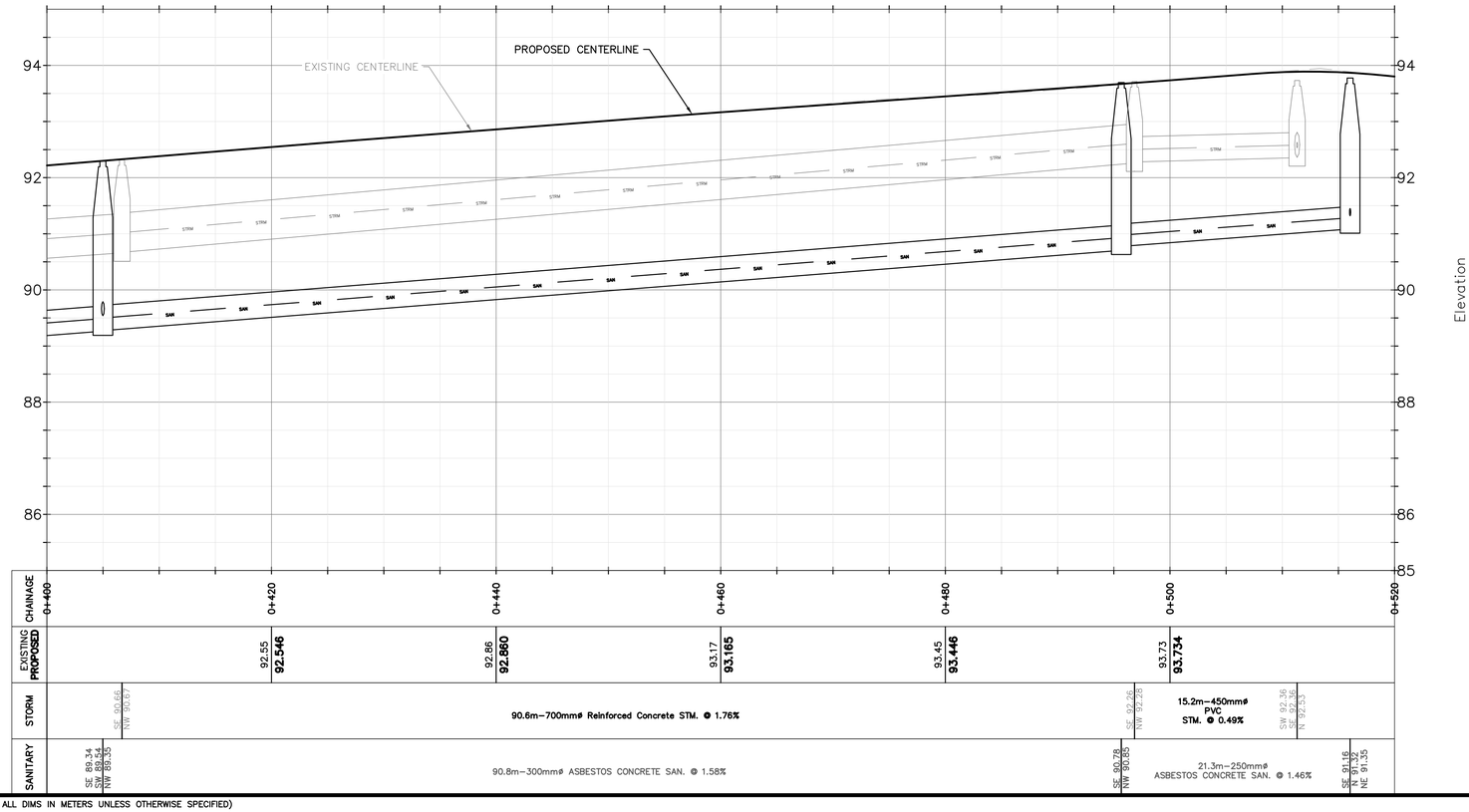
DRAWING TITLE
NEW CONSTRUCTION
SIR JOHN JOHNSON DR
STA. 0+280 TO 0+420

REVISION		DATE
05		
04		
03		
02	ISSUED FOR 60% REVIEW	29/11/24
01	ISSUED FOR 30% REVIEW	06/08/24

DESIGNED BY: S. HIGH
DRAWN BY: S. HIGH
REVIEWED BY: K. HAWLEY
APPROVED BY: K. HAWLEY
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)
PROJECT #: 24-5-5429
SCALE: HOR: 1:250 VER: 1:50
DRAWING #: C3

C4D OPERATOR:Allen.hicks
CAD FILE: P:\Kingston Project\5000 - Municipal\2455429-Sir John Johnson Design\Drawings\2455429 - SJJ Rd - Current Drawing.dwg
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
GGC-A1





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THE GREER GALLOWAY GROUP INC.
CONSULTING ENGINEERS
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640 CATARAQUI WOODS DRIVE #2A
KINGSTON, ONTARIO, K7P 2Y5
PHONE: 613-536-5420
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LEGEND
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- SIDEWALK
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- OVERHEAD LINES / UNDERGROUND
- GAS MAIN
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
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- CONCRETE
- ASPHALT
- GRAVEL
- TACTILE PLATES
- HYDRO POLE
- HYDRANT
- WATER VALVE
- SIGN
- TREES

