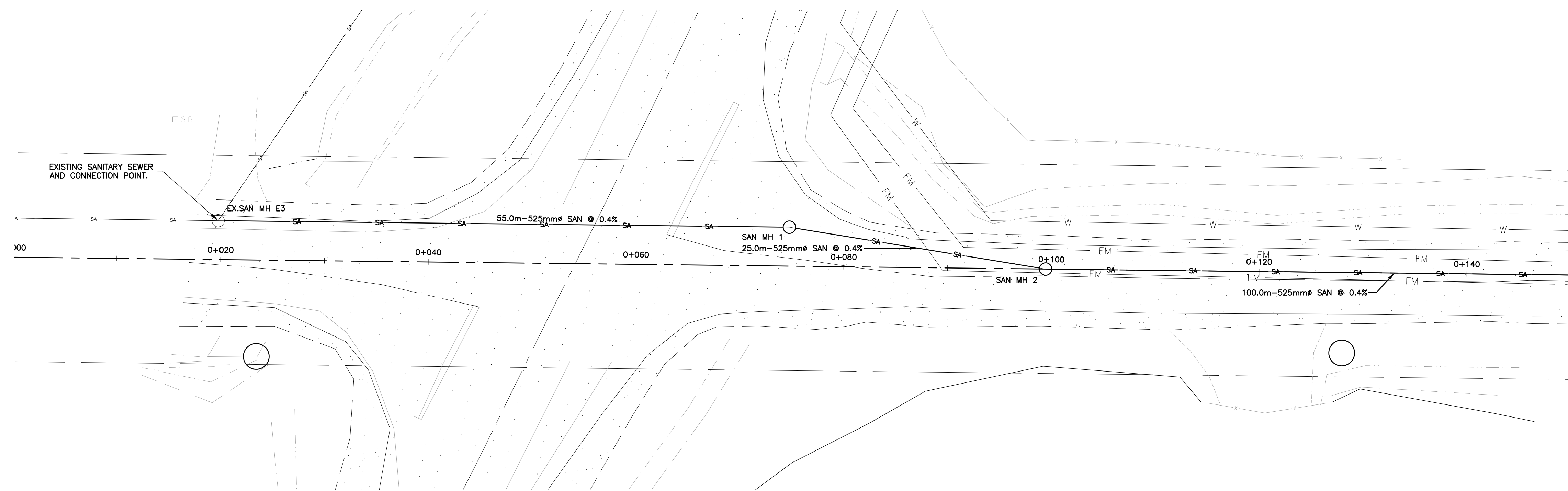


APPENDIX H

PREFERRED ALTERNATIVE TRUNK SANITARY SEWER PLAN AND PROFILE



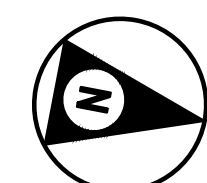
HIGHWAY 26



HIGHWAY 26

LONG POINT ROAD

MATCH LINE - STA. 0+150 (DWG PP.2)



NOTES

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THIS DRAWING IS NOT TO BE SCALED.

