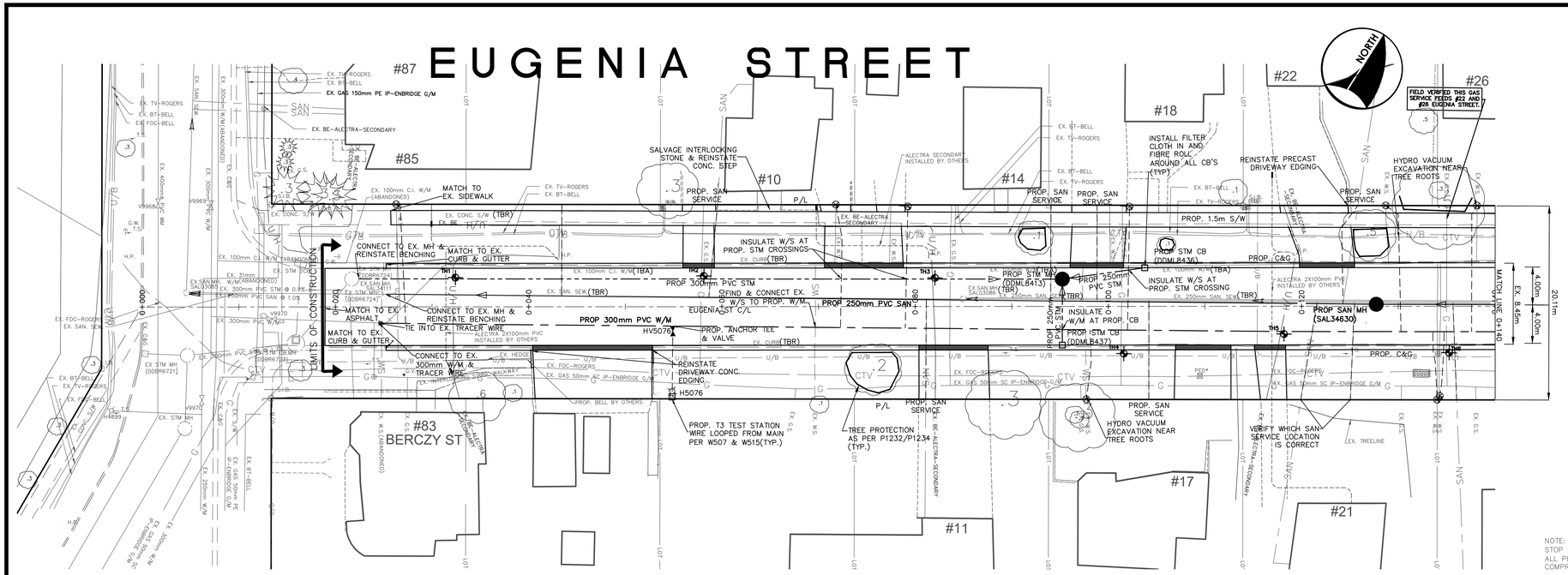
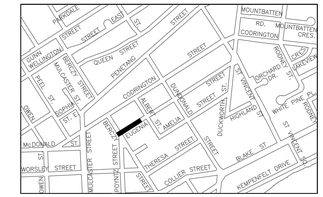
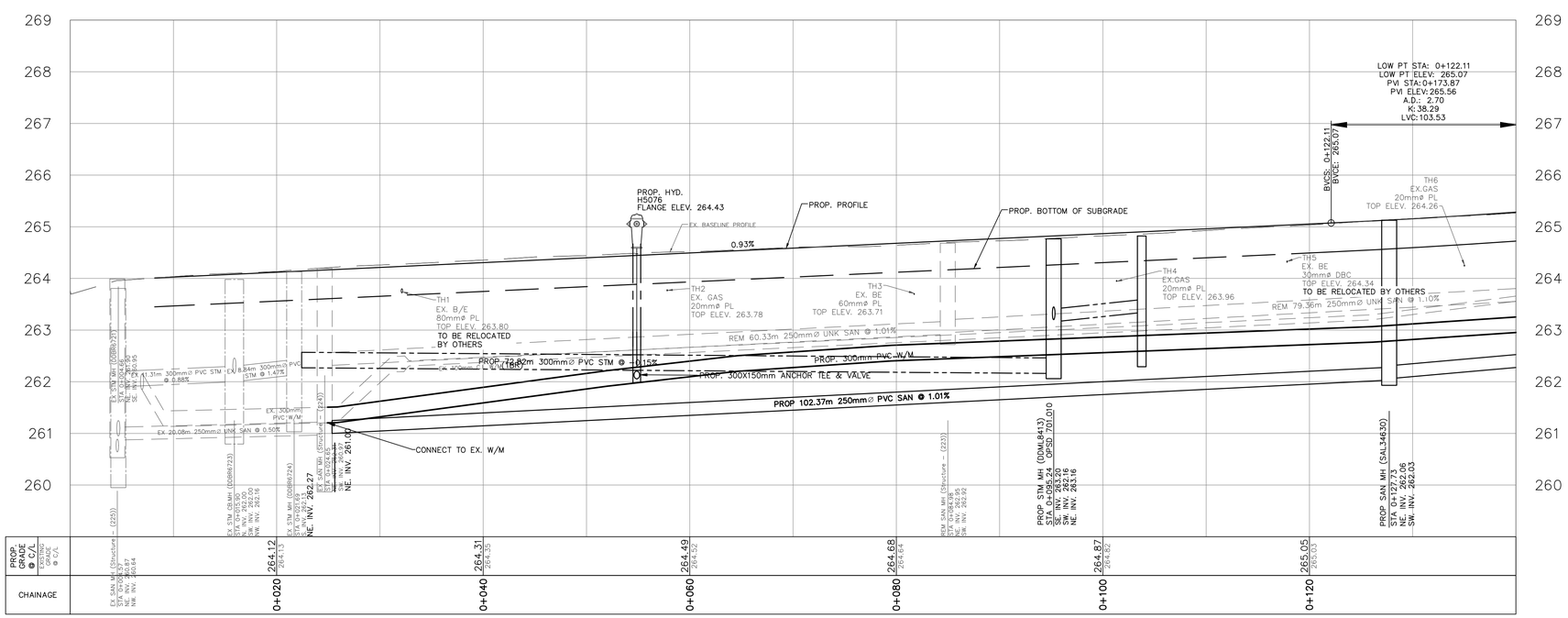




NOTE: COPPER SERVICES THAT ARE NOT STRAIGHT FROM MAIN TO CURB STOP REQUIRE A GROUNDING ROD(GROUNDING ANODE) AT MAINSTOP
ALL PEX SERVICES REQUIRE GROUNDING ROD(GROUNDING ANODE) AND COMPRESSION FITTING WITH ELECTRICAL SHOULDER AT CURB STOP



GENERAL NOTES

REFER TO CURRENT CITY OF BARRIE STANDARDS FOR APPLICABLE GENERAL NOTES.

LOCATIONS OF SANITARY LATERALS ARE APPROXIMATE. VERIFY LOCATIONS IN FIELD.

ALL PROP. SANITARY LATERALS ARE 100mm UNLESS NOTED OTHERWISE. WATER SERVICES ARE 25mm COPPER UNLESS NOTED OTHERWISE.

INSTALL CLEANOUTS AT PROPERTY LINE ON ALL SANITARY SERVICES.

BENCH MARKS

DISTANCE NOTE

DISTANCES SHOWN HEREON ARE GRID DISTANCES AND CAN BE CONVERTED TO GROUND DISTANCES BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.0003.

BEARING NOTE

BEARINGS HEREON ARE GRID BEARINGS AND ARE DERIVED FROM CONTROL MONUMENTS 01019860463 (N=4916487.812 E=604671.597)AND 03120080028 (N=4917070.929 E=606095.104). AND ARE REFERRED TO THE CENTRAL MERIDIAN (81 DEGREES 00' LONGITUDE) IN ZONE 17 AND ARE BASED ON NAD83 (76 ADJUSTMENT).

BENCH MARK V03120030003 & V3120030002

241.012 – Sophia Creek Culvert at intersection of Sophia Street East & Peel Street. Culvert located on East side of Peel Street. North end of head wall is 8 m East of centerline R.O.W. The vertical Control Monument is set flush in the North end of headwall with handrail. The tablet is centered in the wall in line with handrail and 140 mm below top of wall.

260.583 – RVH Heliport at the West entrance to RVH on Georgian Dr.
The vertical control monument is set flush in the North–East face of the Heliport arrow. The tablet is 1.45 m South–East from the North tip of the Heliport arrow and 55 cm below the top of the arrow structure.
BENCH MARKS WILL BE FROM CITY OF BARRIE VERTICAL CONTROL NETWORK. INITIAL BENCH MARK TO BE OF 2nd ORDER ACCURACY

NO.	REVISIONS	DATE	APPROVED
1.	30% REVIEW	09/20	J.H.
2.	60% REVIEW	06/22	J.H.
3.	90% REVIEW	08/23	J.H.
4.	ISSUED FOR TENDER	12/23	J.H.