NORTH

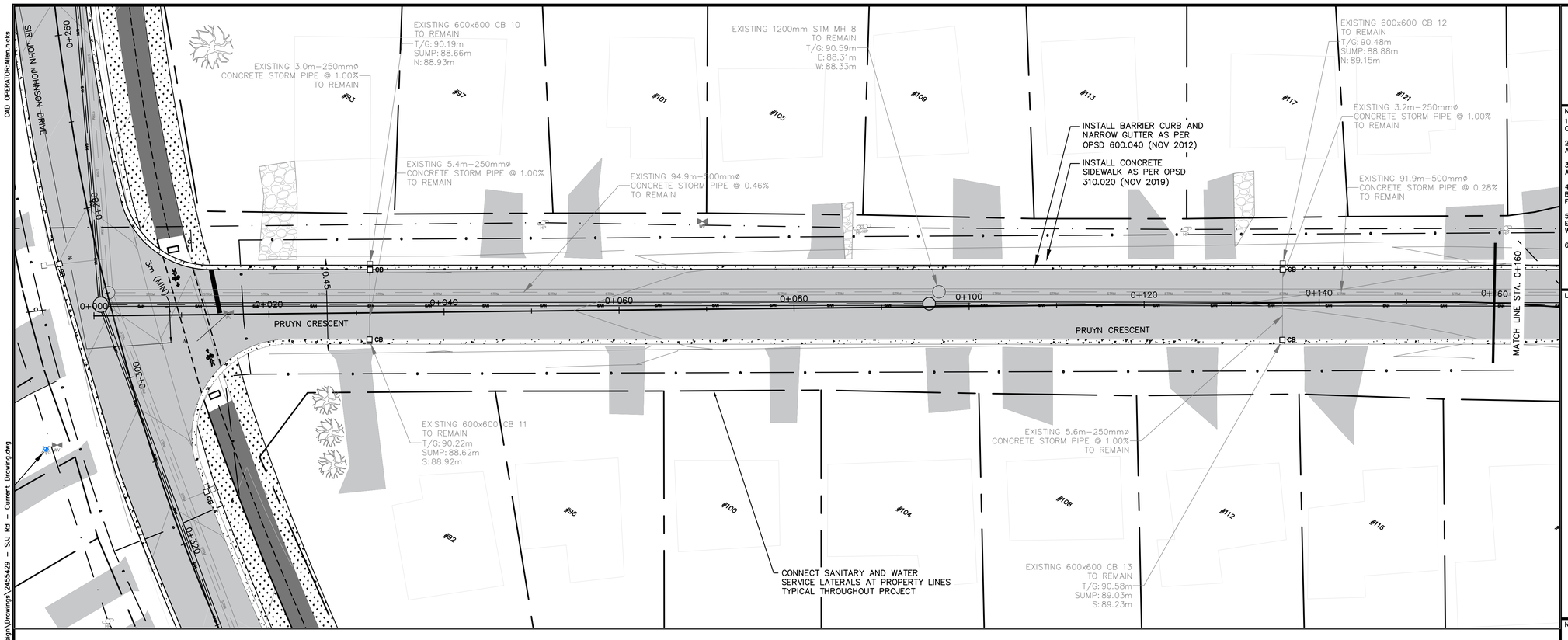
STAMP
APR. 21/21

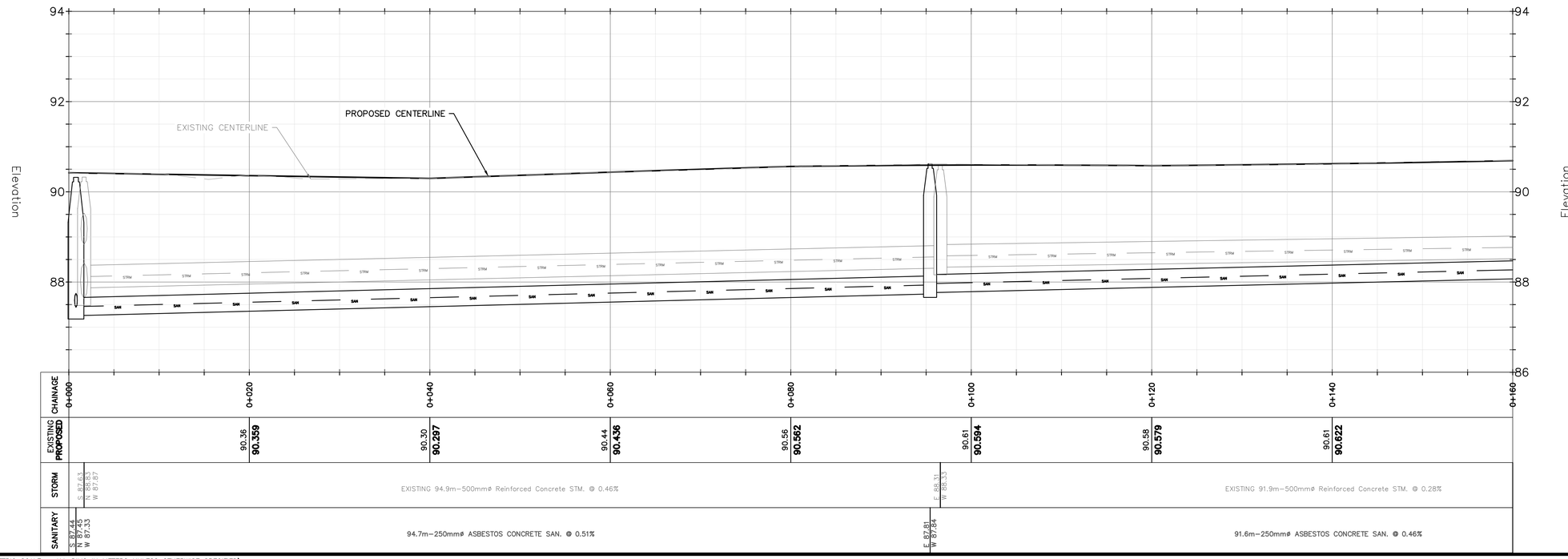
PROJECT
SIR JOHN JOHNSON ROAD RECONSTRUCTION
BATH, ON

DRAWING TITLE
NEW CONSTRUCTION SIR JOHN JOHNSON DR STA. 0+420 TO 0+520

REVISION		DATE
05		
04		
03		
02	ISSUED FOR 60% REVIEW	29/11/24
01	ISSUED FOR 30% REVIEW	06/08/24

DESIGNED BY: S. HIGH
DRAWN BY: S. HIGH
REVIEWED BY: K. HAWLEY
APPROVED BY: K. HAWLEY
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)
PROJECT #: 24-5-5429
SCALE: HOR: 1:250 VER: NTS
DRAWING #: C4





(METRIC SCALE – ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)

THE GREER GALLOWAY GROUP INC.
CONSULTING ENGINEERS
PETERBOROUGH
BELLEVILLE
KINGSTON
640 CATARAQUI WOODS DRIVE #2A
KINGSTON, ONTARIO, K7P 2Y5
PHONE: 613-536-5420
FAX: 613-548-3793

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- OVERHEAD LINES / UNDERGROUND
- GAS MAIN
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- CONCRETE
- ASPHALT
- GRAVEL
- TACTILE PLATES
- HYDRO POLE
- HYDRANT
- WATER VALVE
- SIGN
- TREES