1	JA	2022/08/10	ISSUED FOR REVIEW
NO.	BY	DATE	ISSUE / REVISION



PROJECT NAME:
ENV. ASSESSMENT AND PRELIMINARY DESIGN OF CRAIGLEITH WWTP
CLIENT REF: 2021-33-P-OPS

DRAWING TITLE:
PLAN & PROFILE
STA. 0+000 TO STA. 0+150

PROJECT NO:
21-2061

SCALE:
H - 1:250 V - 1:50

DESIGNED BY:
JA

DRAWN BY:
AB

CHECKED BY:
JW

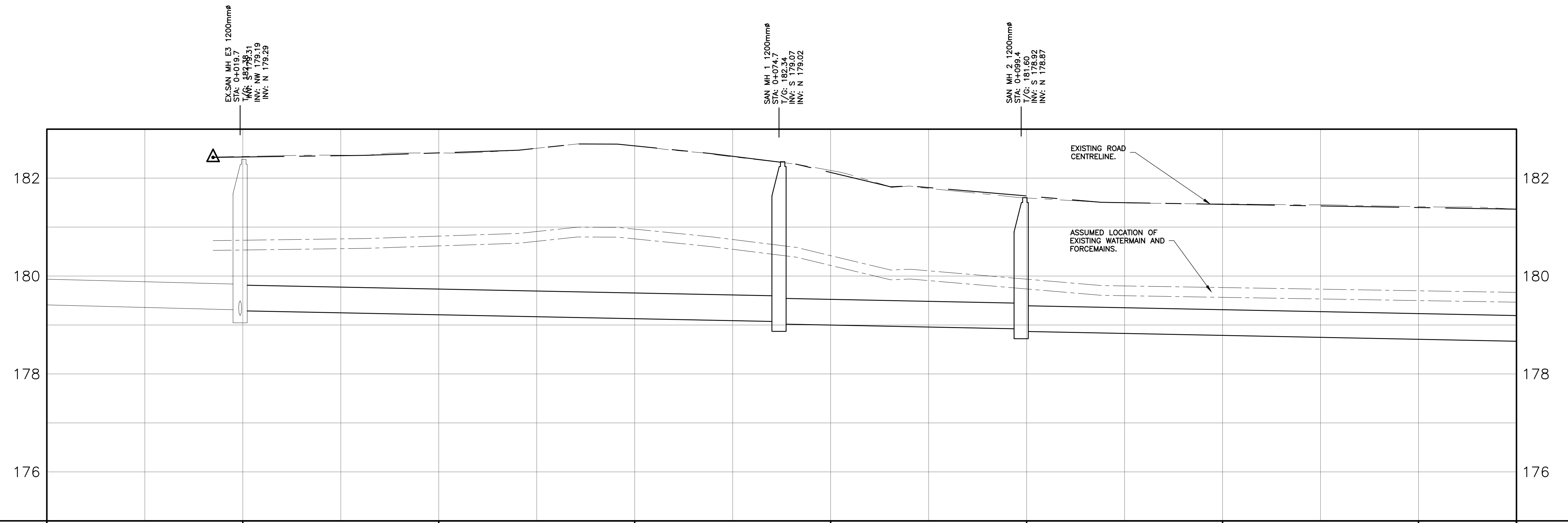
DRAWING NO.:
PP.1

SHEET NO.:
1 OF 4

IF THIS BAR IS NOT 25mm LONG, ADJUST THE PLOTTING SCALE.