CITY OF BARRIE
ACCEPTED
DATE. . . . . .
. . . . . .
DIRECTOR OF INFRASTRUCTURE

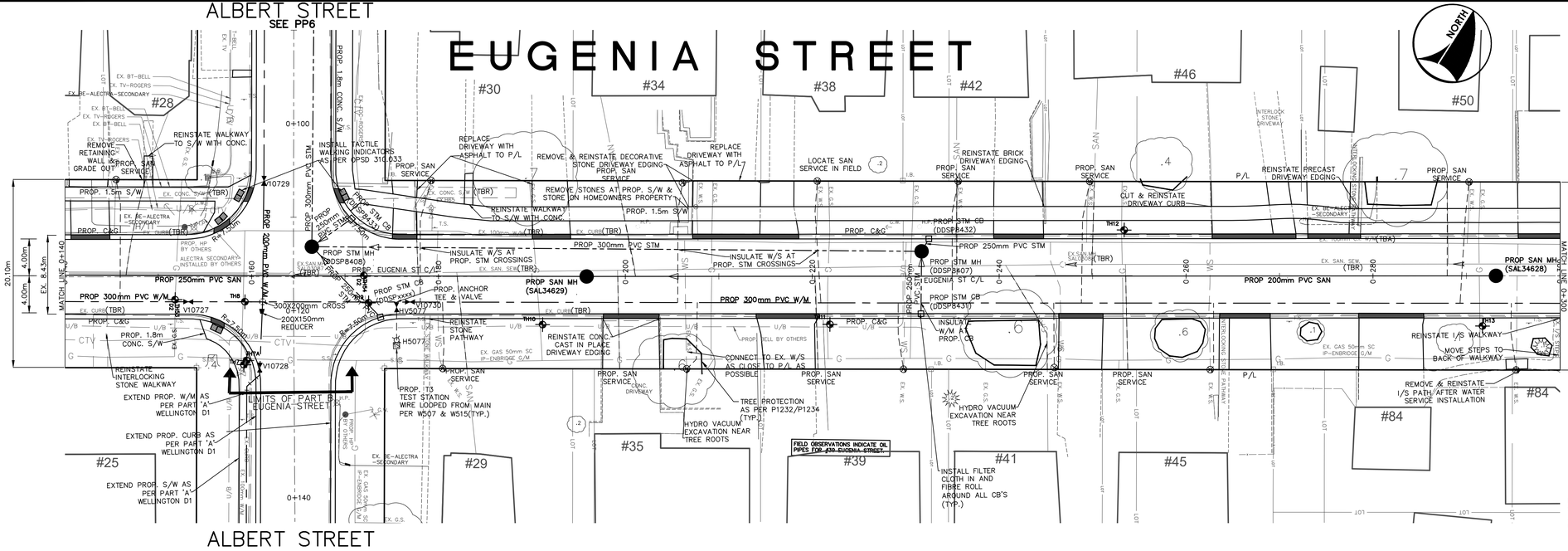
PART 'B' EUGENIA STREET RECONSTRUCTION
EUGENIA STREET

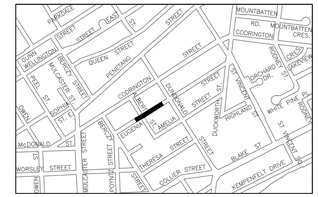
PLAN & PROFILE
STA. 0+000 TO STA. 0+140

Barrie
INFRASTRUCTURE DEPARTMENT

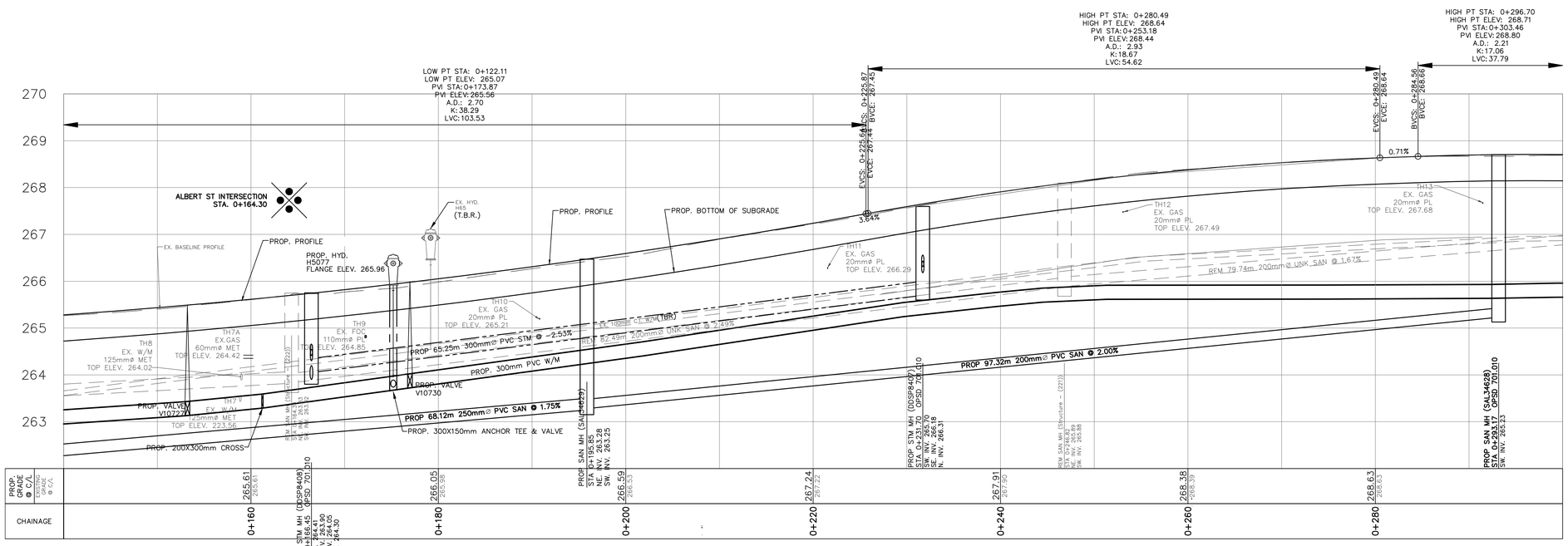
SCALE HOR.	1:250	VERT.	1:50	CONTRACT NO.	2024–046T
DESIGN	J.I.	DRAWN	J.I.	SHEET NO.	B–PP1
REVIEWED	J.H.	DATE	2024.03.15		

5/29/2024 10:12 AM JONATHAN INNES GRAVITY PIPES AND STRUCTURES.DWG





NOTE: COPPER SERVICES THAT ARE NOT STRAIGHT FROM MAIN TO CURB STOP REQUIRE A GROUNDING ROD(GROUNDING ANODE) AT MAINSTOP. ALL PEX SERVICES REQUIRE GROUNDING ROD(GROUNDING ANODE) AND COMPRESSION FITTING WITH ELECTRICAL SHOULDER AT CURB STOP.



GENERAL NOTES

REFER TO CURRENT CITY OF BARRIE STANDARDS FOR APPLICABLE GENERAL NOTES.

LOCATIONS OF SANITARY LATERALS ARE APPROXIMATE. VERIFY LOCATIONS IN FIELD.

ALL PROP. SANITARY LATERALS ARE 100mm UNLESS NOTED OTHERWISE. WATER SERVICES ARE 25mm COPPER UNLESS NOTED OTHERWISE.

INSTALL CLEANOUTS AT PROPERTY LINE ON ALL SANITARY SERVICES.

BENCH MARKS

DISTANCE NOTE

DISTANCES SHOWN HEREON ARE GRID DISTANCES AND CAN BE CONVERTED TO GROUND DISTANCES BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.0003.

BEARING NOTE

BEARINGS HEREIN ARE GRID BEARINGS AND ARE DERIVED FROM CONTROL MONUMENTS 01019860463 (N=4916487.812 E=604671.597)AND 03120080028 (N=4917070.929 E=606095.104). AND ARE REFERRED TO THE CENTRAL MERIDIAN (81 DEGREES OF LONGITUDE) IN ZONE, 17 AND ARE BASED ON NAD83 (76 ADJUSTMENT).

BENCH MARK V03120030003 & V3120030002

241.612 – Sophia Creek Culvert at intersection of Sophia Street East & Peel Street. Culvert located on East side of Peel Street. North end of head wall is 8 m East of centerline R.O.W. The vertical Control Monument is set flush in the North end of headwall with handrail. The tablet is centered in the wall in line with handrail and 140 mm below top of wall.

260.583 – RVH Heliport at the West entrance to RVH on Georgian Dr.
The vertical control monument is set flush in the North-East face of the Heliport arrow. The tablet is 1.45 m South-East from the North tip of the Heliport arrow and 55 cm below the top of the arrow structure.
BENCH MARKS WILL BE FROM CITY OF BARRIE VERTICAL CONTROL NETWORK. INITIAL BENCH MARK TO BE OF 2nd ORDER ACCURACY

NO.	REVISIONS	DATE	APPROVED
1.	30% REVIEW	09/20	J.H.
2.	60% REVIEW	06/22	J.H.
3.	90% REVIEW	08/23	J.H.
4.	ISSUED FOR TENDER	12/23	J.H.

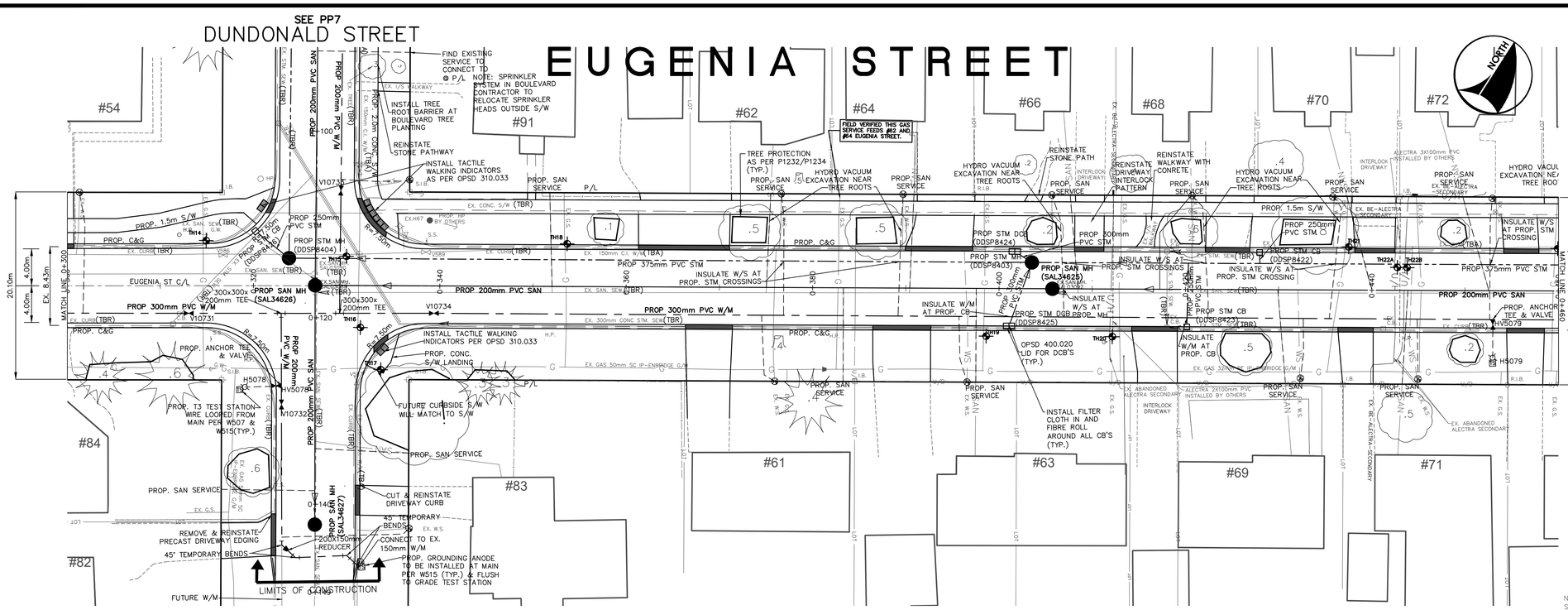
CITY OF BARRIE
ACCEPTED
DATE. . . . . .
. . . . . .
DIRECTOR OF INFRASTRUCTURE

PART 'B' EUGENIA STREET RECONSTRUCTION
EUGENIA STREET
PLAN & PROFILE
STA. 0+140 TO STA. 0+300

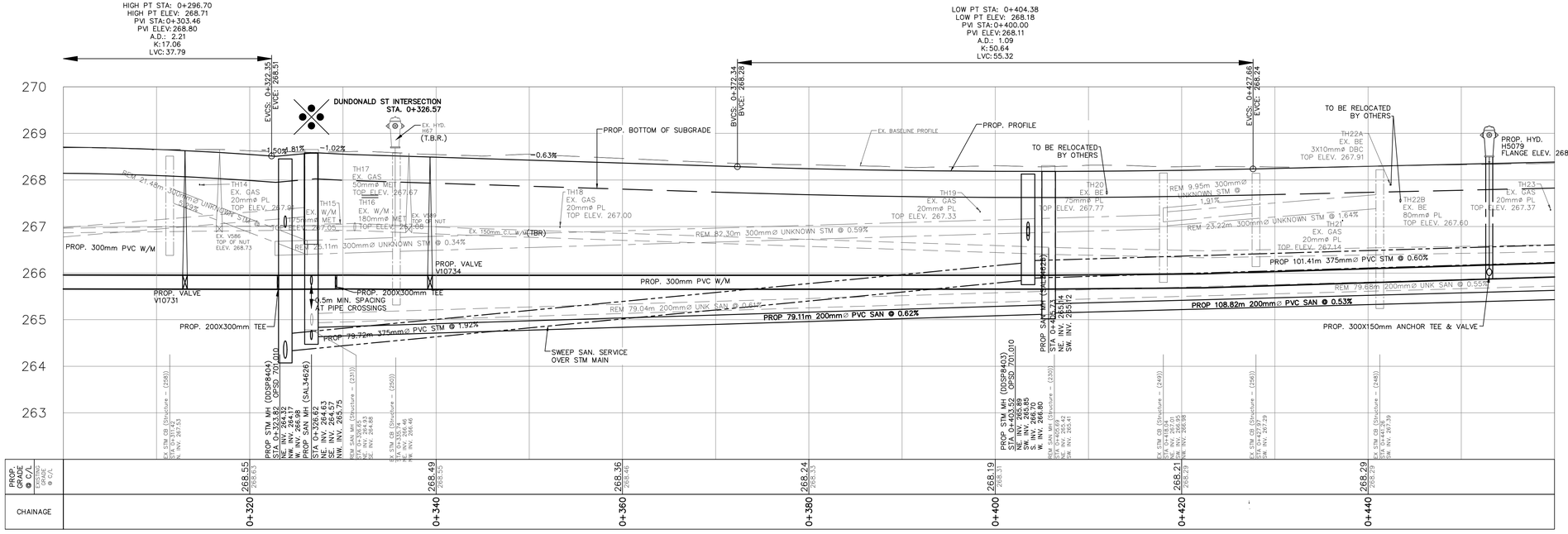
Barrie
INFRASTRUCTURE DEPARTMENT

SCALE HOR. 1:250	VERT. 1:50	CONTRACT NO.	2024–046T
DESIGN J.I.	DRAWN J.I.	SHEET NO.	B–PP2
REVIEWED J.H.	DATE 2024.03.15		

5/28/2024 10:13 AM JONATHAN INNES GRAVITY PIPES AND STRUCTURES.DWG



NOTE: COPPER SERVICES THAT ARE NOT STRAIGHT FROM MAIN TO CURB STOP REQUIRE A GROUNDING ROD(GROUNDING ANODE) AT MAINSTOP ALL PEX SERVICES REQUIRE GROUNDING ROD(GROUNDING ANODE) AND COMPRESSION FITTING WITH ELECTRICAL SHOULDER AT CURB STOP



GENERAL NOTES

REFER TO CURRENT CITY OF BARRIE STANDARDS FOR APPLICABLE GENERAL NOTES.

LOCATIONS OF SANITARY LATERALS ARE APPROXIMATE. VERIFY LOCATIONS IN FIELD.