NORTH

STAMP

APR. 21/21

PROJECT

SIR JOHN JOHNSON
ROAD RECONSTRUCTION

BATH, ON

DRAWING TITLE

NEW CONSTRUCTION
PRUYN CRESCENT
STA. 0+000 TO 0+160

REVISION		DATE
05		
04		
03		
02	ISSUED FOR 60% REVIEW	29/11/24
01	ISSUED FOR 30% REVIEW	06/08/24

DESIGNED BY: S. HIGH

DRAWN BY: S. HIGH

REVIEWED BY: K. HAWLEY

APPROVED BY: K. HAWLEY

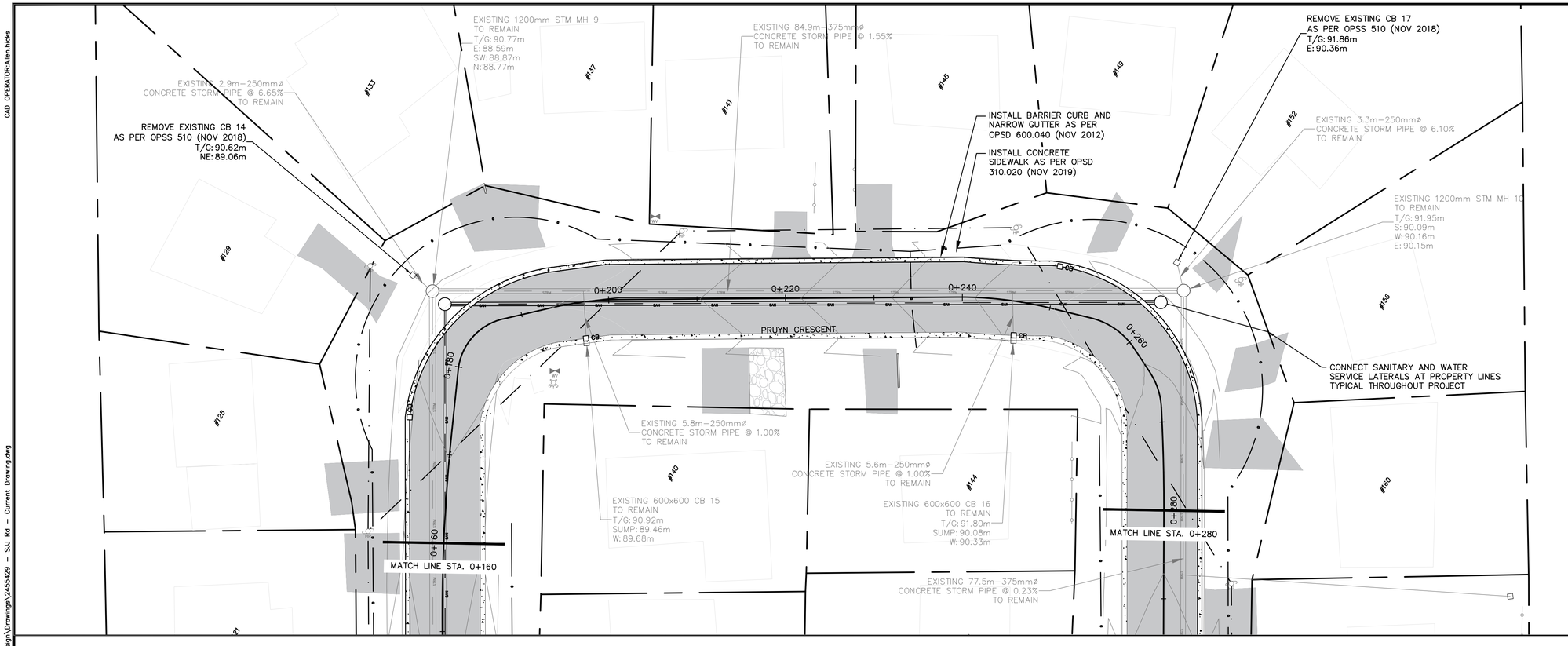
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)

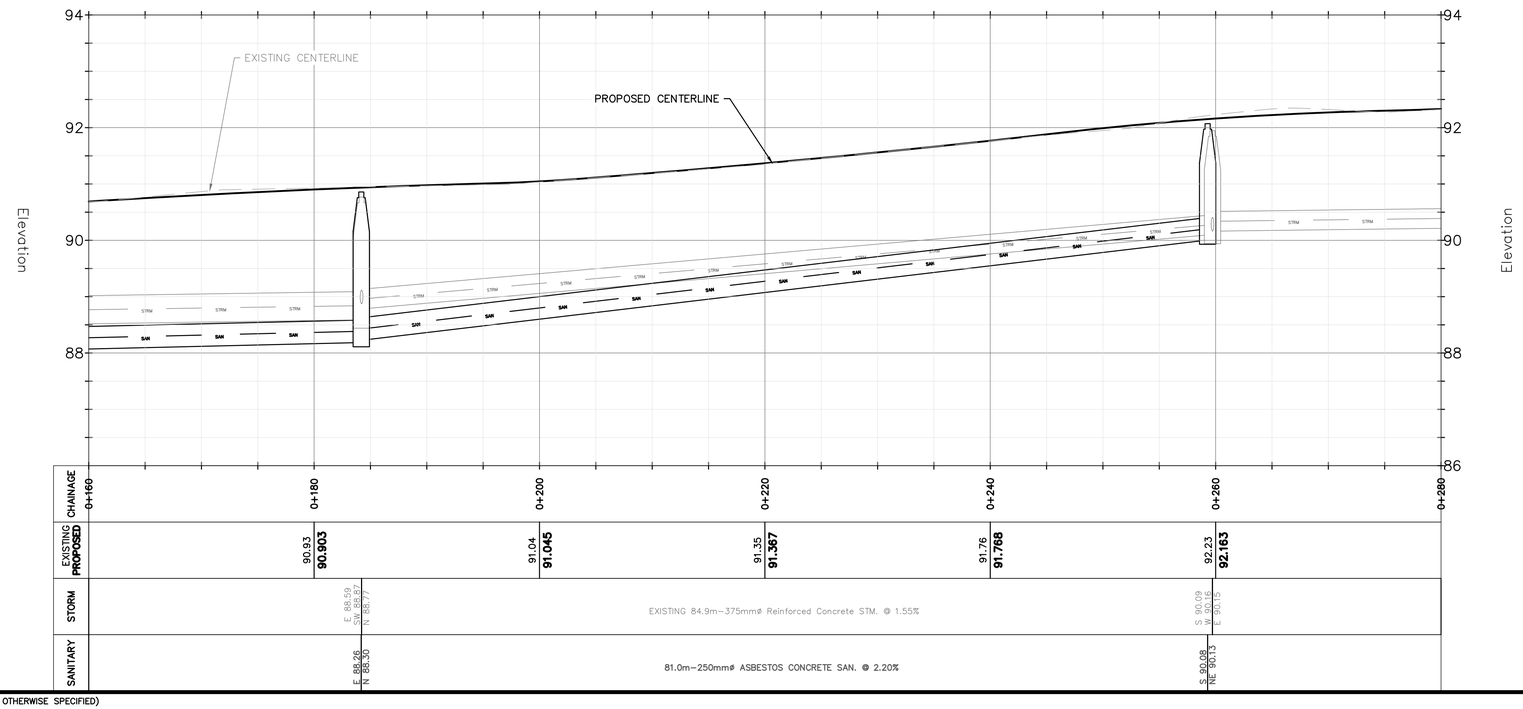
PROJECT # 24-5-5429

SCALE: HOR: 1:250 VER: 1:50

DRAWING # C5

CAD OPERATOR: Allan.hicks
CAD FILE: P:\Kingston Project\5000 – Municipal\24554\29 – Sir John Johnson Design\Drawings\24554\29 – SJJ Rd – Current Drawing.dwg
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
GGG-A1