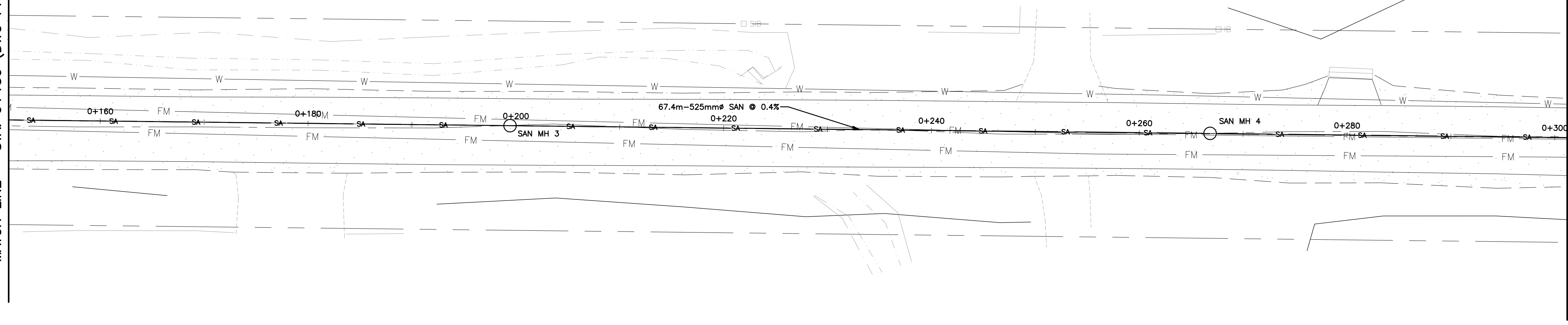
REV: 1



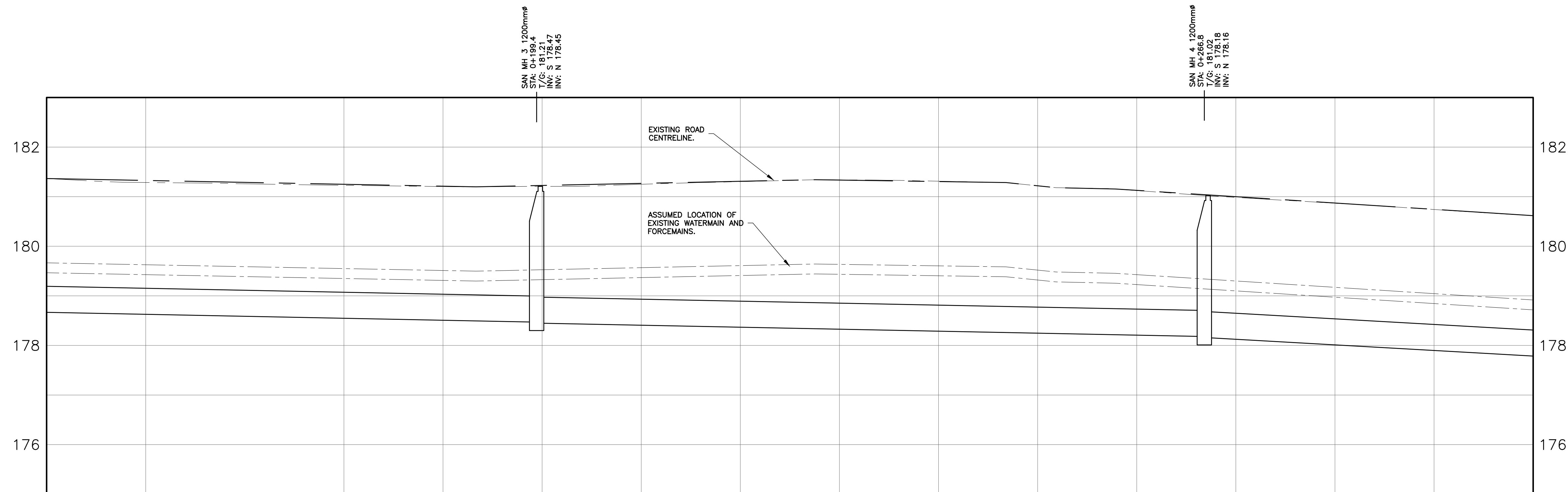
STATION	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+150	STATION
CENTERLINE GRADE	182.44	182.51	182.66	182.16	181.59	181.47	181.42	181.37	CENTERLINE GRADE
TOP OF WATERMAIN	180.73	180.82	180.96	180.42	179.94	179.76	179.70	179.67	TOP OF WATERMAIN
TOP OF FORCEMAIN	180.73	180.82	180.96	180.42	179.94	179.76	179.70	179.67	TOP OF FORCEMAIN
EXISTING STORM SEWER INVERT									EXISTING STORM SEWER INVERT
EXISTING SANITARY SEWER INVERT									EXISTING SANITARY SEWER INVERT
SANITARY SEWER INVERT	179.83	179.31	179.29	179.07	178.87	178.87	178.47	178.47	SANITARY SEWER INVERT
	NEW 99.69m 525mm# SANITARY SEWER @ 0.52%		NEW 55.00m 525mm# SANITARY SEWER @ 0.40%		NEW 25.00m 525mm# SANITARY SEWER @ 0.40%		NEW 100.00m 525mm# SANITARY SEWER @ 0.40%		

MATCH LINE - STA. 0+150 (DWG PP.1)

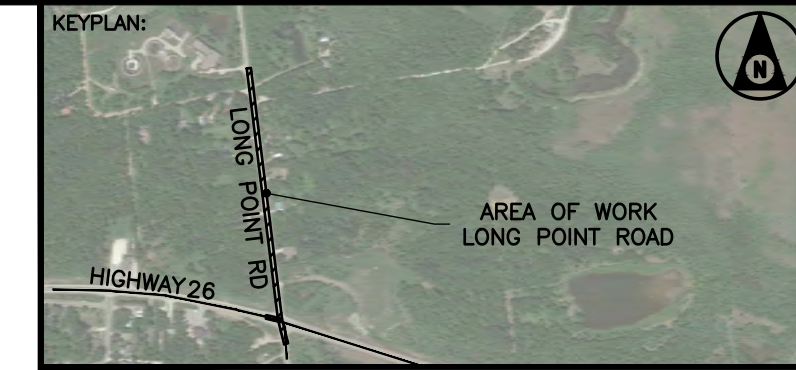
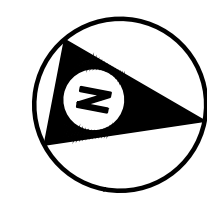
MATCH LINE - STA. 0+300 (DWG PP.3)



LONG POINT ROAD



STATION	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300	STATION
CENTERLINE GRADE	EXISTING 181.37	EXISTING 181.29	EXISTING 181.23	EXISTING 181.21	EXISTING 181.30	EXISTING 181.31	EXISTING 181.12	EXISTING 180.87	EXISTING 180.62
TOP OF WATERMAIN	NEW 179.67	EXISTING 179.63	EXISTING 179.55	EXISTING 179.53	EXISTING 179.61	EXISTING 179.61	EXISTING 179.43	EXISTING 179.17	EXISTING 180.87
TOP OF FORCEMAIN	NEW 179.67	NEW 179.63	NEW 179.55	NEW 179.53	NEW 179.61	NEW 179.61	NEW 179.43	NEW 179.17	NEW 180.87
EXISTING STORM SEWER INVERT									
EXISTING SANITARY SEWER INVERT									
SANITARY SEWER INVERT	178.87	NEW 100.00m 525mm# SANITARY SEWER @ 0.40%		178.42	NEW 67.38m 525mm# SANITARY SEWER @ 0.40%		178.16	NEW 132.62m 525mm# SANITARY SEWER @ 1.13%	



