

8:4405-GHD--XX--XX-DRG-CI-D022.dwg

THE LOCATION OF UTILITIES IS APPROXIMATE ONLY, AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED.



GHD Ltd.
455 Phillip Street
Waterloo, Ontario N2L 3X2 Canada
T 1 519 884 0510 F 1 519 884 0525
Conditions of Use

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.

No.	DATE	REVISIONS	BY
1	2023-09-29	ISSUED FOR YRSW PROJECT REPORT	T.C.

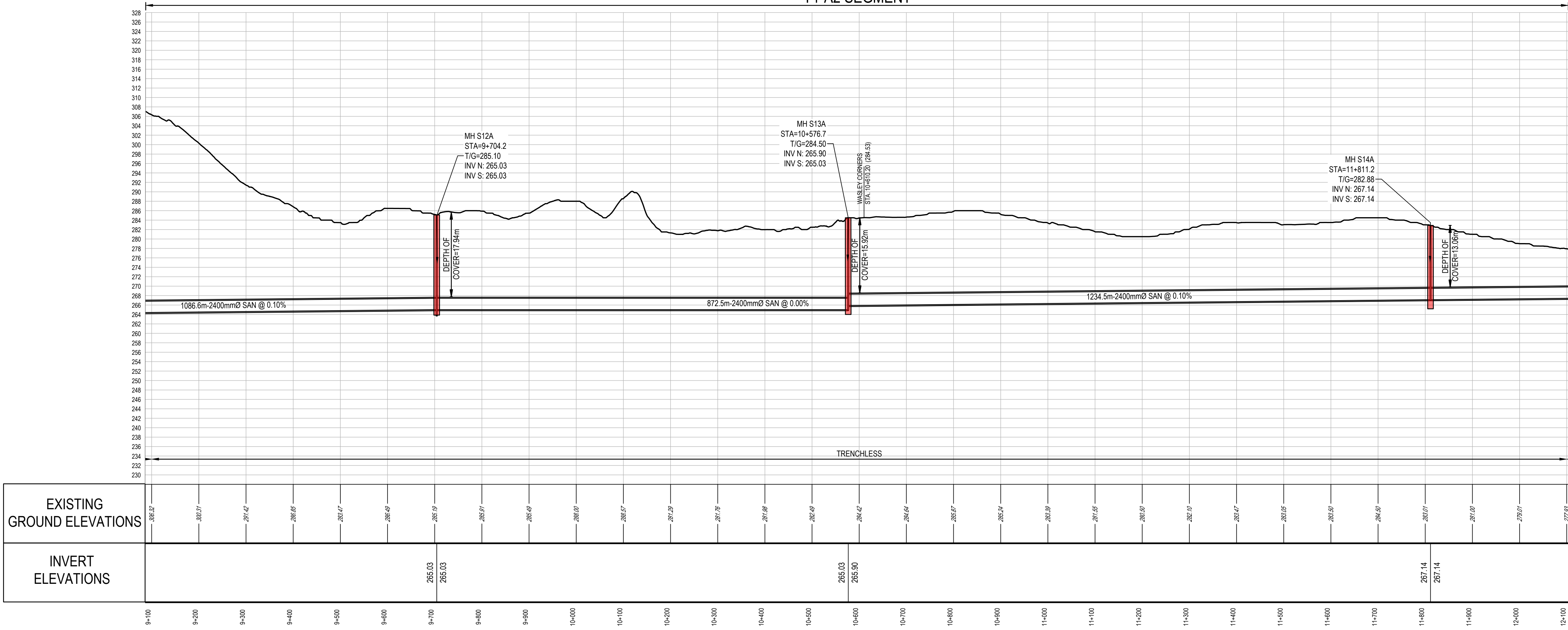


Environmental
Services

DATE APR. 2023
DESIGN H.M.
DRAWN E.Lee
CHECKED M.Blouin

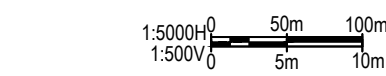
YORK REGION SEWAGE WORKS NORTH YDSS EXPANSION
Y1-A LESLIE ST TRUNK SWR PHASES 1&2 PLAN & PROFILE STA. 9+100 TO 12+100