THE GREER GALLOWAY GROUP INC.
CONSULTING ENGINEERS
PETERBOROUGH
BELLEVILLE
KINGSTON
640 CATARAQUI WOODS DRIVE #2A
KINGSTON, ONTARIO, K7P 2Y5
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- HYDRANT
- WATER VALVE
- SIGN
- TREES

NORTH

STAMP
APR. 21/21

PROJECT
SIR JOHN JOHNSON
ROAD RECONSTRUCTION
BATH, ON

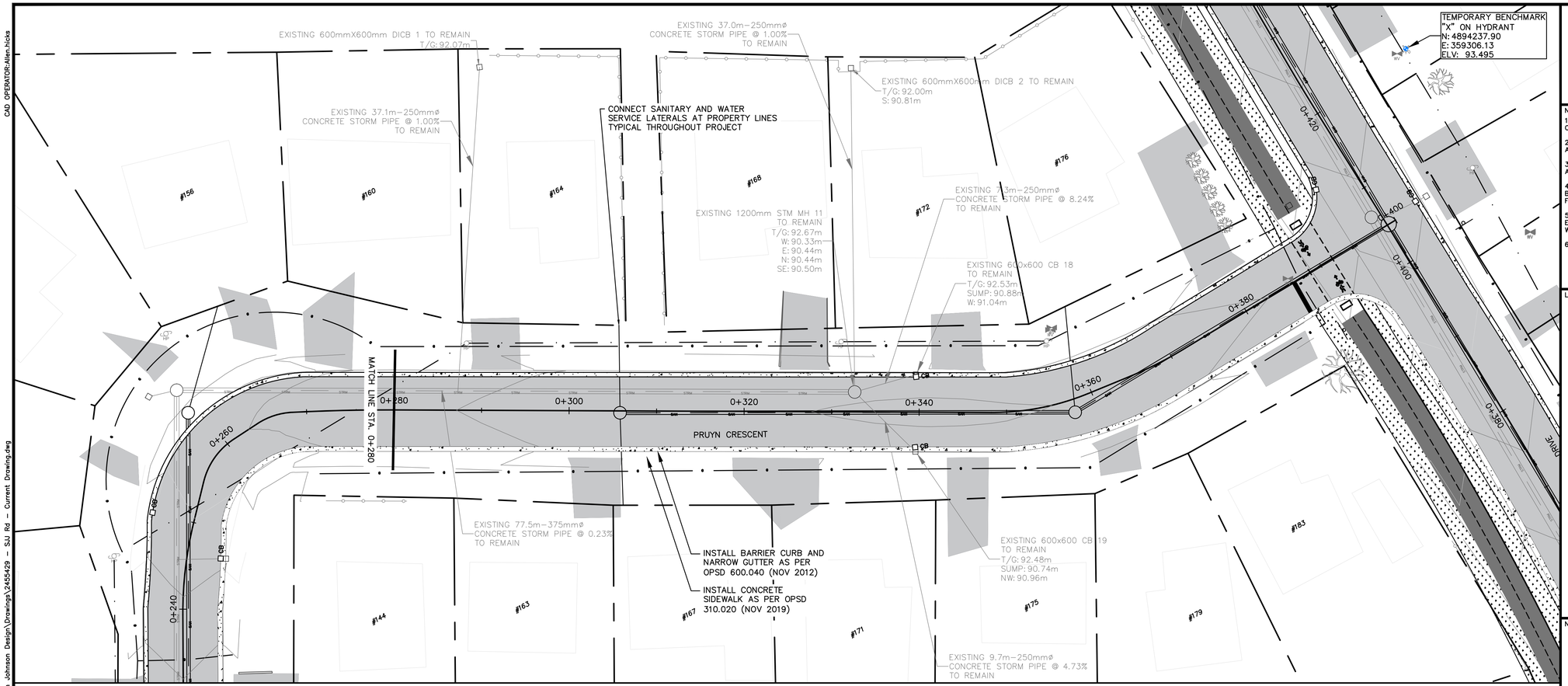
DRAWING TITLE
NEW CONSTRUCTION
PRUYN CRESCENT
STA. 0+160 TO 0+280

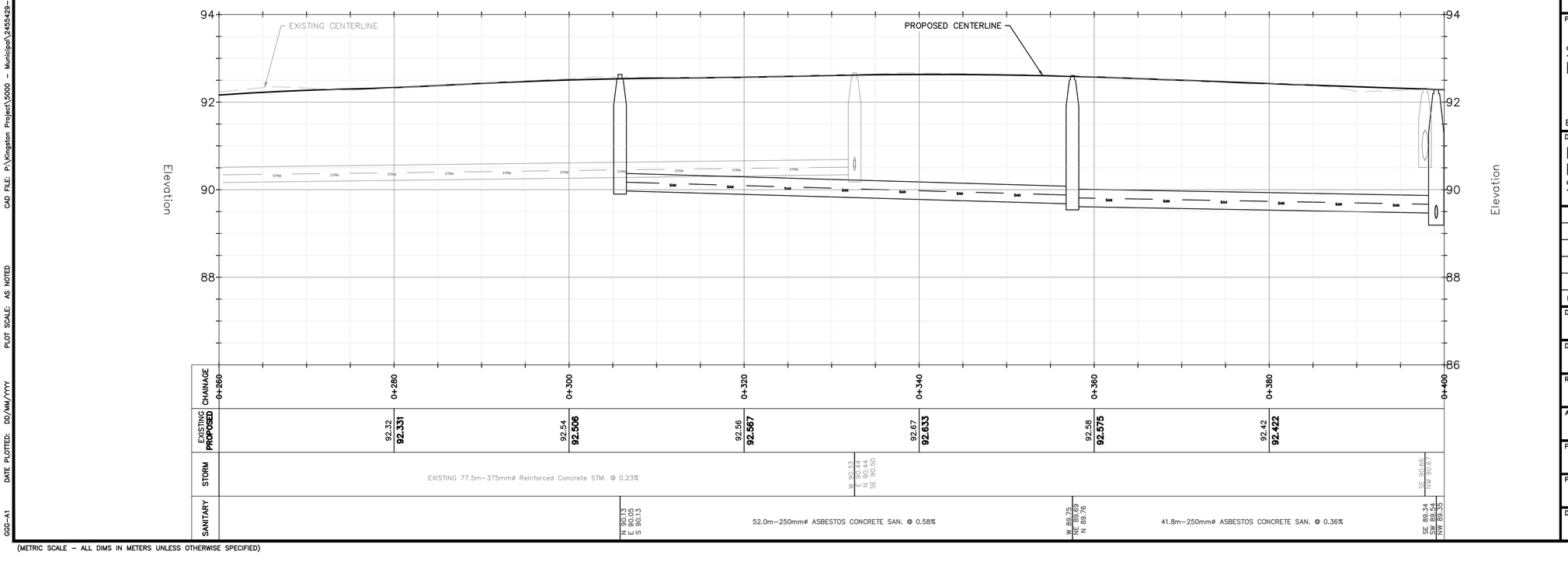
REVISION		DATE
05		
04		
03		
02	ISSUED FOR 60% REVIEW	29/11/24
01	ISSUED FOR 30% REVIEW	06/08/24