NOTES

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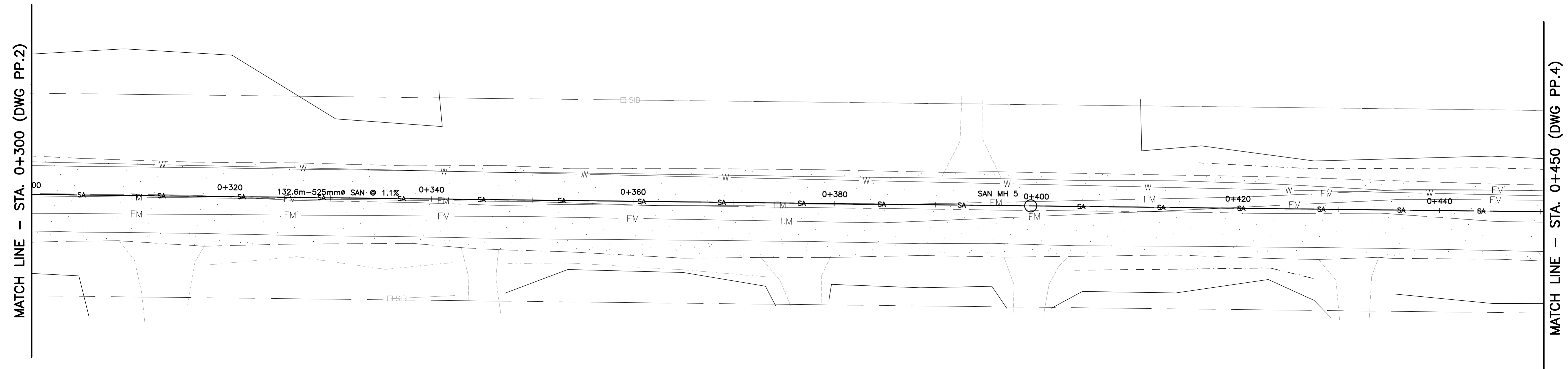
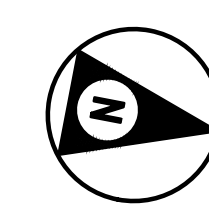
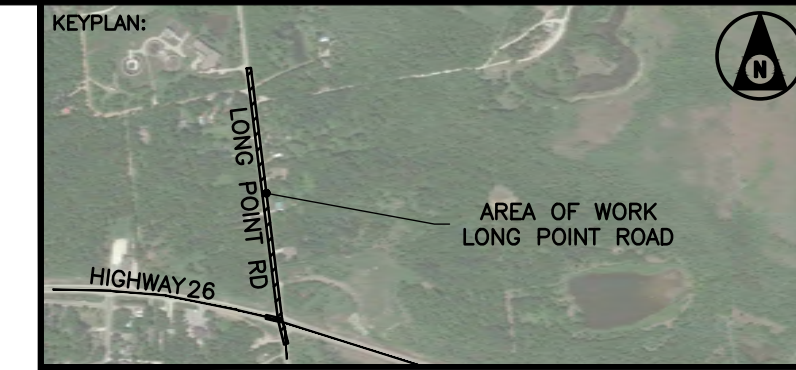
NO.	BY	DATE	ISSUE / REVISION
1	JA	2022/08/10	ISSUED FOR REVIEW



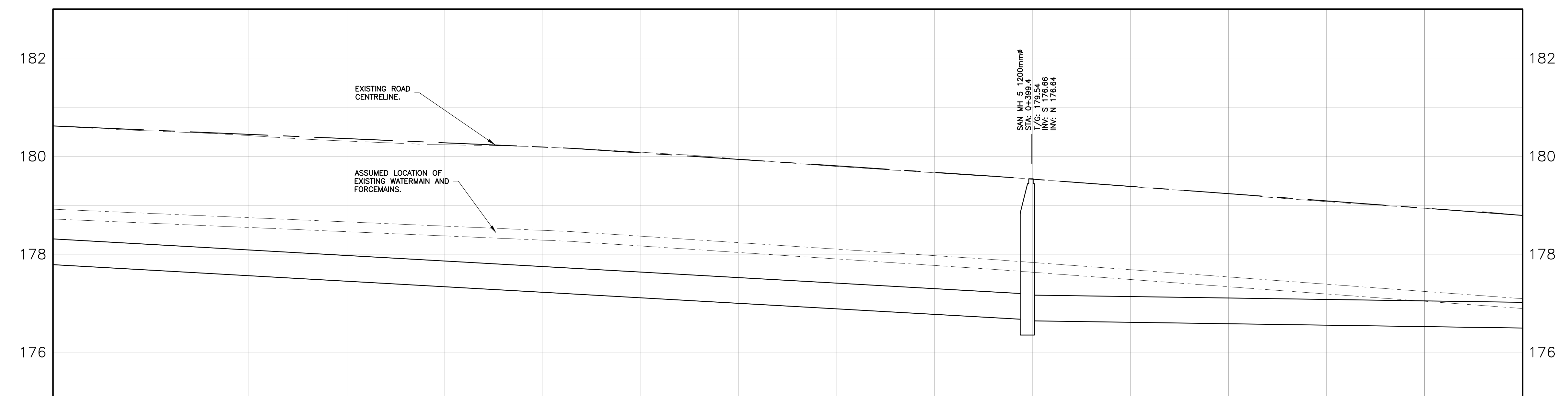
PROJECT NAME:
ENV. ASSESSMENT AND PRELIMINARY DESIGN OF CRAIGHLEITH WWTP
CLIENT REF: 2021-33-P-OPS