ALL PROP. SANITARY LATERALS ARE 100mm UNLESS NOTED OTHERWISE. WATER SERVICES ARE 25mm COPPER UNLESS NOTED OTHERWISE.

INSTALL CLEANOUTS AT PROPERTY LINE ON ALL SANITARY SERVICES.

BENCH MARKS

DISTANCE NOTE

DISTANCES SHOWN HEREON ARE GRID DISTANCES AND CAN BE CONVERTED TO GROUND DISTANCES BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.0003.

BEARING NOTE

BEARINGS HEREIN ARE GRID BEARINGS AND ARE DERIVED FROM CONTROL MONUMENTS 01019860463 (N=4916487.812 E=604671.597)AND 03120080028 (N=4917070.929 E=606095.104). AND ARE REFERRED TO THE CENTRAL MERIDIAN (81 DEGREES OF LONGITUDE) IN ZONE 17 AND ARE BASED ON NAD83 (76 ADJUSTMENT).

BENCH MARK V03120030003 & V31120030002

241.012 – Sophia Creek Culvert at intersection of Sophia Street East & Peel Street. Culvert located on East side of Peel Street. North end of head wall is 8 m East at centerline R.O.W. The vertical Control Monument is set flush in the North end of headwall with handrail. The tablet is centered in the wall in line with handrail and 140 mm below top of wall.

260.583 – RVH Heliport at the West entrance to RVH on Georgian Dr.
The vertical control monument is set flush in the North-East face of the Heliport arrow. The tablet is 1.45 m South-East from the North tip of the Heliport arrow and 55 cm below the top of the arrow structure.
BENCH MARKS WILL BE FROM CITY OF BARRIE VERTICAL CONTROL NETWORK. INITIAL BENCH MARK TO BE OF 2nd ORDER ACCURACY

NO.	REVISIONS	DATE	APPROVED
1.	30% REVIEW	09/20	J.H.
2.	60% REVIEW	06/22	J.H.
3.	90% REVIEW	08/23	J.H.
4.	ISSUED FOR TENDER	12/23	J.H.

CITY OF BARRIE
ACCEPTED
DATE. . . . . .
. . . . . .
DIRECTOR OF INFRASTRUCTURE

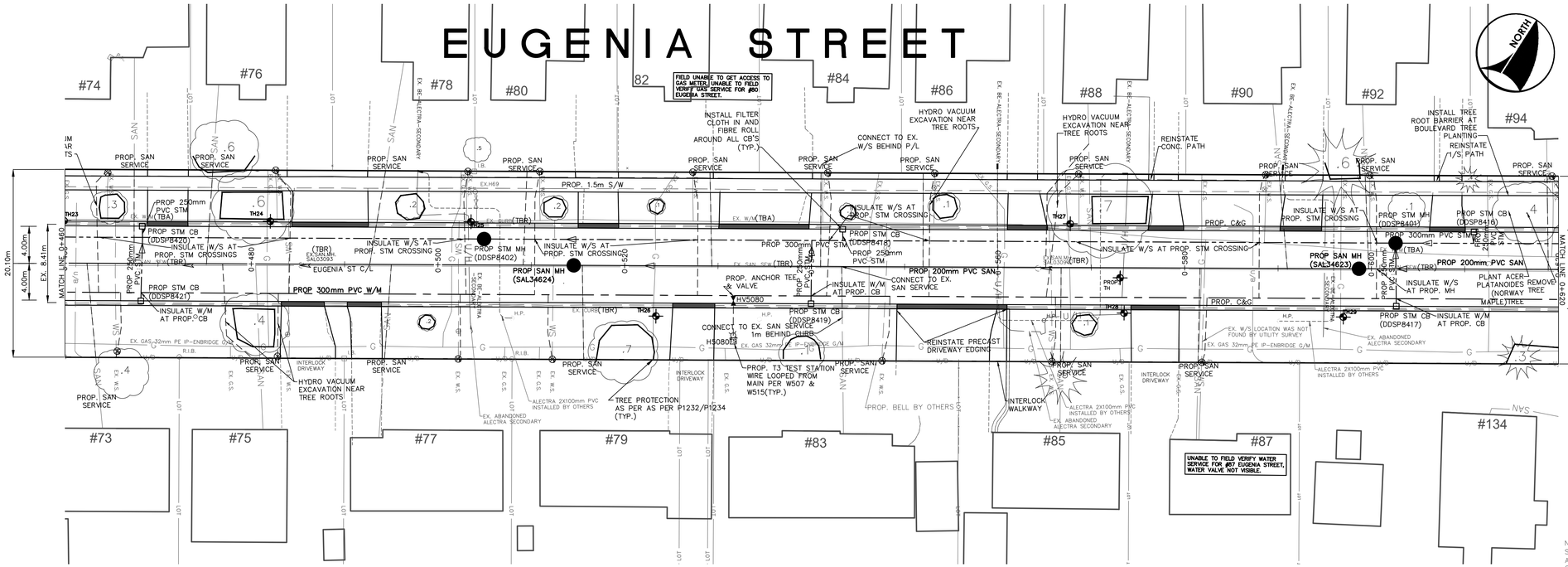
PART 'B' EUGENIA STREET RECONSTRUCTION
EUGENIA STREET

PLAN & PROFILE
STA. 0+300 TO STA. 0+460

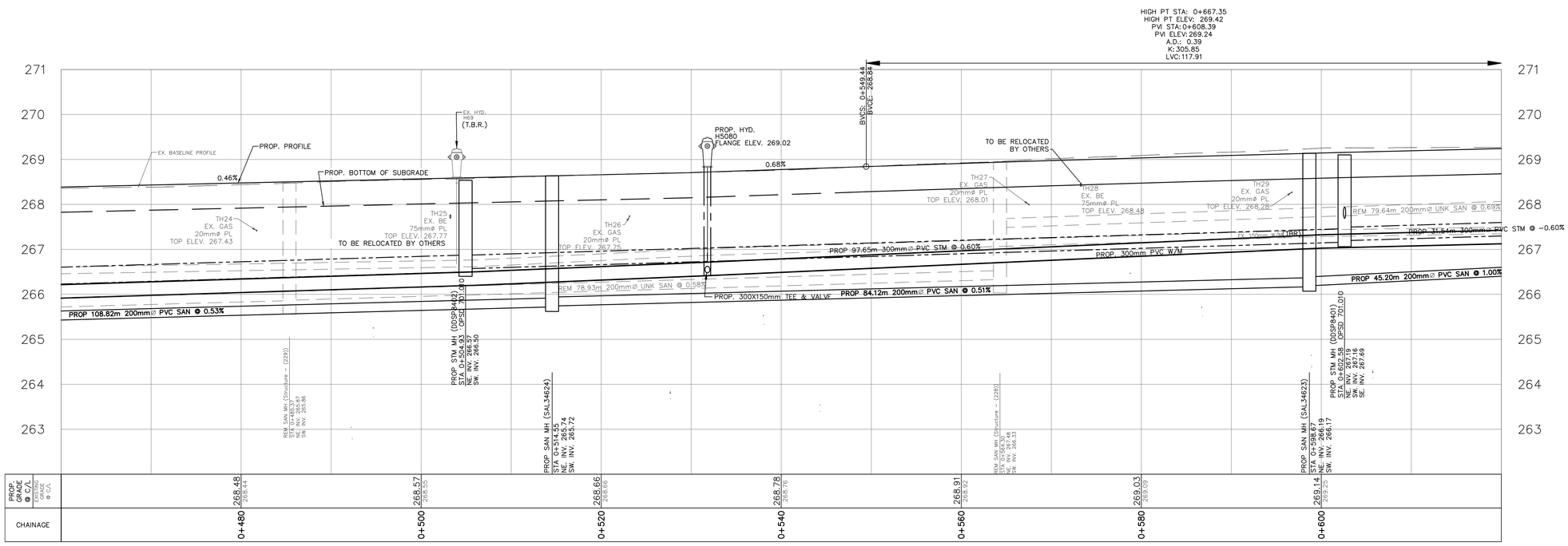
Barrie
INFRASTRUCTURE DEPARTMENT

SCALE HOR. 1:250	VERT. 1:50	CONTRACT NO. 2024-046T	
DESIGN J.I.	DRAWN J.I.		
REVIEWED J.H.	DATE 2024.03.15	SHEET NO. B-PP3	

5/28/2024 10:13 AM JONATHAN INNES GRAVITY PIPES AND STRUCTURES.DWG



NOTE: COPPER SERVICES THAT ARE NOT STRAIGHT FROM MAIN TO CURB STOP REQUIRE A GROUNDING ROD(GROUNDING ANODE) AT MAINSTOP ALL PEX SERVICES REQUIRE GROUNDING ROD(GROUNDING ANODE) AND COMPRESSION FITTING WITH ELECTRICAL SHOULDER AT CURB STOP



GENERAL NOTES

REFER TO CURRENT CITY OF BARRIE STANDARDS FOR APPLICABLE GENERAL NOTES.

LOCATIONS OF SANITARY LATERALS ARE APPROXIMATE. VERIFY LOCATIONS IN FIELD.

ALL PROP. SANITARY LATERALS ARE 100mm UNLESS NOTED OTHERWISE. WATER SERVICES ARE 25mm COPPER UNLESS NOTED OTHERWISE.

INSTALL CLEANOUTS AT PROPERTY LINE ON ALL SANITARY SERVICES.

BENCH MARKS

DISTANCE NOTE

DISTANCES SHOWN HEREON ARE GRID DISTANCES AND CAN BE CONVERTED TO GROUND DISTANCES BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.0003.

BEARING NOTE

BEARINGS HEREON ARE GRID BEARINGS AND ARE DERIVED FROM CONTROL MONUMENTS 01019860463 (N=4916487.812 E=604671.597)AND 03120080028 (N=4917070.929 E=606095.104). AND ARE REFERRED TO THE CENTRAL MERIDIAN (81 DEGREES OF LONGITUDE) IN ZONE, 17 AND ARE BASED ON NAD83 (76 ADJUSTMENT).

BENCH MARK V03120030003 & V3120030002

241.012 – Sophia Creek Culvert at intersection of Sophia Street East & Peel Street. Culvert located on East side of Peel Street. North end of head wall is 8 m East of centerline R.O.W. The vertical Control Monument is set flush in the North end of headwall with handrail. The tablet is centered in the wall in line with handrail and 140 mm below top of wall.

260.583 – RVH Heliport at the West entrance to RVH on Georgian Dr.

The vertical control monument is set flush in the North-East face of the Heliport arrow. The tablet is 1.45 m South-East from the North tip of the Heliport arrow and 55 cm below the top of the arrow structure.

BENCH MARKS WILL BE FROM CITY OF BARRIE VERTICAL CONTROL NETWORK. INITIAL BENCH MARK TO BE OF 2nd ORDER ACCURACY

NO.	REVISIONS	DATE	APPROVED
1.	30% REVIEW	09/20	J.H.
2.	60% REVIEW	06/22	J.H.
3.	90% REVIEW	08/23	J.H.
4.	ISSUED FOR TENDER	12/23	J.H.