DESIGNED BY: S. HIGH
DRAWN BY: S. HIGH
REVIEWED BY: K. HAWLEY
APPROVED BY: K. HAWLEY
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)
PROJECT #: 24–5–5429
SCALE: HOR: 1:250 VER: 1:50
DRAWING #: C6

(METRIC SCALE – ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)

CAD OPERATOR:Allen.hicks
CAD FILE: P:\Kingston Project\5000 – Municipal\2455429–Sir John Johnson Design\Drawings\2455429 – SJJ Rd – Current Drawing.dwg
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
GGG–A1





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CONSULTING ENGINEERS
PETERBOROUGH
BELLEVILLE
KINGSTON
640 CATARAQUI WOODS DRIVE #2A
KINGSTON, ONTARIO, K7P 2Y5
PHONE: 613–536–5420
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A/B A DETAIL NO. B DRAWING NO. – WHERE DETAILED

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- SIGN
- TREES

NORTH

STAMP
APR. 21/21

PROJECT
SIR JOHN JOHNSON ROAD RECONSTRUCTION
BATH, ON

DRAWING TITLE
NEW CONSTRUCTION PRUYN CRESCENT STA. 0+280 TO 0+400

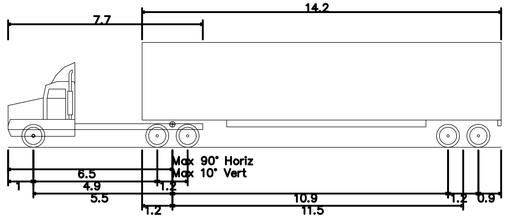
REVISION		DATE
05		
04		
03		
02	ISSUED FOR 60% REVIEW	29/11/24
01	ISSUED FOR 30% REVIEW	06/08/24

DESIGNED BY: S. HIGH
DRAWN BY: S. HIGH
REVIEWED BY: K. HAWLEY
APPROVED BY: K. HAWLEY
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)
PROJECT #: 24–5–5429
SCALE: HOR: 1:250 VER: 1:50
DRAWING #: C7

CAD OPERATOR: Allen.Hicks
CAD FILE: P:\Kingston Project\5000 – Municipal\2455429– Sir John Johnson Design\Drawings\2455429 – SJJ Rd – Current Drawing.dwg
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
CSG–A1

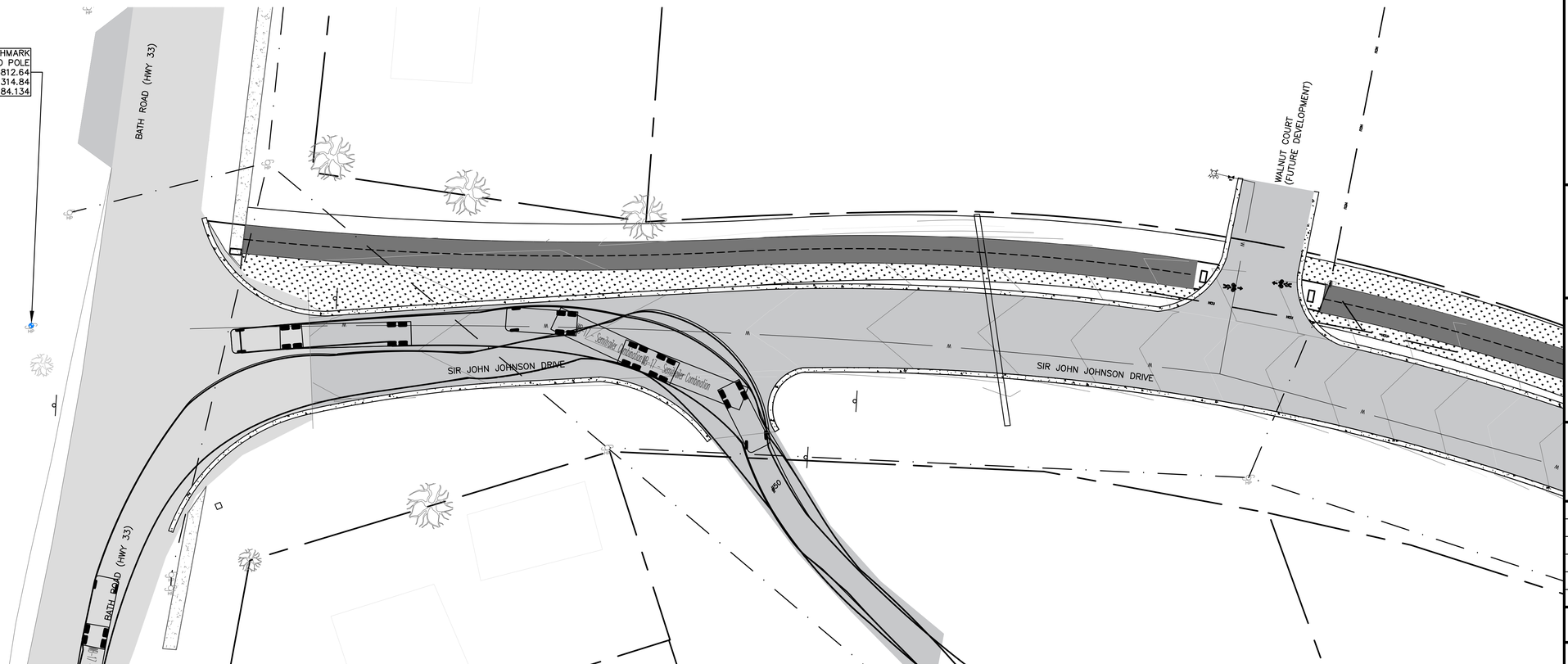
(METRIC SCALE – ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)