SCALE 1:5000
DWG. NO. CI-D022
CONT. NO. 0
SHEET NO. 22

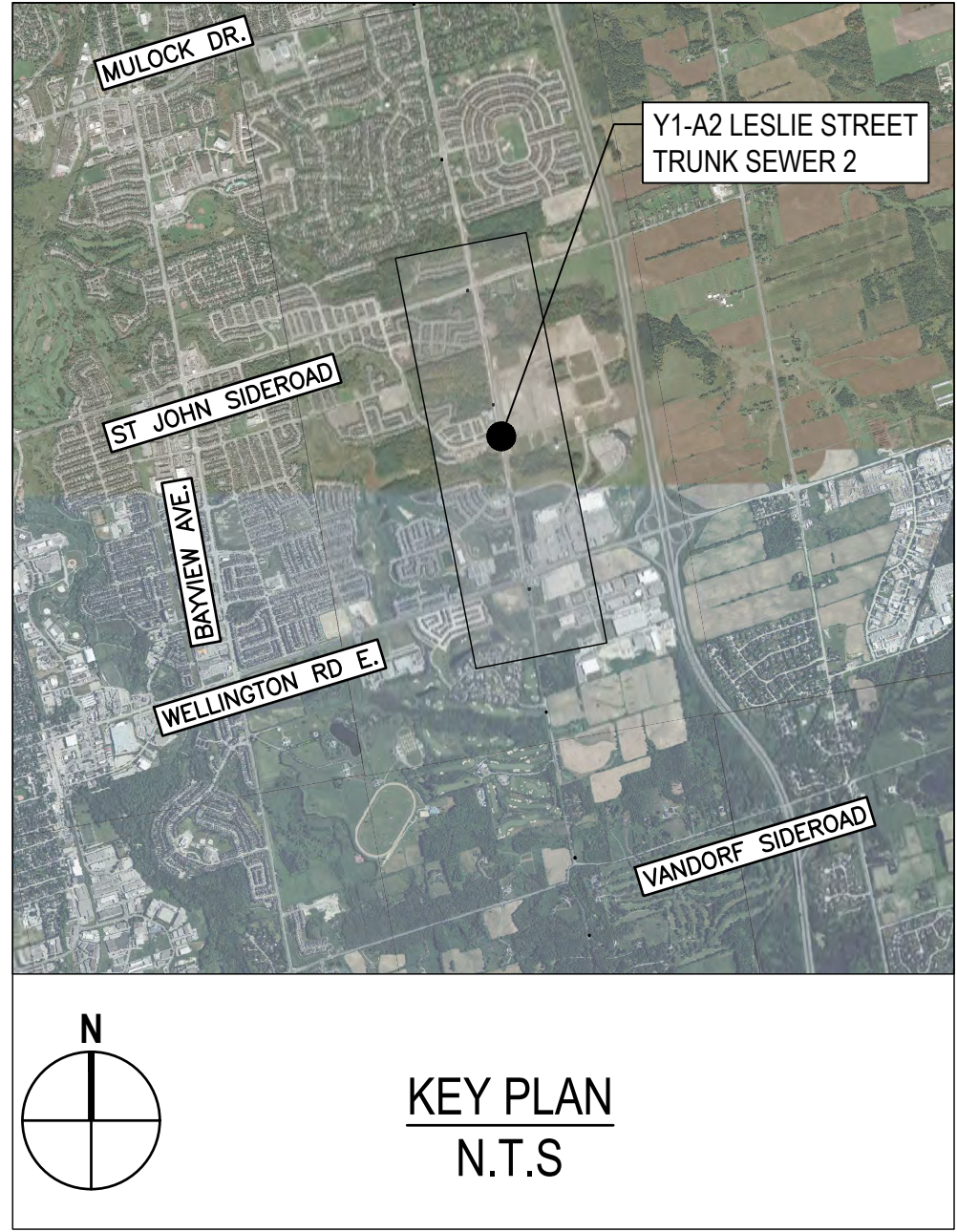


GENERAL NOTES:

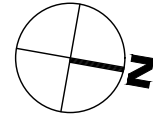
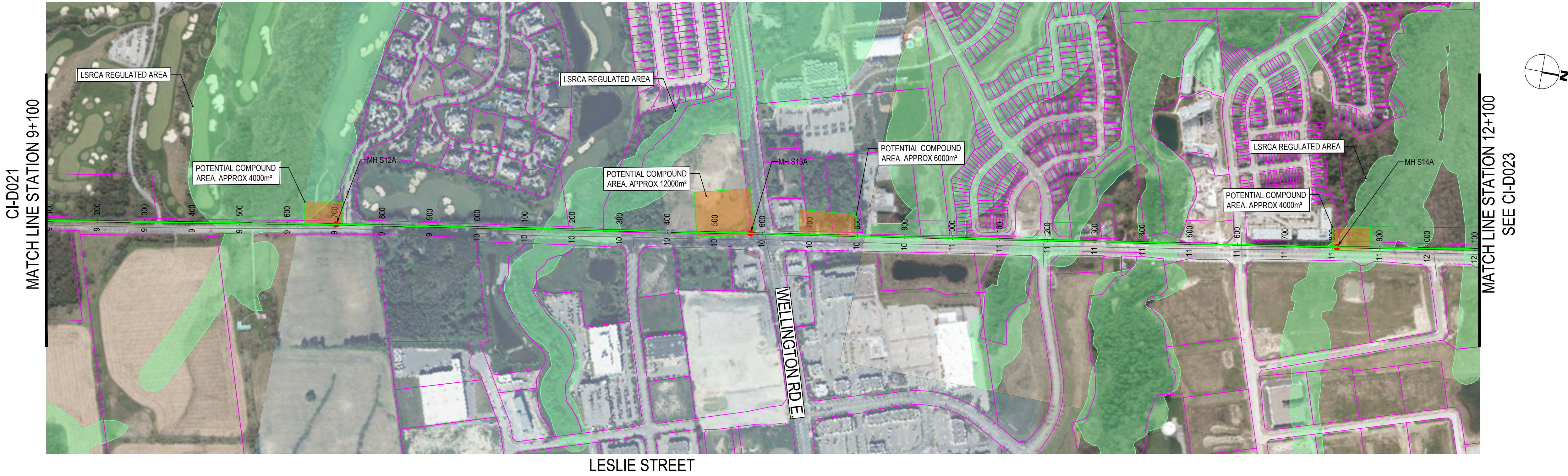
- THE HORIZONTAL AND VERTICAL ALIGNMENTS PRESENTED ON THIS SET OF DRAWINGS IS BASED ON A CONCEPTUAL DESIGN CREATED AS A PROOF OF CONCEPT TO CONVEY ANTICIPATED WASTEWATER FLOWS AS OUTLINED IN THE PROJECT REPORT. THE FINAL LOCATIONS AND ELEVATIONS OF PUMP STATIONS, GRAVITY SEWERS, FORCEMAINS, AND OTHER SUPPORTING INFRASTRUCTURE ARE CONCEPTUAL AND SUBJECT TO REVISION WITHIN THE STUDY AREAS FOLLOWING FURTHER FIELD INVESTIGATION, UTILITY COORDINATION, AND DESIGN.
- ALL ALIGNMENTS ARE SUBJECT TO CONSIDERATION OF CONCURRENT PROJECTS BY OTHER STAKEHOLDERS.
- THE VERTICAL PROFILE IS SUBJECT TO CHANGE BASED ON DETAILED ENGINEERING INVESTIGATIONS AND ENGINEERING ANALYSIS. DEPTH OF SEWER INVERTS AND SHAFTS MAY BE ADJUSTED TO SUIT HYDRAULIC IMPROVEMENTS, CLEARANCES BELOW WATER BODIES, EXISTING INFRASTRUCTURE, AND GEOTECHNICAL AND HYDROGEOLOGICAL CONDITIONS.
- POTENTIAL COMPOUND AREAS ARE IDENTIFIED ON THE DRAWINGS AND ARE SUBJECT TO CHANGE IN SIZE, SHAPE, LOCATION AND QUANTITY IN ORDER TO SUPPORT CONSTRUCTION ACTIVITIES.
- WHERE CONCEPT DESIGN LOCATIONS ARE LOCATED WITHIN CONSERVATION AUTHORITY REGULATED AREAS, FURTHER INVESTIGATION WILL BE UNDERTAKEN TO DETERMINE AND MINIMIZE IMPACTS. IF CONSTRUCTION WITHIN A FLOODPLAIN AREA CANNOT BE AVOIDED THEN THE LOCATIONS WHERE FLOODPLAIN STORAGE OR COMPENSATION COULD BE ACCOMMODATED WILL BE IDENTIFIED DURING DESIGN.
- REGION OF YORK ORTHOPHOTOGRAPHY PROVIDED BY ArcGIS



LEGEND	
SYMBOLS	DESCRIPTION
	PROTECTED COUNTRY SIDE
	LSRCA / TRCA REGULATORY LIMIT
	SHAFT LOCATION
	GRAVITY ALIGNMENT
	FORCEMAIN ALIGNMENT
	LAND PARCELS
	CONSTRUCTION COMPOUND



KEY PLAN
N.T.S



THE LOCATION OF UTILITIES IS APPROXIMATE ONLY, AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED.