CITY OF BARRIE
ACCEPTED
DATE. . . . . .
. . . . . .
DIRECTOR OF INFRASTRUCTURE

PART 'B' EUGENIA STREET RECONSTRUCTION

EUGENIA STREET

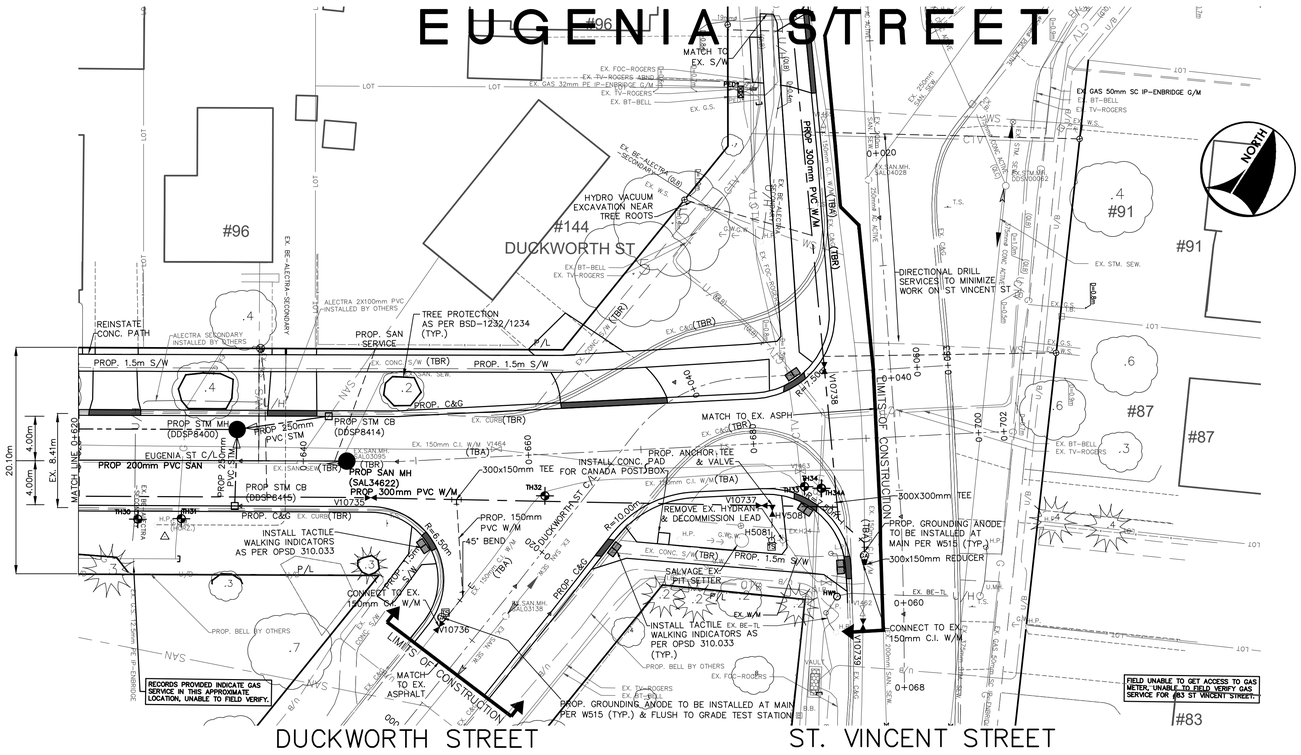
PLAN & PROFILE
STA. 0+460 TO STA. 0+620

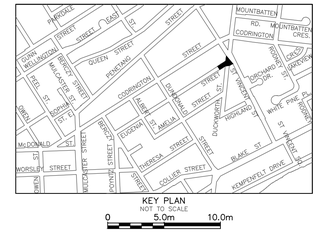
Barrie
INFRASTRUCTURE DEPARTMENT

SCALE HOR. 1:250	VERT. 1:50		CONTRACT NO. 2024–046T
DESIGN J.I.	DRAWN J.I.		SHEET NO. B–PP4
REVIEWED J.H.	DATE 2024.03.15		

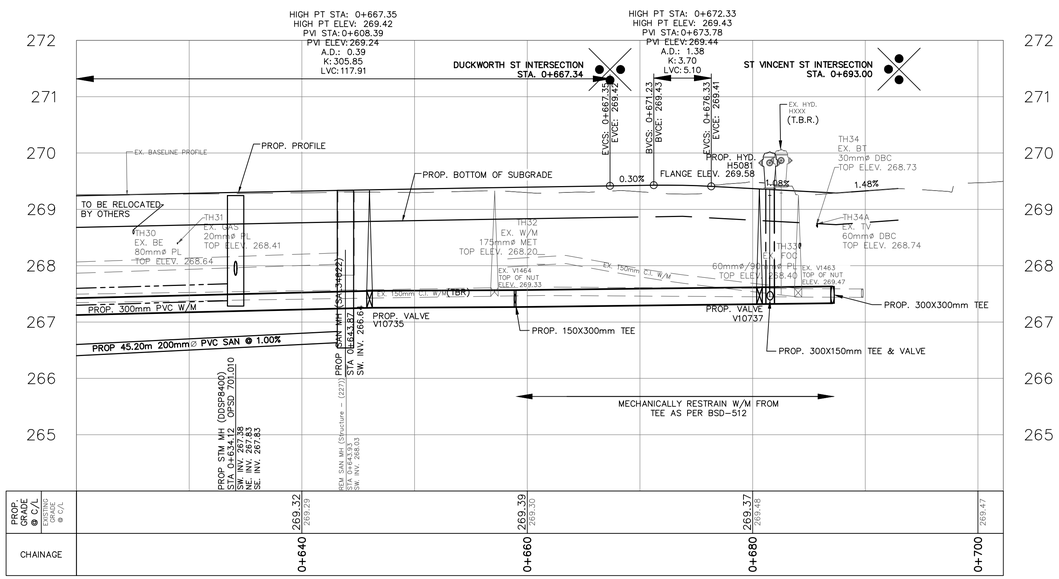
5/28/2024 10:13 AM JONATHAN INNES GRAVITY PIPES AND STRUCTURES.DWG

EUGENIA STREET





NOTE: COPPER SERVICES THAT ARE NOT STRAIGHT FROM MAIN TO CURB STOP REQUIRE A GROUNDING ROD(GROUNDING ANODE) AT MAINSTOP
ALL PEX SERVICES REQUIRE GROUNDING ROD(GROUNDING ANODE) AND COMPRESSION FITTING WITH ELECTRICAL SHOULDER AT CURB STOP



GENERAL NOTES

REFER TO CURRENT CITY OF BARRIE STANDARDS FOR APPLICABLE GENERAL NOTES.

LOCATIONS OF SANITARY LATERALS ARE APPROXIMATE. VERIFY LOCATIONS IN FIELD.

ALL PROP. SANITARY LATERALS ARE 100mm UNLESS NOTED OTHERWISE. WATER SERVICES ARE 25mm COPPER UNLESS NOTED OTHERWISE.

INSTALL CLEANOUTS AT PROPERTY LINE ON ALL SANITARY SERVICES.

BENCH MARKS

DISTANCE NOTE

DISTANCES SHOWN HEREON ARE GRID DISTANCES AND CAN BE CONVERTED TO GROUND DISTANCES BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.0003.

BEARING NOTE

BEARINGS HEREIN ARE GRID BEARINGS AND ARE DERIVED FROM CONTROL MONUMENTS 01019860463 (N=4916487.812 E=604671.597)AND 03120080028 (N=4917070.929 E=606095.104). AND ARE REFERRED TO THE CENTRAL MERIDIAN (81 DEGREES OF LONGITUDE) IN ZONE 17 AND ARE BASED ON NAD83 (76 ADJUSTMENT).

BENCH MARK V03120030003 & V31200300002

241.012 – Sophia Creek Culvert at intersection of Sophia Street East & Peel Street. Culvert located on East side of Peel Street. North end of head wall is 8 m East of centerline R.O.W. The vertical Control Monument is set flush in the North end of headwall with handrail. The tablet is centered in the wall in line with handrail and 140 mm below top of wall.

260.583 – RVH Heliport at the West entrance to RVH on Georgian Dr.

The vertical control monument is set flush in the North-East face of the Heliport arrow. The tablet is 1.45 m South-East from the North tip of the Heliport arrow and 55 cm below the top of the arrow structure.

BENCH MARKS WILL BE FROM CITY OF BARRIE VERTICAL CONTROL NETWORK. INITIAL BENCH MARK TO BE OF 2nd ORDER ACCURACY

NO.	REVISIONS	DATE	APPROVED
1.	30% REVIEW	09/20	J.H.
2.	60% REVIEW	06/22	J.H.
3.	90% REVIEW	08/23	J.H.
4.	ISSUED FOR TENDER	12/23	J.H.

CITY OF BARRIE
ACCEPTED
DATE. . . . . .
. . . . . .
DIRECTOR OF INFRASTRUCTURE

PART 'B' EUGENIA STREET RECONSTRUCTION
EUGENIA STREET

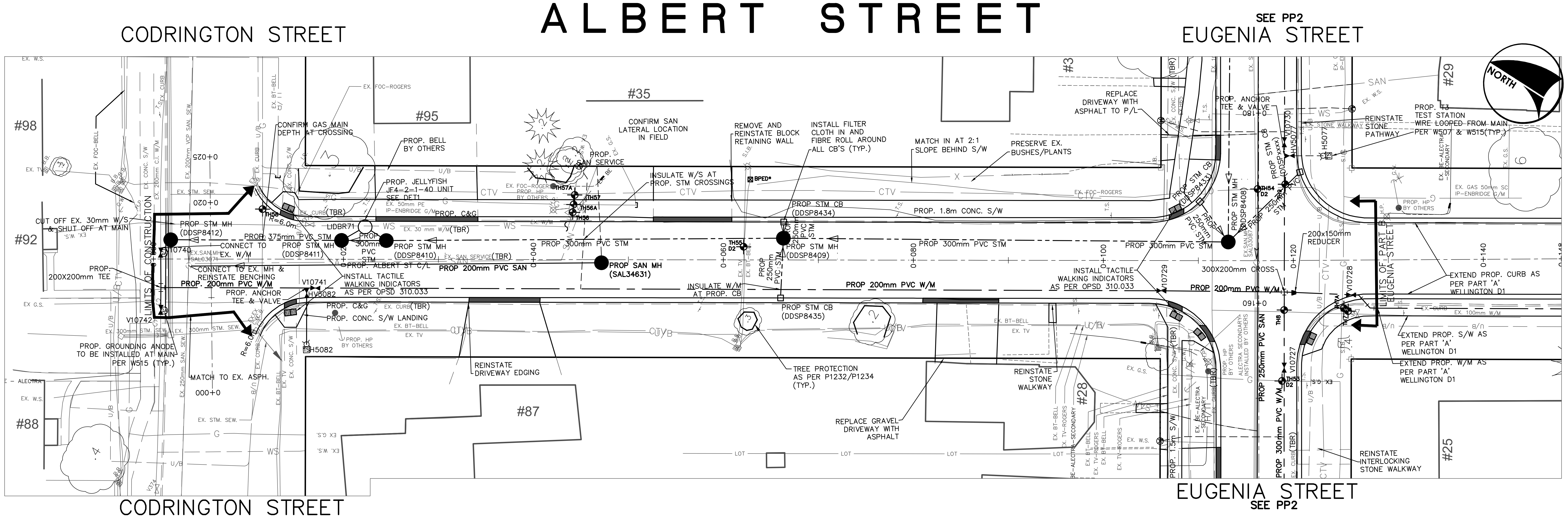
PLAN & PROFILE
STA. 0+620 TO STA. 0+702

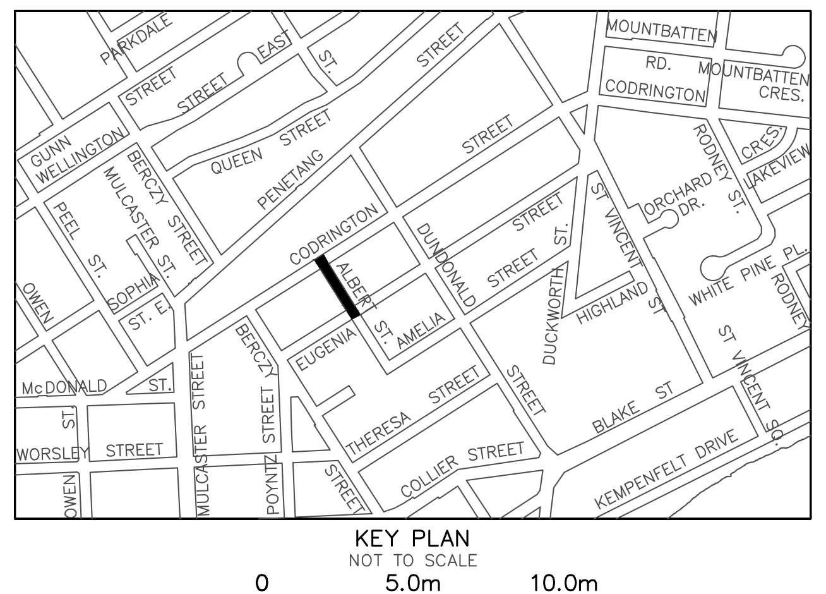
Barrie
INFRASTRUCTURE DEPARTMENT

SCALE HOR. 1:250	VERT. 1:50			CONTRACT NO. 2024–046T
DESIGN J.I.	DRAWN J.I.			SHEET NO. B–PP5
REVIEWED J.H.	DATE 2024.03.15			