CAD OPERATOR:Allen.hicks
CAD FILE: P:\Kingston Project\5000 - Municipal\2455429- Sir John Johnson Design\Drawings\2455429 - SJJ Rd - Current Drawing.dwg
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
GSG-A1



WB-17 – Semitrailer Combination

Overall Length	19.500m
Overall Width	2.600m
Overall Body Height	4.150m
Min Body Ground Clearance	0.435m
Track Width	2.600m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	14.600m



(METRIC SCALE – ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)

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B DRAWING NO. – WHERE DETAILED

LEGEND

NORTH

STAMP
APR. 21/21

PROJECT
SIR JOHN JOHNSON ROAD RECONSTRUCTION
BATH, ON

DRAWING TITLE
SIR JOHN JOHNSON DR VEHICLE TRACKING

REVISION		DATE
05		
04		
03		
02	ISSUED FOR 60% REVIEW	29/11/24
01	ISSUED FOR 30% REVIEW	06/08/24

DESIGNED BY: S. HIGH
DRAWN BY: S. HIGH
REVIEWED BY: K. HAWLEY
APPROVED BY: K. HAWLEY
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)
PROJECT #: 24-5-5429
SCALE: HOR: 1:250 VER: NTS
DRAWING #: VT

C4D OPERATOR:Allen.hicks
CAD FILE: P:\Kingston Project\5000 - Municipal\24554\29 - Sir John Johnson Design\Drawings\24554\29 - SJJ Rd - Current Drawing.dwg
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
GGC-A1

GENERAL

1. All works to be installed in accordance with current Loyalist Township Guidelines, Ontario Building Code and, Ontario Provincial Standard Specifications and Drawings unless specified otherwise.
2. Prior to construction, Contractor to verify all dimensions, sewer inverts and utility locates and identify possible conflicts.
3. All environmental protection measures are the responsibility of the contractor.
4. Any traffic signs or information signs removed/damaged during construction are to be replaced at the contractors costs.
5. All utility poles to be braced as necessary.
6. The location of utilities is approximate only, and 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 during construction.

TRAFFIC CONTROL

1. All traffic control/pedestrian signing as per OTM.

GRADING

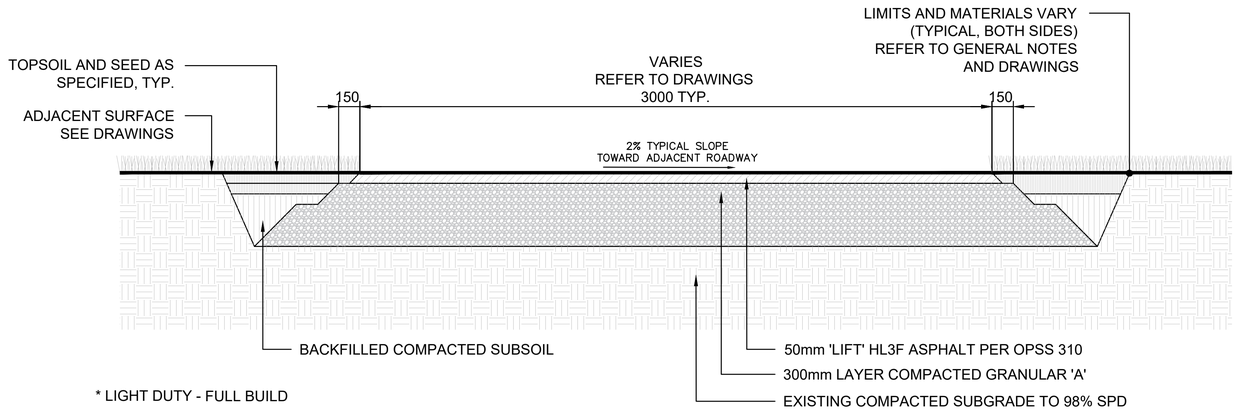
1. Finished surfaces shall be at a minimum grade of 2% unless otherwise noted.
2. Slopes in landscaped areas shall not exceed 3:1.
3. All existing elevations and grades are to be verified by the contractor prior to grading
4. Utilities are to be located prior to construction
5. All ground surfaces shall be graded to prevent ponding and without low areas except where approved swale or catchbasin outlets are provided.
6. The contractor is responsible for reviewing proposed grades with conflicts regarding the proposed structures.
7. Sub-grade shall be graded at a minimum of 3%, until a lower ditch is encountered an existing surface that has positive drainage away from the roadway.

SITE WORKS

1. Where in earth subgrade compacted granular depths to be 150 mm Granular A and 500mm Granular B. Provide 2% crossfall on subgrade.
2. All disturbed areas to be remediated with 100 mm topsoil and seed as per OPSS 802 & OPSS 804.