DRAWING TITLE:
PLAN & PROFILE
STA. 0+150 TO STA. 0+300

PROJECT NO: 21-2061	DATE: 2022/08/10
SCALE: H - 1:250 V - 1:50	IF THIS BAR IS NOT 25mm LONG, ADJUST THE PLOTTING SCALE.
DESIGNED BY: JA	
DRAWN BY: AB	25mm
CHECKED BY: JW	
DRAWING NO.:	REV:



LONG POINT ROAD



STATION	0+320		0+340		0+360		0+380		0+400		0+420		0+440		0+450		STATION
CENTERLINE GRADE	EXISTING	FINISHED	EXISTING	FINISHED	EXISTING	FINISHED	EXISTING	FINISHED	EXISTING	FINISHED	EXISTING	FINISHED	EXISTING	FINISHED	EXISTING	FINISHED	CENTERLINE GRADE
TOP OF WATERMAIN	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	TOP OF WATERMAIN
TOP OF FORCEMAIN	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	TOP OF FORCEMAIN
EXISTING STORM SEWER INVERT																	EXISTING STORM SEWER INVERT
EXISTING SANITARY SEWER INVERT																	EXISTING SANITARY SEWER INVERT
SANITARY SEWER INVERT	NEW 132.6m 525mm ^ø SANITARY SEWER @ 1.13%								NEW 113.36m 525mm ^ø SANITARY SEWER @ 0.29%								SANITARY SEWER INVERT
	178.16	180.42	180.23	180.23	180.08	180.08	179.79	179.79	179.53	179.53	179.24	179.24	178.94	178.94	178.79	178.79	

NOTES

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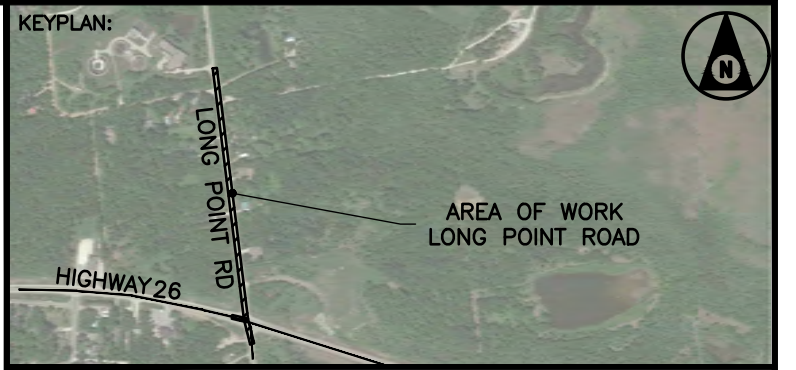
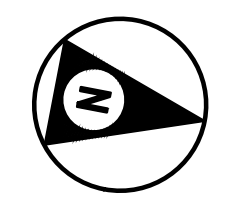
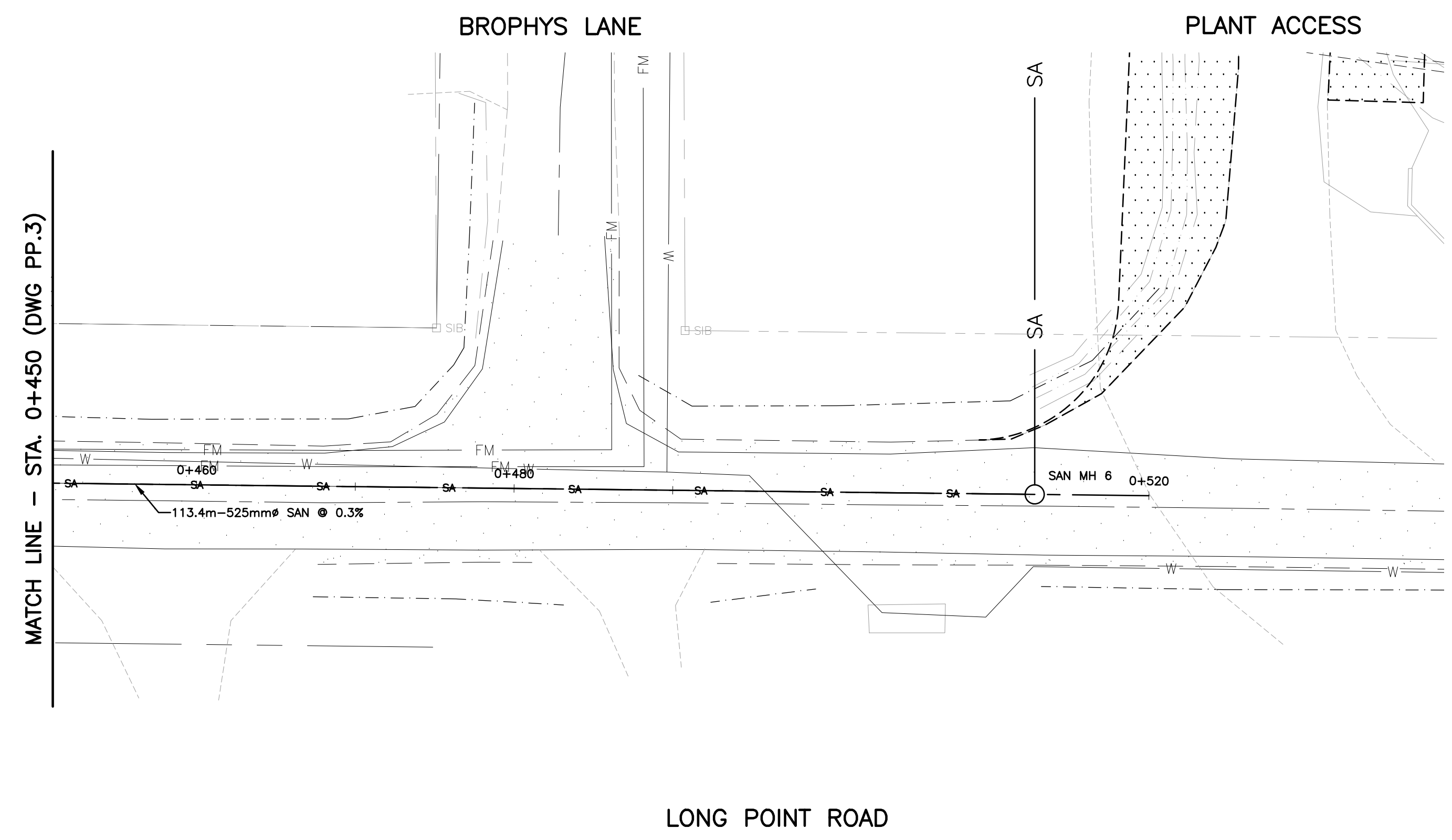
NO.	BY	DATE	ISSUE / REVISION
1	JA	2022/08/10	ISSUED FOR REVIEW