5/28/2024 10:14 AM JONATHAN INNES GRAVITY PIPES AND STRUCTURES.DWG

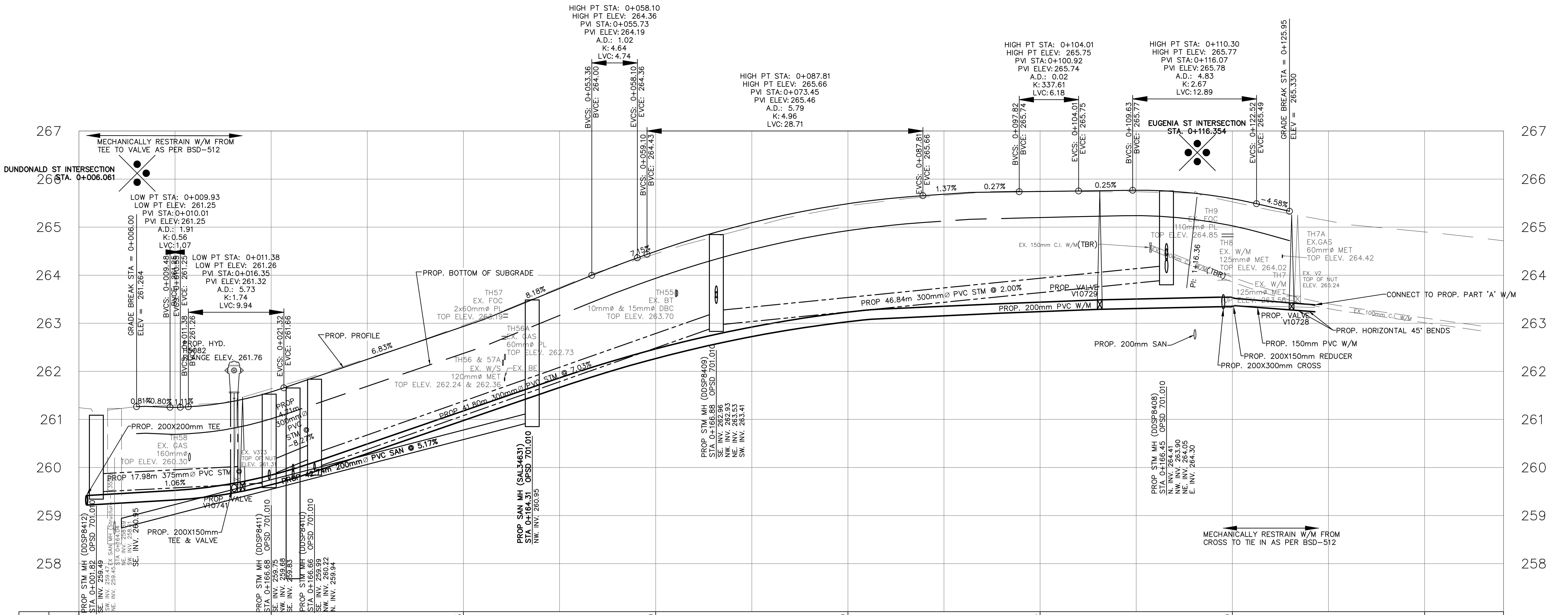
ALBERT STREET





KEY PLAN
NOT TO SCALE
0 5.0m 10.0m

NOTE: COPPER SERVICES THAT ARE NOT STRAIGHT FROM MAIN TO CURB STOP REQUIRE A GROUNDING ROD(GROUNDING ANODE) AT MAINSTOP ALL PEX SERVICES REQUIRE GROUNDING ROD(GROUNDING ANODE) AND COMPRESSION FITTING WITH ELECTRICAL SHOULDER AT CURB STOP



PROP. GRADE @ C/L / EXISTING GRADE @ C/L	0+020	0+040	0+060	0+080	0+100	0+120	0+140
PROP. GRADE @ C/L	261.57	262.93	264.50	265.49	265.74	265.59	
EXISTING GRADE @ C/L	261.64	262.96	264.45	265.44	265.75	265.53	264.90

GENERAL NOTES

REFER TO CURRENT CITY OF BARRIE STANDARDS FOR APPLICABLE GENERAL NOTES.

LOCATIONS OF SANITARY LATERALS ARE APPROXIMATE. VERIFY LOCATIONS IN FIELD.

ALL PROP. SANITARY LATERALS ARE 100mm UNLESS NOTED OTHERWISE. WATER SERVICES ARE 25mm COPPER UNLESS NOTED OTHERWISE.

INSTALL CLEANOUTS AT PROPERTY LINE ON ALL SANITARY SERVICES.

BENCH MARKS

DISTANCE NOTE

DISTANCES SHOWN HEREON ARE GRID DISTANCES AND CAN BE CONVERTED TO GROUND DISTANCES BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.0003.

BEARING NOTE

BEARINGS HEREIN ARE GRID BEARINGS AND ARE DERIVED FROM CONTROL MONUMENTS 01019860463 (N=4916487.812 E=604671.597)AND 03120080028 (N=4917070.929 E=606095.104). AND ARE REFERRED TO THE CENTRAL MERIDIAN (81 DEGREES OF LONGITUDE) IN ZONE, 17 AND ARE BASED ON NAD83 (76 ADJUSTMENT).

BENCH MARK V03120030003 & V3120030002

241.012 – Sophia Creek Culvert at intersection of Sophia Street East & Peel Street. Culvert located on East side of Peel Street. North end of head wall is 8 m East of centerline R.O.W. The vertical Control Monument is set flush in the North end of headwall with handrail. The tablet is centered in the wall in line with handrail and 140 mm below top of wall.
260.583 – RVH Heliport at the West entrance to RVH on Georgian Dr.
The vertical control monument is set flush in the North–East face of the Heliport arrow. The tablet is 1.45 m South–East from the North tip of the Heliport arrow and 55 cm below the top of the arrow structure.
BENCH MARKS WILL BE FROM CITY OF BARRIE VERTICAL CONTROL NETWORK. INITIAL BENCH MARK TO BE OF 2nd ORDER ACCURACY

NO.	REVISIONS	DATE	APPROVED
1.	30% REVIEW	09/20	J.H.
2.	60% REVIEW	06/22	J.H.
3.	90% REVIEW	08/23	J.H.
4.	ISSUED FOR TENDER	12/23	J.H.

CITY OF BARRIE
ACCEPTED
DATE. . . . .
. . . .
DIRECTOR OF INFRASTRUCTURE

PART 'B' EUGENIA STREET RECONSTRUCTION
ALBERT STREET

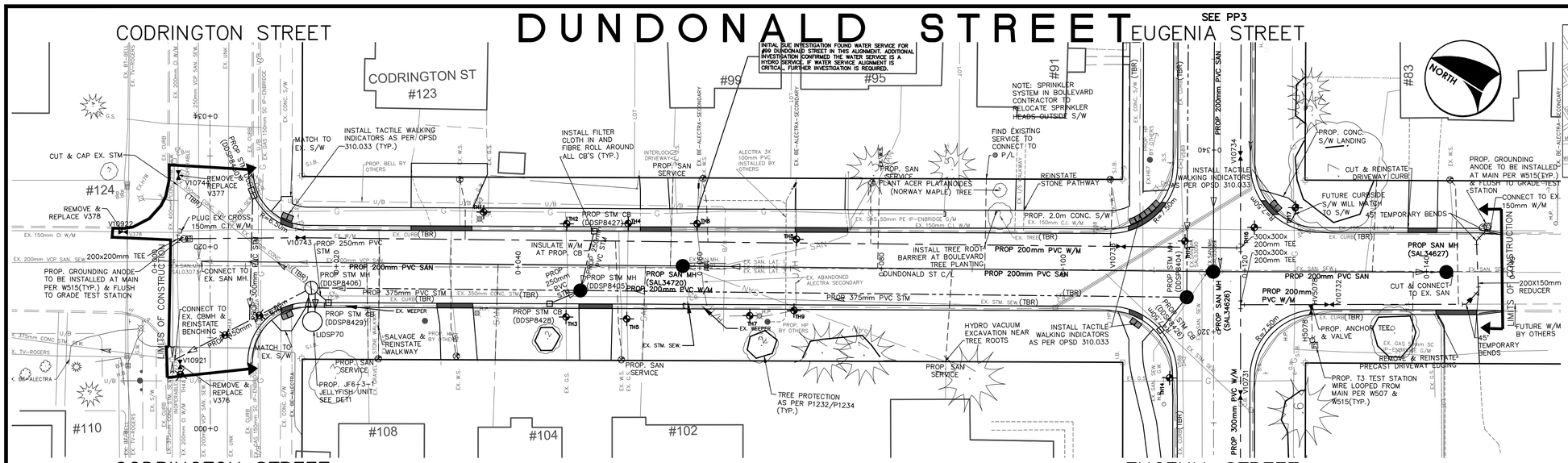
PLAN & PROFILE
STA. 0+000 TO STA. 0+148

Barrie
INFRASTRUCTURE DEPARTMENT

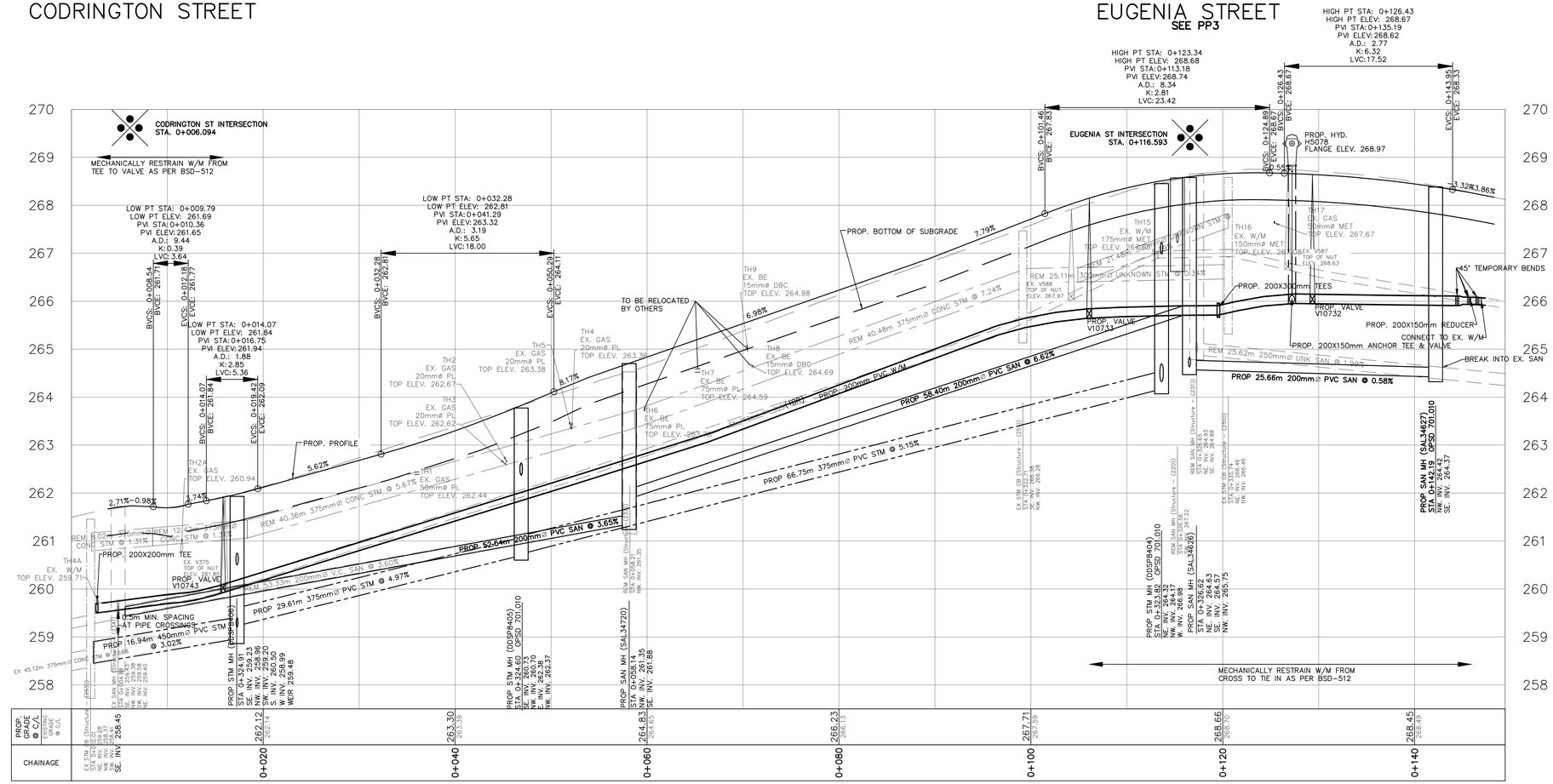
SCALE HOR. 1:250	VERT. 1:50	CONTRACT NO. 2024-046T
DESIGN J.I.	DRAWN J.I.	SHEET NO. B-PP6
REVIEWED J.H.	DATE 2024.03.15	

5/28/2024 10:14 AM JONATHAN INNES GRAVITY PIPES AND STRUCTURES.DWG

DUNDONALD STREET



NOTE: COPPER SERVICES THAT ARE NOT STRAIGHT FROM MAIN TO CURB: STOP REQUIRE A GROUNDING ROD(GROUNDING ANODE) AT MAINSTOP
ALL PEX SERVICES REQUIRE GROUNDING ROD(GROUNDING ANODE) AND COMPRESSION FITTING WITH ELECTRICAL SHOULDER AT CURB STOP



GENERAL NOTES

REFER TO CURRENT CITY OF BARRIE STANDARDS FOR APPLICABLE GENERAL NOTES.