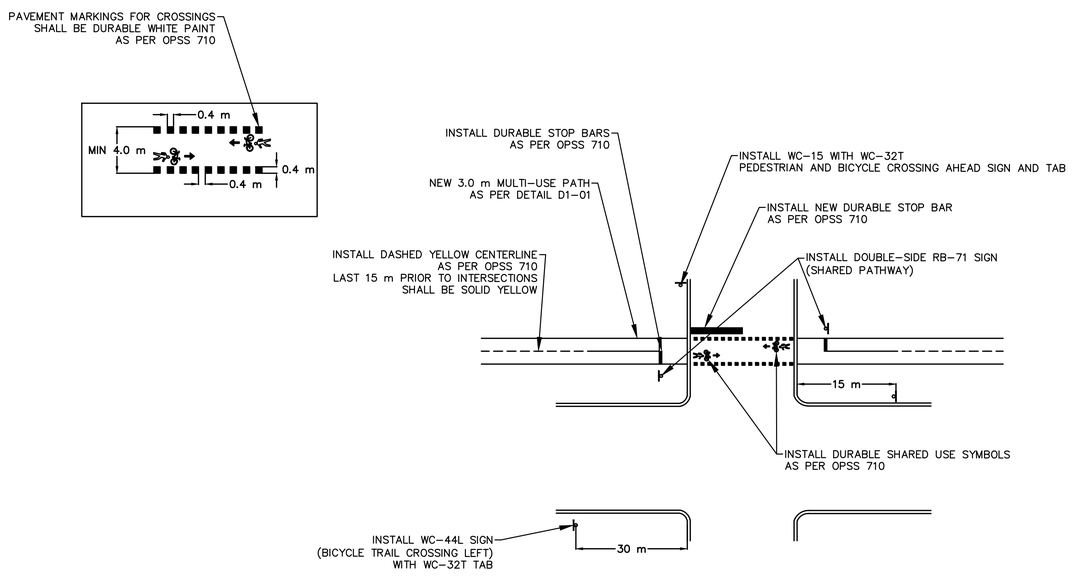
SEDIMENT AND EROSION CONTROL NOTES

1. All erosion and sediment controls shall be installed prior to construction and monitored and maintained by the Contractor throughout the construction process, until all disturbed areas have been re-vegetated then the temporary sediment and erosion control measures must be removed once the site has been stabilized/completed of site works.
2. All erosion and sediment control measures shall be inspected after prior to and after each rainfall to the satisfaction of the Contract Administrator.
3. Any disturbed areas not scheduled for further construction within forty-five (45) days will be provided with a suitable temporary mulch and seed cover within seven (7) days of completion.
4. Regardless of site specific items detailed on the plans, the Contractor shall install erosion control measures to suit the proposed work methods to control sediment from running off the site prior to any disturbance.
5. Following construction, disturbed areas, as well as proposed grassed and vegetated surfaces, shall be reinstated as soon as practical.
6. All roads used to access the site shall be kept clean to the satisfaction of the Director of Public Works.

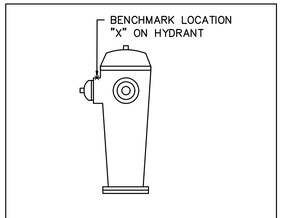


* LIGHT DUTY - FULL BUILD

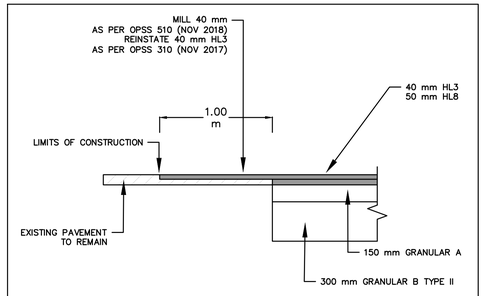
01 D1 ASPHALT PATHWAY TYPE 1
SCALE: NTS



02 D1 CYCLIST CROSSRIDE (OTM BOOK 18 FIGURE 4.103)
SCALE: NTS



03 D1 BENCHMARK - 'X' ON HYDRANT
SCALE: NTS



04 D1 'TYPICAL' STEP JOINT AT PAVING LIMITS DETAIL
SCALE: NTS

(METRIC SCALE – ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)

THE GREER GALLOWAY GROUP INC.
CONSULTING ENGINEERS
PETERBOROUGH
BELLEVILLE
KINGSTON
640 CATARAQUI WOODS DRIVE #2A
KINGSTON, ONTARIO, K7P 2Y5
PHONE: 613-536-5420
FAX: 613-548-3793

NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH RELEVANT CODES AND GUIDELINES.
2. ALL DRAWINGS AND ADDENDA ARE TO BE READ AS, AND IN CONJUNCTION WITH THE SPECIFICATIONS.
3. ALL EQUIPMENT SHALL BE INSTALLED AS SPECIFIED OR APPROVED EQUIVALENT.
4. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH WORK AND BE RESPONSIBLE FOR SAME.
5. CONTRACTOR MUST REPORT ANY DISCREPANCIES TO ENGINEER FOR RESOLUTION BEFORE COMMENCING THE WORK.
6. ANY CHANGES MUST BE APPROVED BY THE ENGINEER.

A/B A DETAIL NO.
B DRAWING NO. – WHERE DETAILED

LEGEND

NORTH

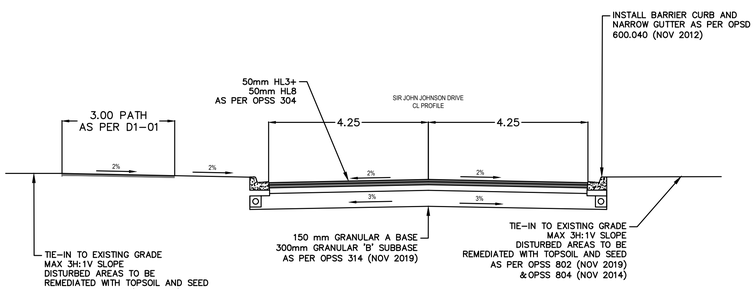
STAMP
APR. 21/21

PROJECT
SIR JOHN JOHNSON
ROAD RECONSTRUCTION
BATH, ON

DRAWING TITLE
DETAILS & NOTES

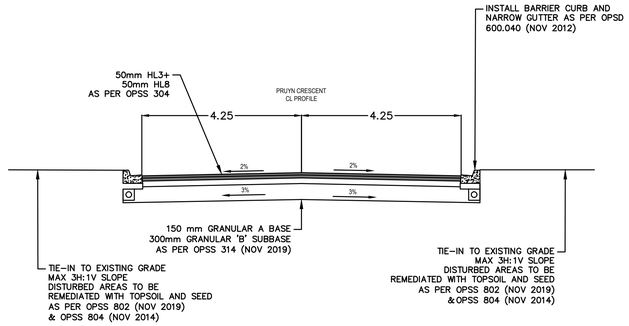
REVISION		DATE
05		
04		
03		
02	ISSUED FOR 60% REVIEW	29/11/24
01	ISSUED FOR 30% REVIEW	06/08/24

DESIGNED BY: S. HIGH
DRAWN BY: S. HIGH
REVIEWED BY: K. HAWLEY
APPROVED BY: K. HAWLEY
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)
PROJECT #: 24-5-5429
SCALE: HOR: NTS, VER: NTS
DRAWING #: D1



01 / D2 SIR JOHN JOHNSON DRIVE TYPICAL SECTION

SCALE: NTS



02 / D2 PRUYN CRESCENT TYPICAL SECTION

SCALE: NTS

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A / B A DETAIL NO. B DRAWING NO. – WHERE DETAILED