PROJECT NAME: ENV. ASSESSMENT AND PRELIMINARY DESIGN OF CRAIGLEITH WWTP
CLIENT REF: 2021-33-P-OPS

DRAWING TITLE: PLAN & PROFILE STA. 0+300 TO STA. 0+450

PROJECT NO: 21-2061 DATE: 2022/08/10
SCALE: H - 1:250 V - 1:50
DESIGNED BY: JA
DRAWN BY: AB
CHECKED BY: JW
IF THIS BAR IS NOT 25mm LONG, ADJUST THE PLOTTING SCALE.



NOTES

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THIS DRAWING IS NOT TO BE SCALED.

NO.	BY	DATE	ISSUE / REVISION
1	JA	2022/08/10	ISSUED FOR REVIEW



PROJECT NAME:
ENV. ASSESSMENT AND PRELIMINARY DESIGN OF CRAIGHLEITH WWTP
CLIENT REF: 2021-33-P-OPS

DRAWING TITLE:
PLAN & PROFILE
STA. 0+450 TO STA. 0+500

PROJECT NO:
21-2061

DATE:
2022/08/10

SCALE:
H - 1:250 V - 1:50

DESIGNED BY:
JA

IF THIS BAR IS NOT 25mm LONG, ADJUST THE PLOTTING SCALE.