LOCATIONS OF SANITARY LATERALS ARE APPROXIMATE. VERIFY LOCATIONS IN FIELD.

ALL PROP. SANITARY LATERALS ARE 100mm UNLESS NOTED OTHERWISE. WATER SERVICES ARE 25mm COPPER UNLESS NOTED OTHERWISE.

INSTALL CLEANOUTS AT PROPERTY LINE ON ALL SANITARY SERVICES.

BENCH MARKS

DISTANCE NOTE

DISTANCES SHOWN HEREON ARE GRID DISTANCES AND CAN BE CONVERTED TO GROUND DISTANCES BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.0003.

BEARING NOTE

BEARINGS HEREON ARE GRID BEARINGS AND ARE DERIVED FROM CONTROL MONUMENTS 01019860463 (N=4916487.812 E=604671.597)AND 03120080028 (N=4917070.929 E=606095.104). AND ARE REFERRED TO THE CENTRAL MERIDIAN (81 DEGREES 00' LONGITUDE) IN ZONE 17 AND ARE BASED ON NAD83 (76 ADJUSTMENT).

BENCH MARK V031200300003 & V31200300002

241.012 – Sophia Creek Culvert at intersection of Sophia Street East & Peel Street. Culvert located on East side of Peel Street. North end of head wall is 8 m East of centerline R.O.W. The vertical Control Monument is set flush in the North end of headwall with handrail. The tablet is centered in the wall in line with handrail and 140 mm below top of wall.

260.583 – RVH Heliport at the West entrance to RVH on Georgian Dr.
The vertical control monument is set flush in the North-East face of the Heliport arrow. The tablet is 1.45 m South-East from the North tip of the Heliport arrow and 55 cm below the top of the arrow structure.
BENCH MARKS WILL BE FROM CITY OF BARRIE VERTICAL CONTROL NETWORK. INITIAL BENCH MARK TO BE OF 2nd ORDER ACCURACY

NO.	REVISIONS	DATE	APPROVED
1.	30% REVIEW	09/20	J.H.
2.	60% REVIEW	06/22	J.H.
3.	90% REVIEW	08/23	J.H.
4.	ISSUED FOR TENDER	12/23	J.H.