LEGEND

NORTH

STAMP

APR. 21/21

PROJECT

SIR JOHN JOHNSON
ROAD RECONSTRUCTION

BATH, ON

DRAWING TITLE

TYPICAL SECTIONS

REVISION		DATE
05		
04		
03		
02	ISSUED FOR 60% REVIEW	29/11/24
01	ISSUED FOR 30% REVIEW	06/08/24

DESIGNED BY S. HIGH

DRAWN BY S. HIGH

REVIEWED BY K. HAWLEY

APPROVED BY K. HAWLEY

PROJECT DATE 02/07/2024 (DD/MM/YYYY)

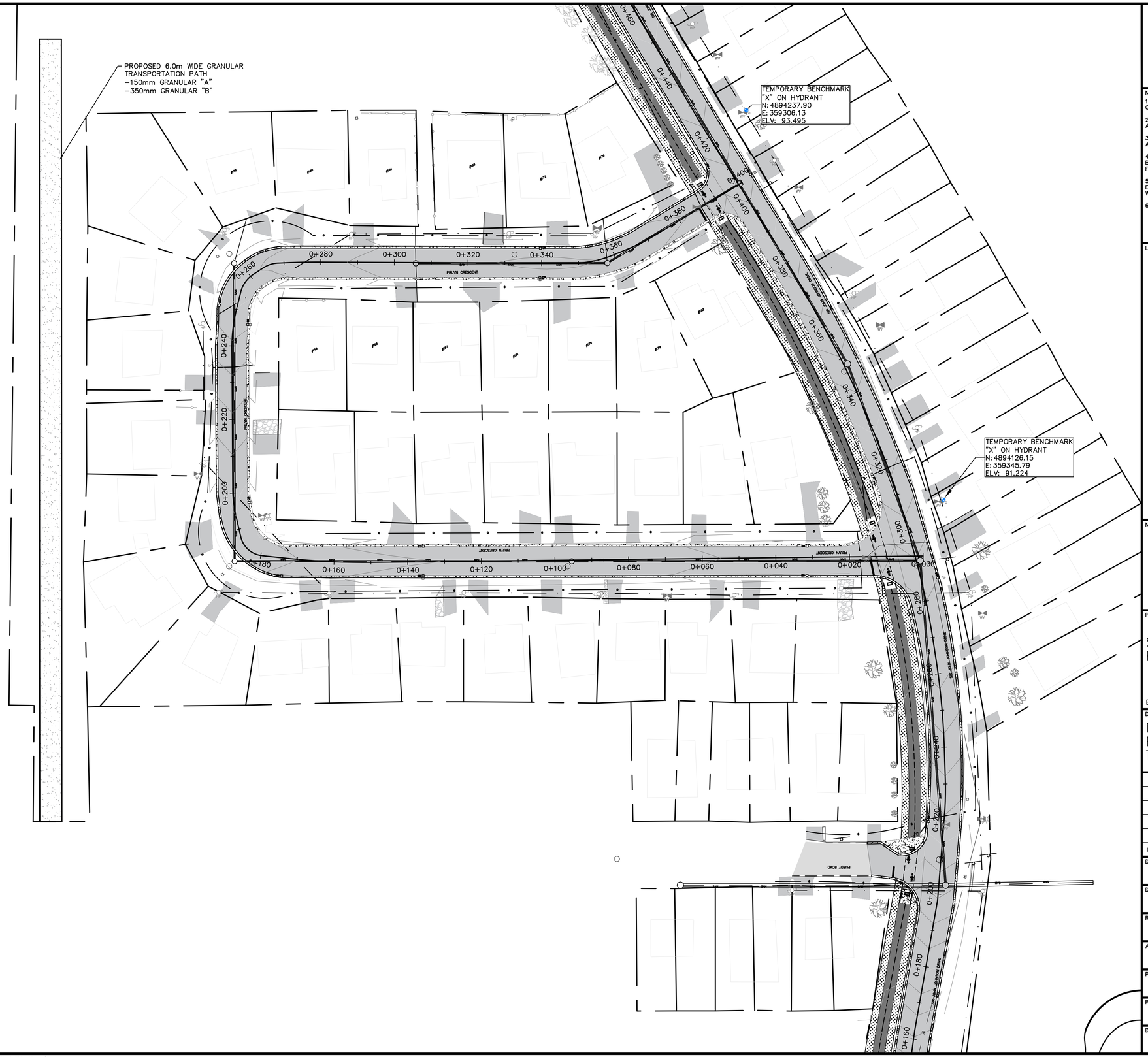
PROJECT # 24-5-5429

SCALE HOR: NTS VER: NTS

DRAWING # D2

GGG-A1 DATE PLOTTED: DD/MM/YYYY PLOT SCALE: AS NOTED CAD FILE: P:\Kingston Project\5000 - Municipal\2455429-Sir John Johnson Design\Drawings\2455429 - SJJ Rd - Current Drawing.dwg CAD OPERATOR:Allen.hicks

(METRIC SCALE – ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)



THE GREER GALLOWAY GROUP INC.
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A — A DETAIL NO.
B — B DRAWING NO. — WHERE DETAILED

LEGEND
- ASPHALT ROADWAY
- SIDEWALK
- PROPERTY LINES
- CENTERLINE
- OVERHEAD LINES / UNDERGROUND
- GAS MAIN
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
- BEDROCK
- CONCRETE
- ASPHALT
- GRAVEL
- TACTILE PLATES
- HYDRO POLE
- HYDRANT
- WATER VALVE
- SIGN
- TREES

NORTH

STAMP

APR. 21/21

PROJECT

SIR JOHN JOHNSON
ROAD RECONSTRUCTION

BATH, ON

DRAWING TITLE

NEW CONSTRUCTION
PURDY ROAD
TRANSPORTATION PATH

05		
04		
03		
02	ISSUED FOR 60% REVIEW	29/11/24
01	ISSUED FOR 30% REVIEW	06/08/24
REVISION		DATE

DESIGNED BY: S. HIGH
DRAWN BY: S. HIGH
REVIEWED BY: K. HAWLEY
APPROVED BY: K. HAWLEY
PROJECT DATE: 02/07/2024 (DD/MM/YYYY)
PROJECT #: 24-5-5429
SCALE: HOR: 1:500, VER: 1:50
DRAWING #: C8

(METRIC SCALE — ALL DIMS IN METERS UNLESS OTHERWISE SPECIFIED)

CAD OPERATOR:Allen.hicks
CAD FILE: P:\Kingston Project\5000 - Municipal\2455429 - SJJ Rd - Current Drawing\Design\Drawings\2455429 - Sir John Johnson Design\Drawings.dwg
PLOT SCALE: AS NOTED
DATE PLOTTED: DD/MM/YYYY
GCG-A1