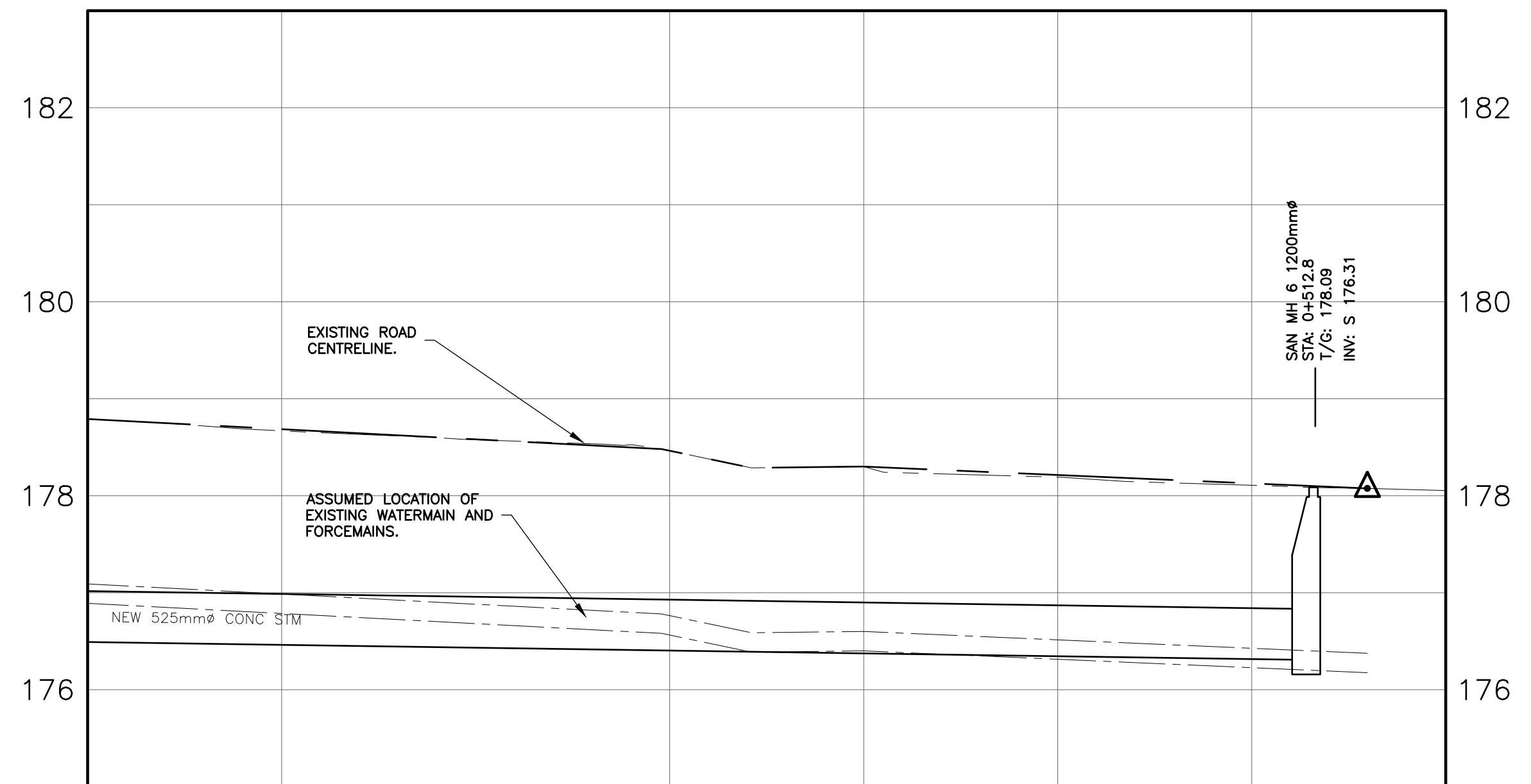
DRAWN BY:
AB

CHECKED BY:
JW

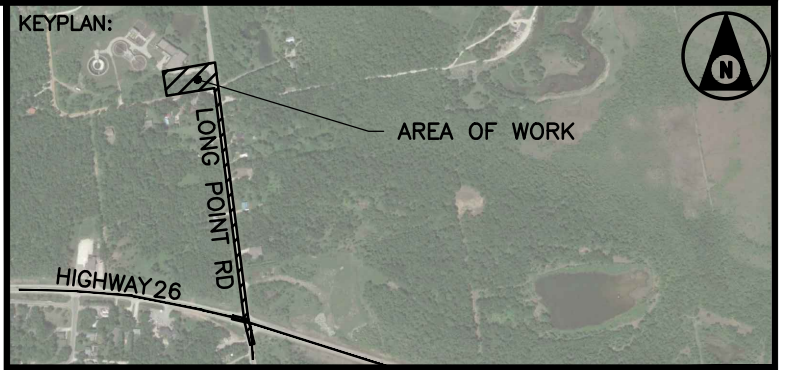
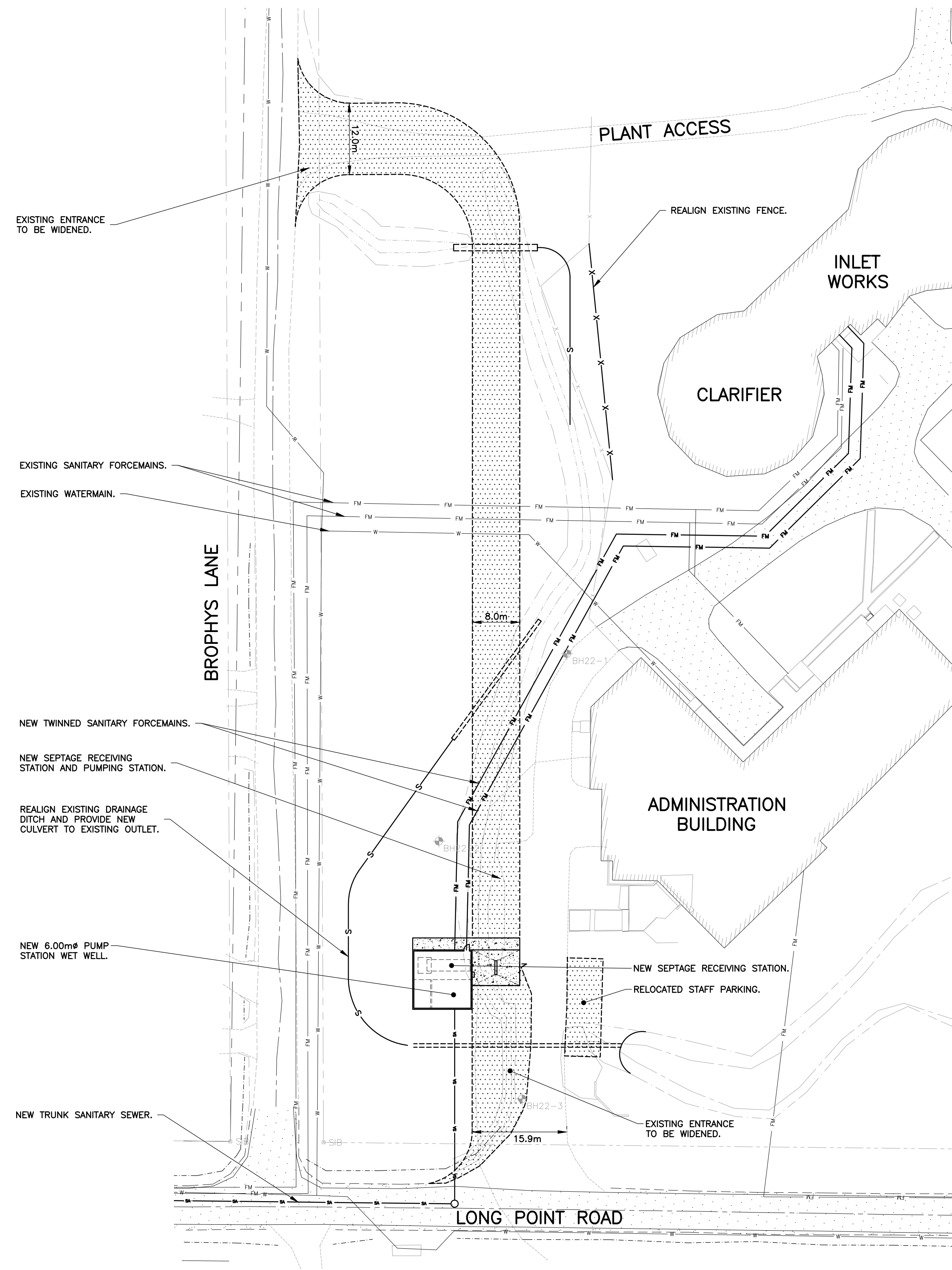
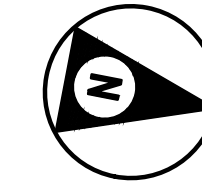
25mm

DRAWING NO.: _____ REV: 1

SHEET NO.: 4 OF 4



STATION	STATION	STATION	STATION
0+460	0+480	0+500	0+520
CENTERLINE GRADE EXISTING FINISHED 178.79	178.63 178.67	178.19 178.19	178.05 178.05
TOP OF WATERMAIN NEW EXISTING 177.09	176.99	176.51	176.05 NEW EXISTING
TOP OF FORCEMAIN NEW EXISTING 177.09	176.99	176.51	176.05 NEW EXISTING
EXISTING STORM SEWER INVERT			EXISTING STORM SEWER INVERT
EXISTING SANITARY SEWER INVERT			EXISTING SANITARY SEWER INVERT
SANITARY SEWER INVERT 178.64	NEW 113.36m 525mm# SANITARY SEWER @ 0.29%		SANITARY SEWER INVERT 176.31



BENCHMARK:
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NO.	BY	DATE	ISSUE / REVISION
1	JA	2023/03/27	ISSUED FOR REPORT



PROJECT NAME:
ENV. ASSESSMENT AND PRELIMINARY DESIGN OF CRAIGLEITH WWTP
CLIENT REF: 2021-33-P-OPS

DRAWING TITLE:
SITE PLAN PROPOSED LAYOUT

PROJECT NO: 21-2061	DATE: 2022/08/10
SCALE: 1:500	IF THIS BAR IS NOT 25mm LONG, ADJUST THE PLOTTING SCALE.
DESIGNED BY: AT	
DRAWN BY: AT	25mm
CHECKED BY: JW	

DRAWING NO.: SP.1
SHEET NO.: 1 OF 1
REV: 1