CITY OF BARRIE
ACCEPTED
DATE. . . . . .
. . . . . .
DIRECTOR OF INFRASTRUCTURE

PART 'B' EUGENIA STREET RECONSTRUCTION
DUNDONALD STREET

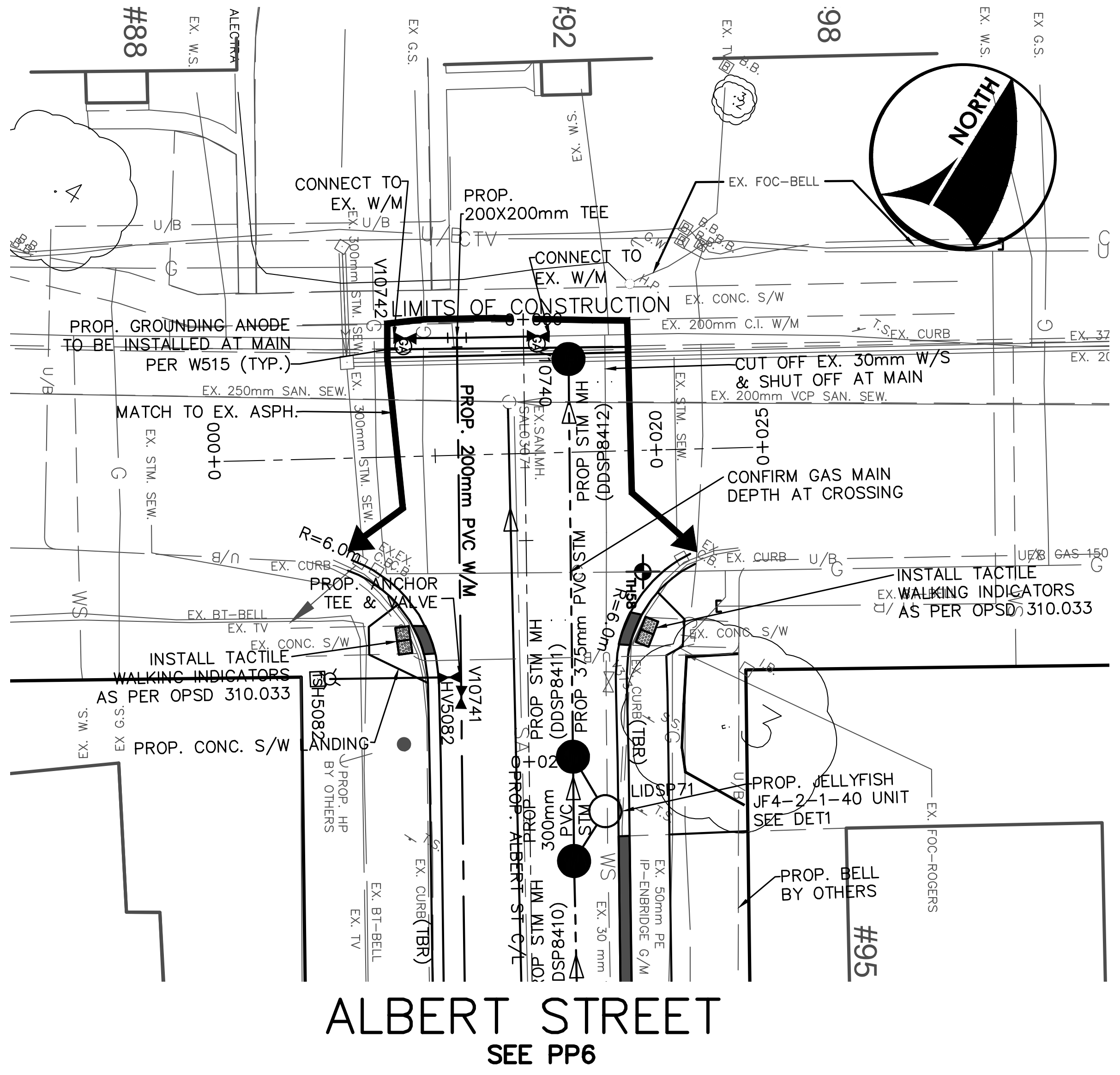
PLAN & PROFILE
STA. 0+000 TO STA. 0+147

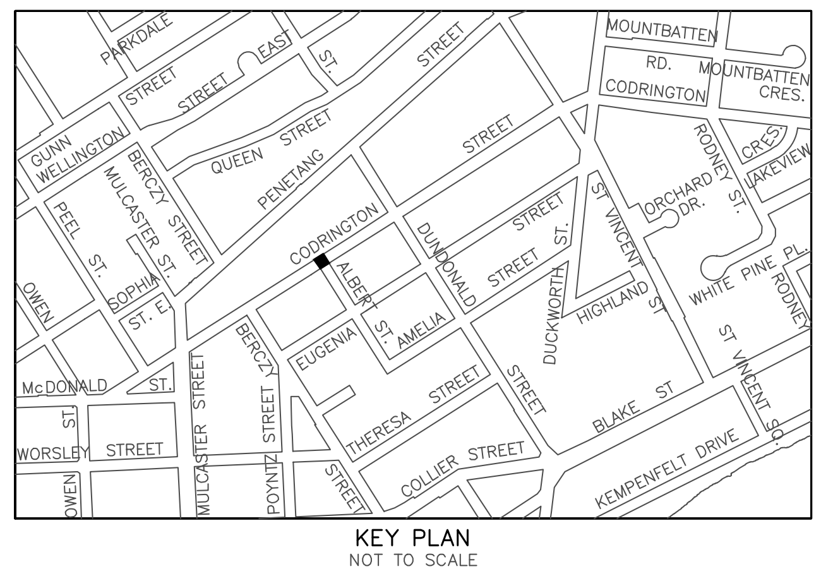
Barrie
INFRASTRUCTURE DEPARTMENT

SCALE HOR.	1:250	VERT.	1:50	CONTRACT NO.	2024–046T
DESIGN	J.I.	DRAWN	J.I.	SHEET NO.	B–PP7
REVIEWED	J.H.	DATE	2024.03.15		

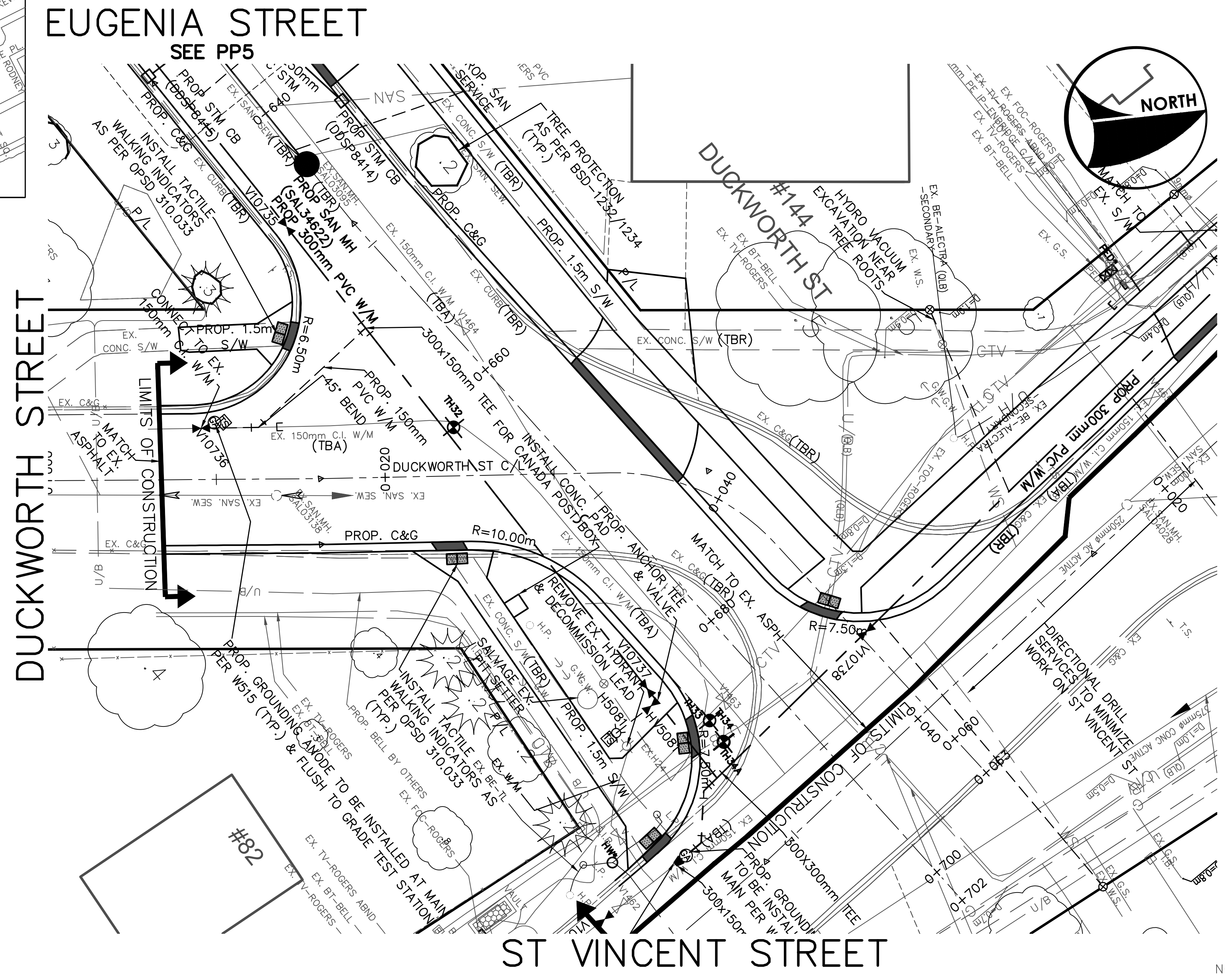
5/29/2024 10:14 AM JONATHAN INNES GRAVITY PIPES AND STRUCTURES.DWG

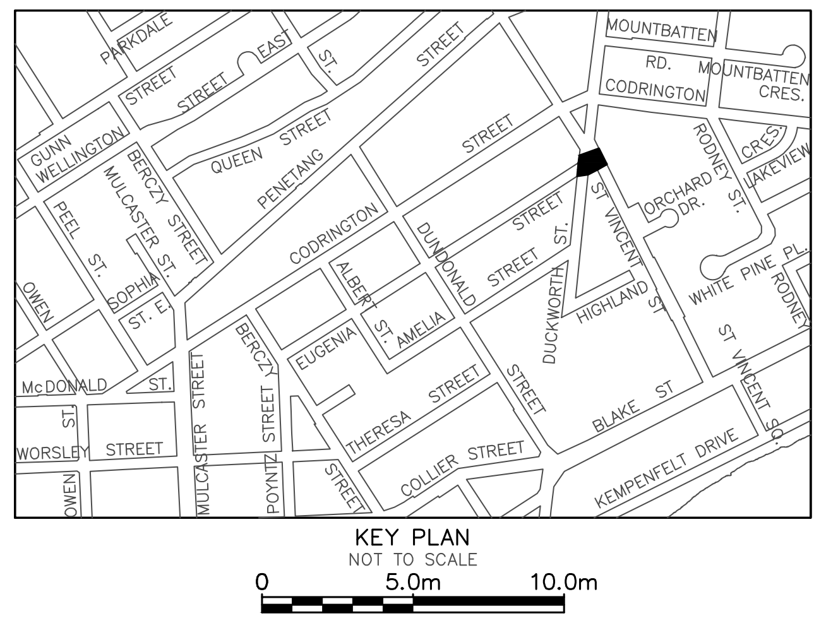
CODRINGTON STREET
@ ALBERT STREET



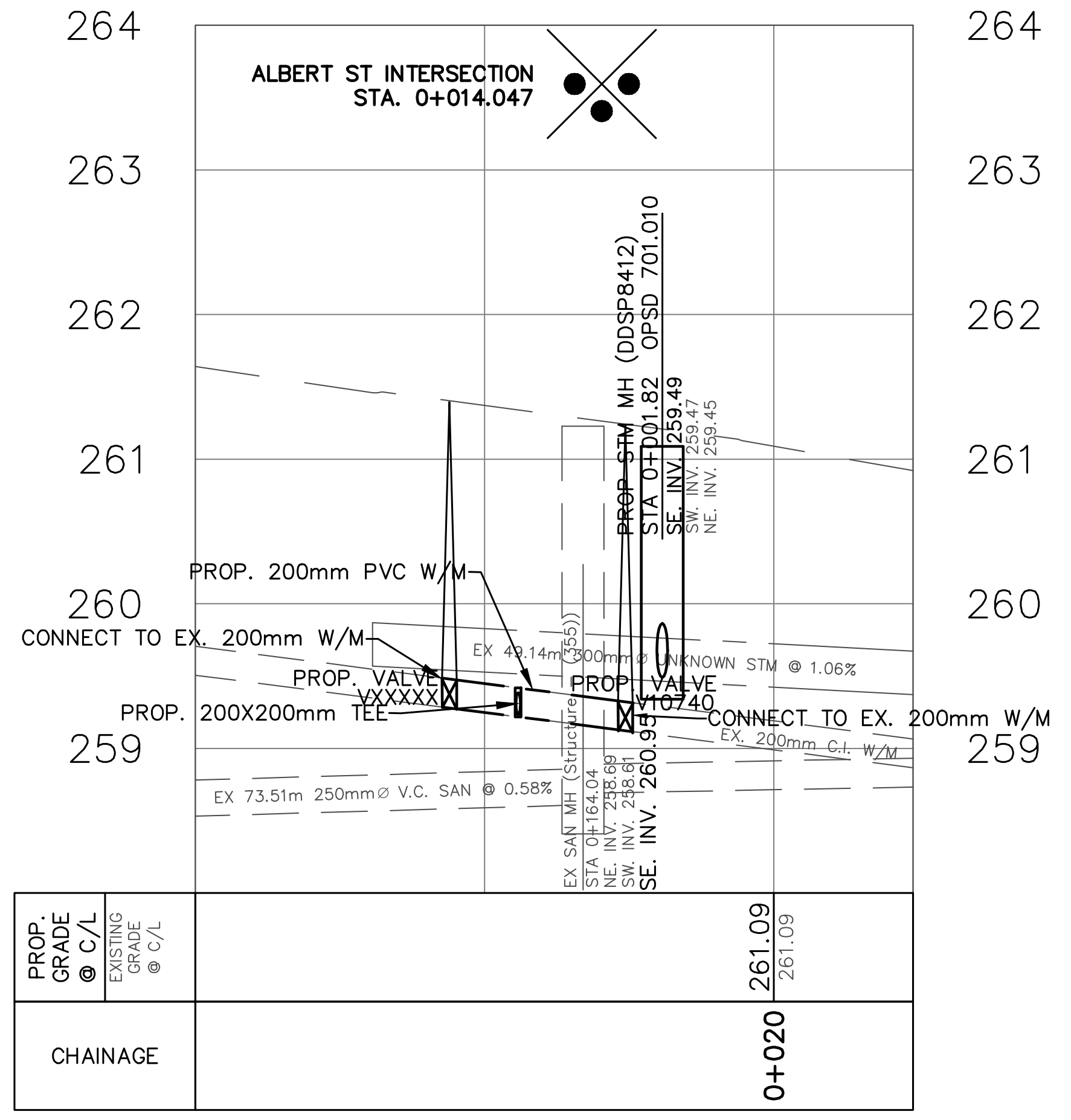

KEY PLAN
NOT TO SCALE

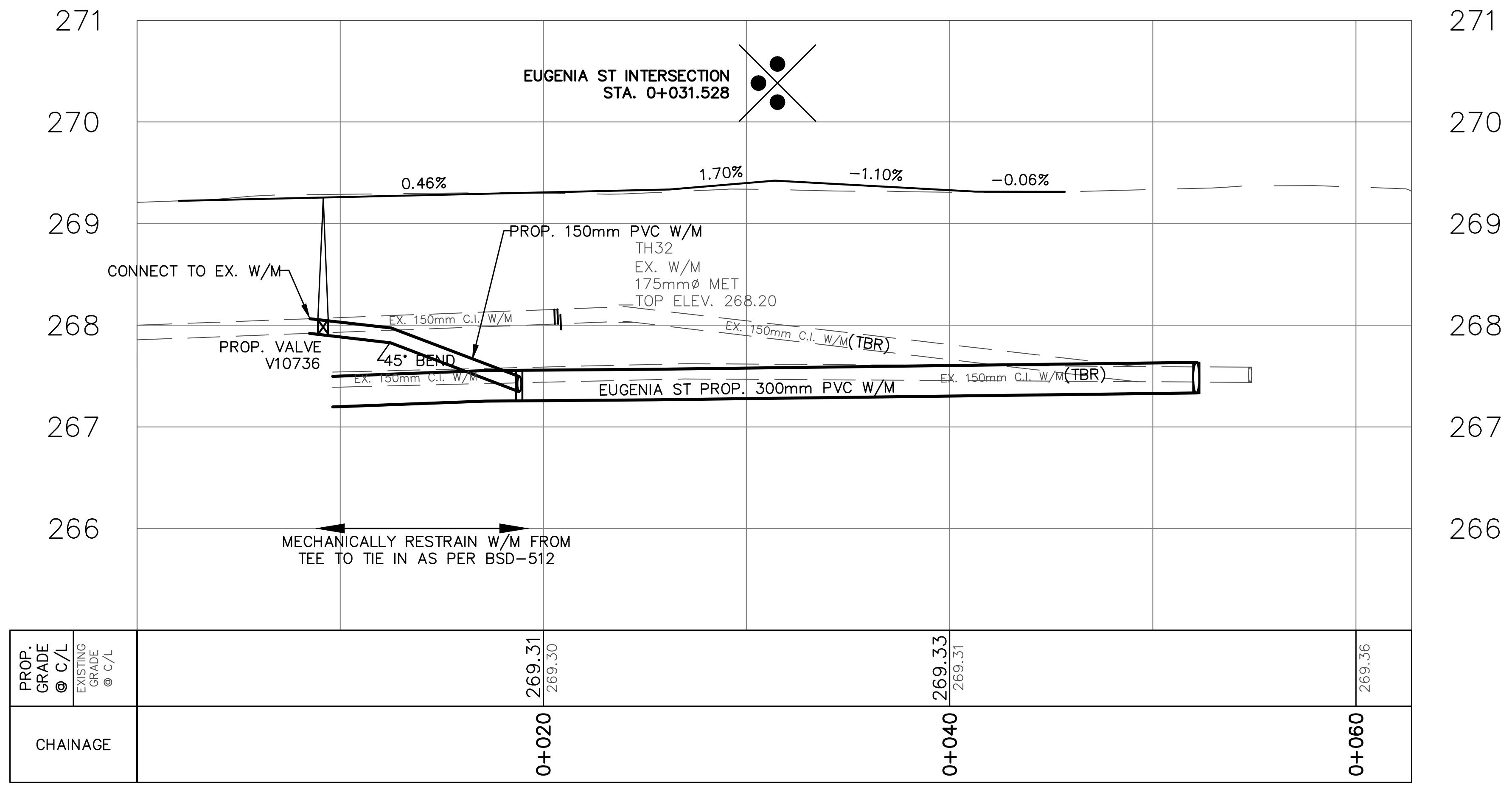
DUCKWORTH STREET




KEY PLAN
NOT TO SCALE

NOTE: COPPER SERVICES THAT ARE NOT STRAIGHT FROM MAIN TO CURB STOP REQUIRE A GROUNDING ROD(GROUNDING ANODE) AT MAINSTOP ALL PEX SERVICES REQUIRE GROUNDING ROD(GROUNDING ANODE) AND COMPRESSION FITTING WITH ELECTRICAL SHOULDER AT CURB STOP





5/28/2024 10:15 AM JONATHAN INNES GRAVITY PIPES AND STRUCTURES.DWG

GENERAL NOTES

REFER TO CURRENT CITY OF BARRIE STANDARDS FOR APPLICABLE GENERAL NOTES.

LOCATIONS OF SANITARY LATERALS ARE APPROXIMATE. VERIFY LOCATIONS IN FIELD.

ALL PROP. SANITARY LATERALS ARE 100mm UNLESS NOTED OTHERWISE. WATER SERVICES ARE 25mm COPPER UNLESS NOTED OTHERWISE.

INSTALL CLEANOUTS AT PROPERTY LINE ON ALL SANITARY SERVICES.

BENCH MARKS

DISTANCE NOTE

DISTANCES SHOWN HEREON ARE GRID DISTANCES AND CAN BE CONVERTED TO GROUND DISTANCES BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.0003.

BEARING NOTE

BEARINGS HEREIN ARE GRID BEARINGS AND ARE DERIVED FROM CONTROL MONUMENTS 01019860463 (N=4916487.812 E=604671.597)AND 03120080028 (N=4917070.929 E=606095.104). AND ARE REFERRED TO THE CENTRAL MERIDIAN (81 DEGREES OF LONGITUDE) IN ZONE, 17 AND ARE BASED ON NAD83 (76 ADJUSTMENT).

BENCH MARK V03120030003 & V3120030002

241.012 – Sophia Creek Culvert at intersection of Sophia Street East & Peel Street. Culvert located on East side of Peel Street. North end of head wall is 8 m East of centerline R.O.W. The vertical Control Monument is set flush in the North end of headwall with handrail. The tablet is centered in the wall in line with handrail and 140 mm below top of wall.
260.583 – RVH Heliport at the West entrance to RVH on Georgian Dr.
The vertical control monument is set flush in the North–East face of the Heliport arrow. The tablet is 1.45 m South–East from the North tip of the Heliport arrow and 55 cm below the top of the arrow structure.
BENCH MARKS WILL BE FROM CITY OF BARRIE VERTICAL CONTROL NETWORK. INITIAL BENCH MARK TO BE OF 2nd ORDER ACCURACY

NO.	REVISIONS	DATE	APPROVED
1.	30% REVIEW	09/20	J.H.
2.	60% REVIEW	06/22	J.H.
3.	90% REVIEW	08/23	J.H.
4.	ISSUED FOR TENDER	12/23	J.H.

CITY OF BARRIE
ACCEPTED
DATE. . . . .
. . . .
DIRECTOR OF INFRASTRUCTURE

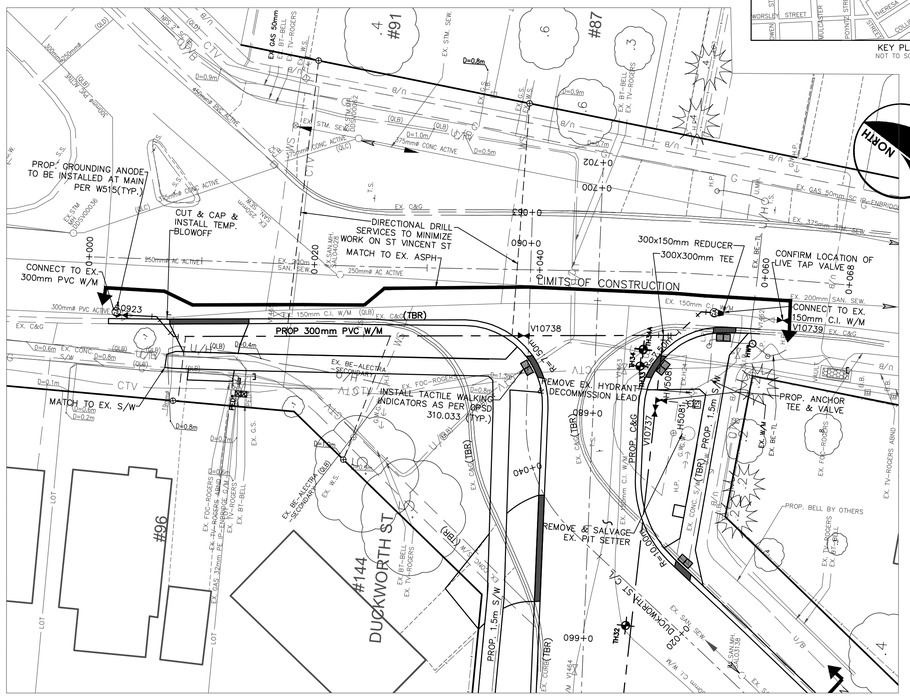
PART 'B' EUGENIA STREET RECONSTRUCTION
CODRINGTON ST @ ALBERT ST & DUCKWORTH ST

PLAN & PROFILE
CODRINGTON STA. 0+000 TO STA. 0+025
DUCKWORTH STA. 0+000 TO STA. 0+063

Barrie
INFRASTRUCTURE DEPARTMENT

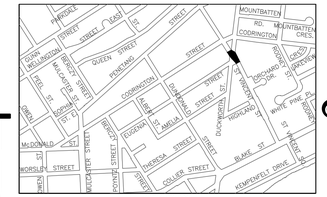
SCALE HOR. 1:250	VERT. 1:50	CONTRACT NO. 2024–046T
DESIGN J.I.	DRAWN J.I.	SHEET NO. B–PP8
REVIEWED J.H.	DATE 2024.03.15	

ST. VINCENT STREET

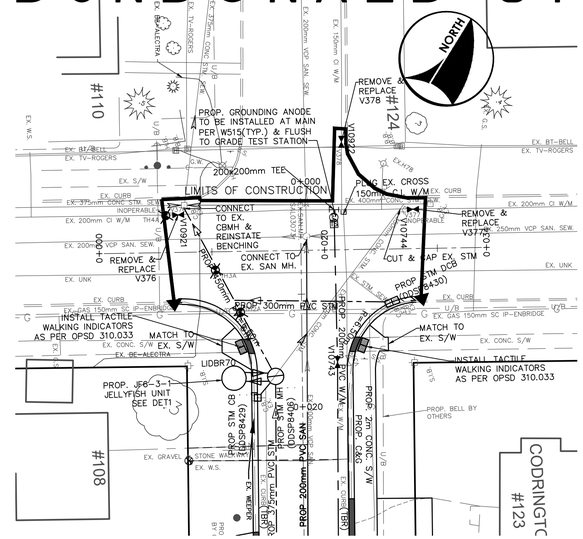


EUGENIA STREET
SEE PP5

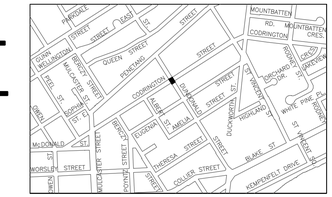
DUCKWORTH STREET

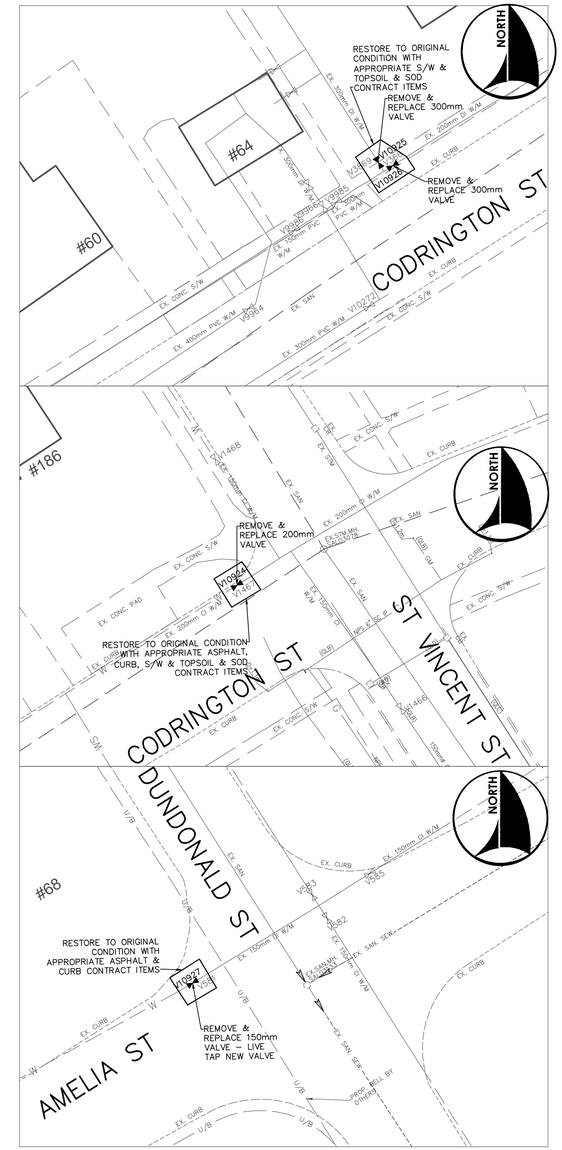


CODRINGTON STREET @ DUNDONALD STREET

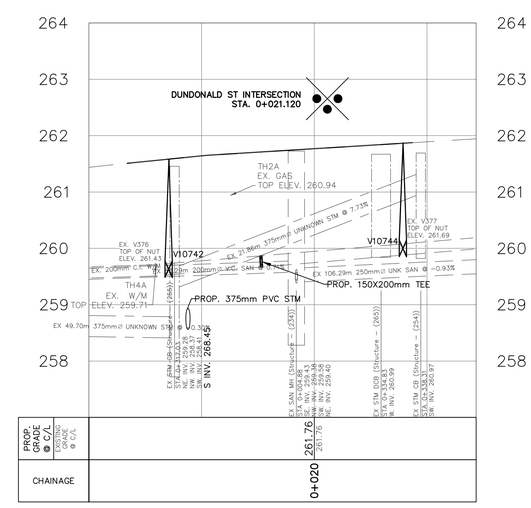


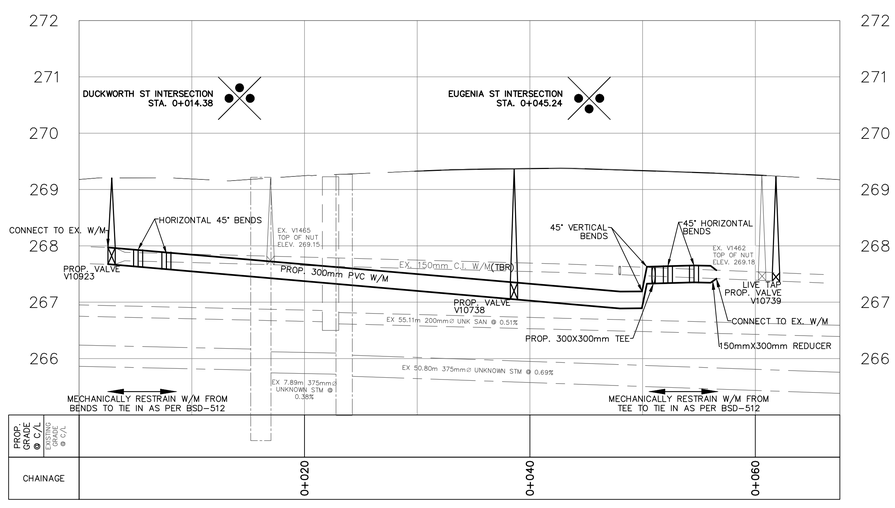
DUNDONALD STREET
SEE PP7





VALVE REPLACEMENTS OUTSIDE WORK LIMITS
NOTE: VALVE LOCATIONS ARE NOT SURVEYED AND ARE TO BE CONFIRMED IN FIELD
SUBSURFACE UTILITY SURVEY WAS NOT COMPLETED FOR THESE LOCATIONS





NOTE: COPPER SERVICES THAT ARE NOT STRAIGHT FROM MAIN TO CURB STOP REQUIRE A GROUNDING ROD(GROUNDING ANODE) AT MAINSTOP. ALL PEX SERVICES REQUIRE GROUNDING ROD(GROUNDING ANODE) AND COMPRESSION FITTING WITH ELECTRICAL SHOULDER AT CURB STOP

GENERAL NOTES

REFER TO CURRENT CITY OF BARRIE STANDARDS FOR APPLICABLE GENERAL NOTES.

LOCATIONS OF SANITARY LATERALS ARE APPROXIMATE. VERIFY LOCATIONS IN FIELD.

ALL PROP. SANITARY LATERALS ARE 100mm UNLESS NOTED OTHERWISE. WATER SERVICES ARE 25mm COPPER UNLESS NOTED OTHERWISE.

INSTALL CLEANOUTS AT PROPERTY LINE ON ALL SANITARY SERVICES.

BENCH MARKS

DISTANCE NOTE

DISTANCES SHOWN HEREON ARE GRID DISTANCES AND CAN BE CONVERTED TO GROUND DISTANCES BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.0003.

BEARING NOTE

BEARINGS HEREON ARE GRID BEARINGS AND ARE DERIVED FROM CONTROL MONUMENTS 01019860463 (N=4916487.812 E=604671.597)AND 03120080028 (N=4917070.929 E=606095.104), AND ARE REFERRED TO THE CENTRAL MERIDIAN (81 DEGREES OF LONGITUDE) IN ZONE 17 AND ARE BASED ON NAD83 (76 ADJUSTMENT).

BENCH MARK V03120030003 & V3120030002

241.012 – Sophia Creek Culvert at intersection of Sophia Street East & Peel Street. Culvert located on East side of Peel Street. North end of head wall is 8 m East of centerline R.O.W. The vertical Control Monument is set flush in the North end of headwall with handrail. The tablet is centered in the wall in line with handrail and 140 mm below top of wall.

260.583 – RVH Heliport at the West entrance to RVH on Georgian Dr.

The vertical control monument is set flush in the North-East face of the Heliport arrow. The tablet is 1.45 m South-East from the North tip of the Heliport arrow and 55 cm below the top of the arrow structure.

BENCH MARKS WILL BE FROM CITY OF BARRIE VERTICAL CONTROL NETWORK. INITIAL BENCH MARK TO BE OF 2nd ORDER ACCURACY

NO.	REVISIONS	DATE	APPROVED
1.	30% REVIEW	09/20	J.H.
2.	60% REVIEW	06/22	J.H.
3.	90% REVIEW	08/23	J.H.
4.	ISSUED FOR TENDER	12/23	J.H.

CITY OF BARRIE
ACCEPTED
DATE. . . . . .
. . . . . .
DIRECTOR OF INFRASTRUCTURE

PART 'B' EUGENIA STREET RECONSTRUCTION
ST. VINCENT ST & CODRINGTON ST @ DUNDONALD ST
PLAN & PROFILE
ST VINCENT STA. 0+000 TO STA. 0+068
CODRINGTON STA. 0+000 TO STA. 0+034

Barrie
INFRASTRUCTURE DEPARTMENT

SCALE HOR. 1:250	VERT. 1:50	CONTRACT NO.	2024–046T
DESIGN J.I.	DRAWN J.I.	SHEET NO.	B–PP9
REVIEWED J.H.	DATE 2024.03.15		

5/28/2024 10:15 AM JONATHAN INNES GRAVITY PIPES AND STRUCTURES.DWG