GHD Ltd.
455 Phillip Street
Waterloo, Ontario N2L 3X2 Canada
T 1 519 884 0510 F 1 519 884 0525
Conditions of Use

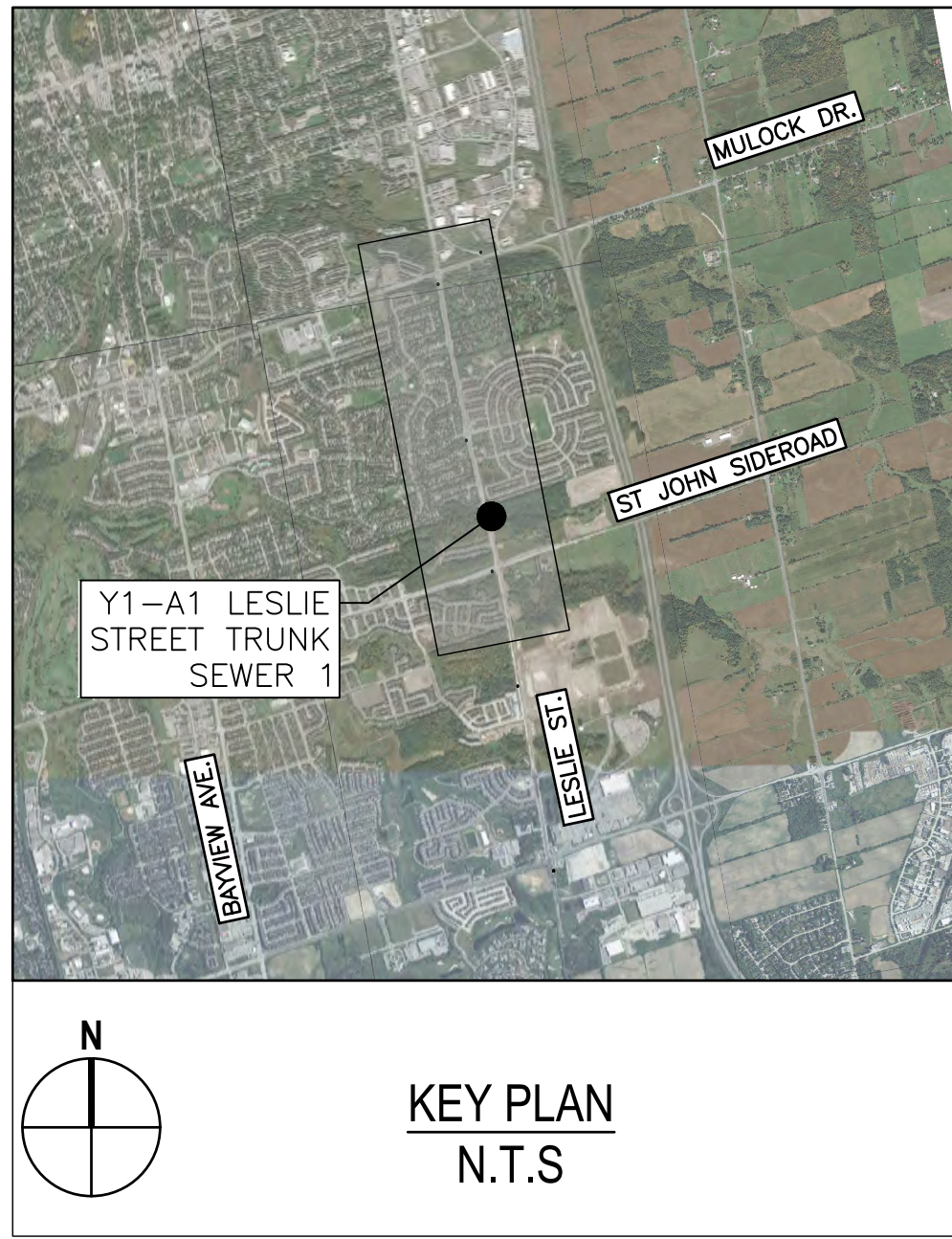
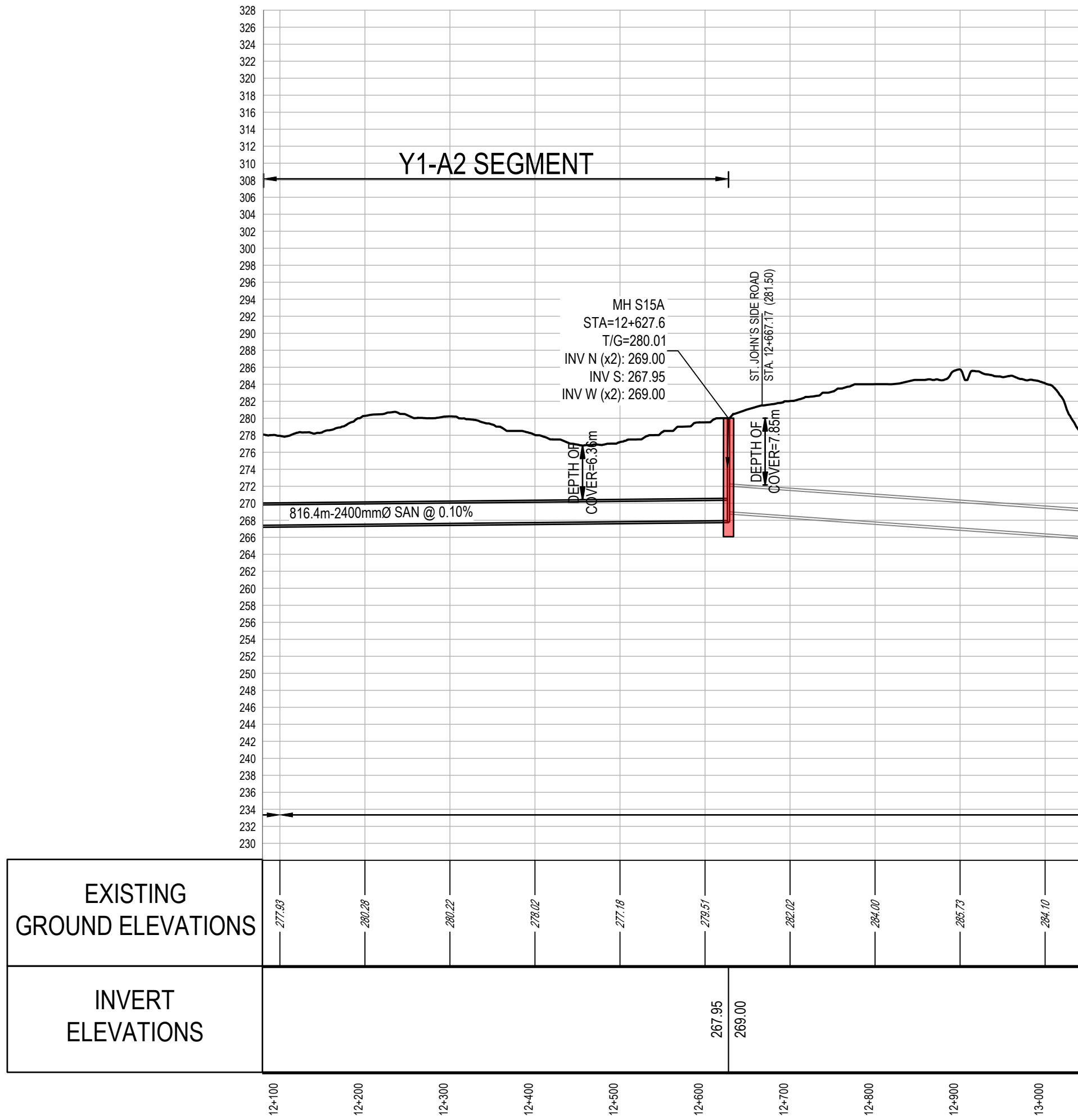
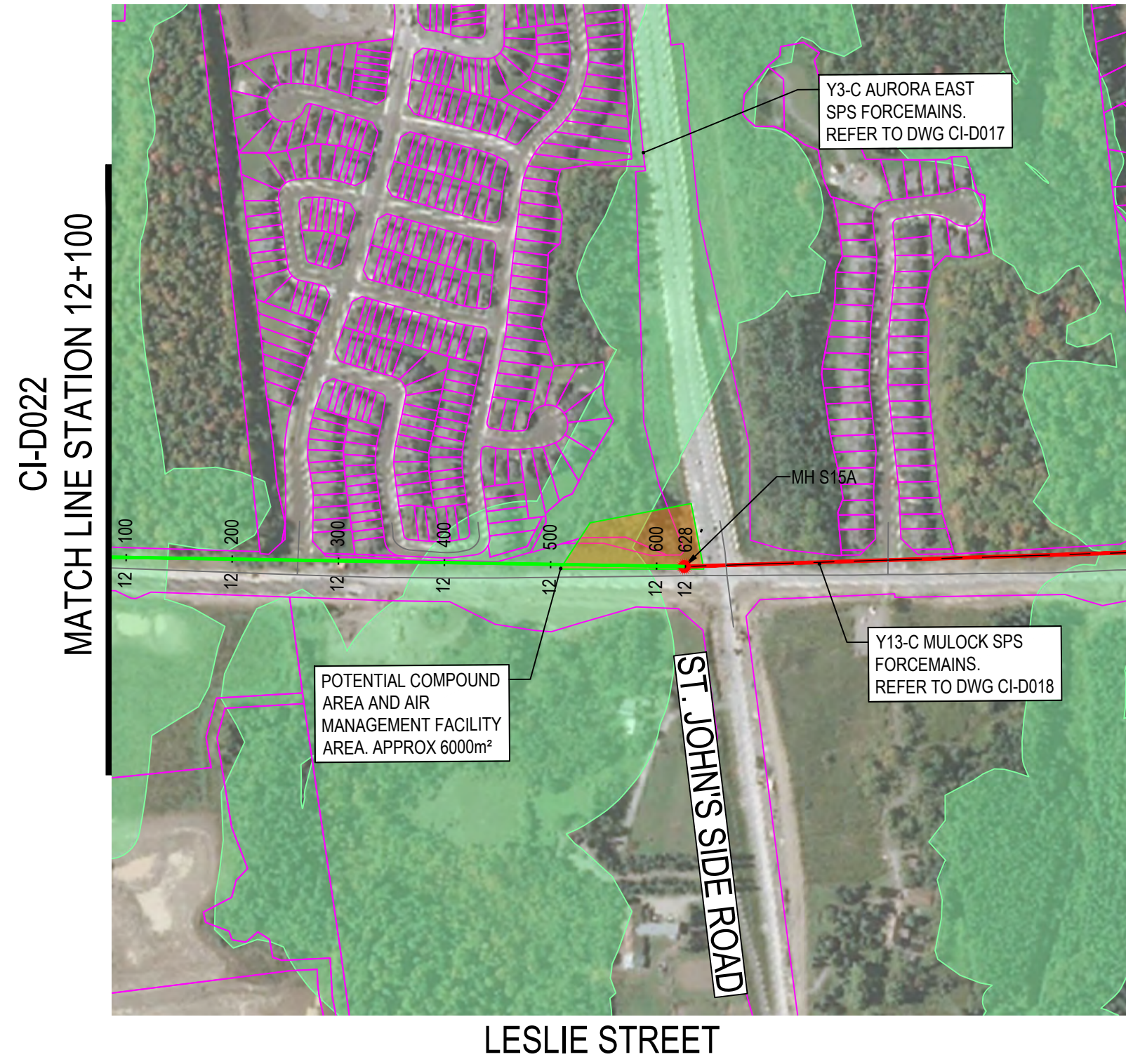
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.

No.	DATE	REVISIONS	BY
1	2023-09-29	ISSUED FOR YRSW PROJECT REPORT	T.C.



Environmental
Services

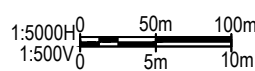
DATE APR. 2023	YORK REGION SEWAGE WORKS NORTH YDSS EXPANSION Y1-A LESLIE ST TRUNK SWR PHASES 1&2 PLAN & PROFILE STA. 12+100 TO 14+720	SCALE 1:5000
DESIGN H.M.		DWG. NO. CI-D023
DRAWN E.Lee		CONT. NO. 0
CHECKED M.Blouin		SHEET NO. 23

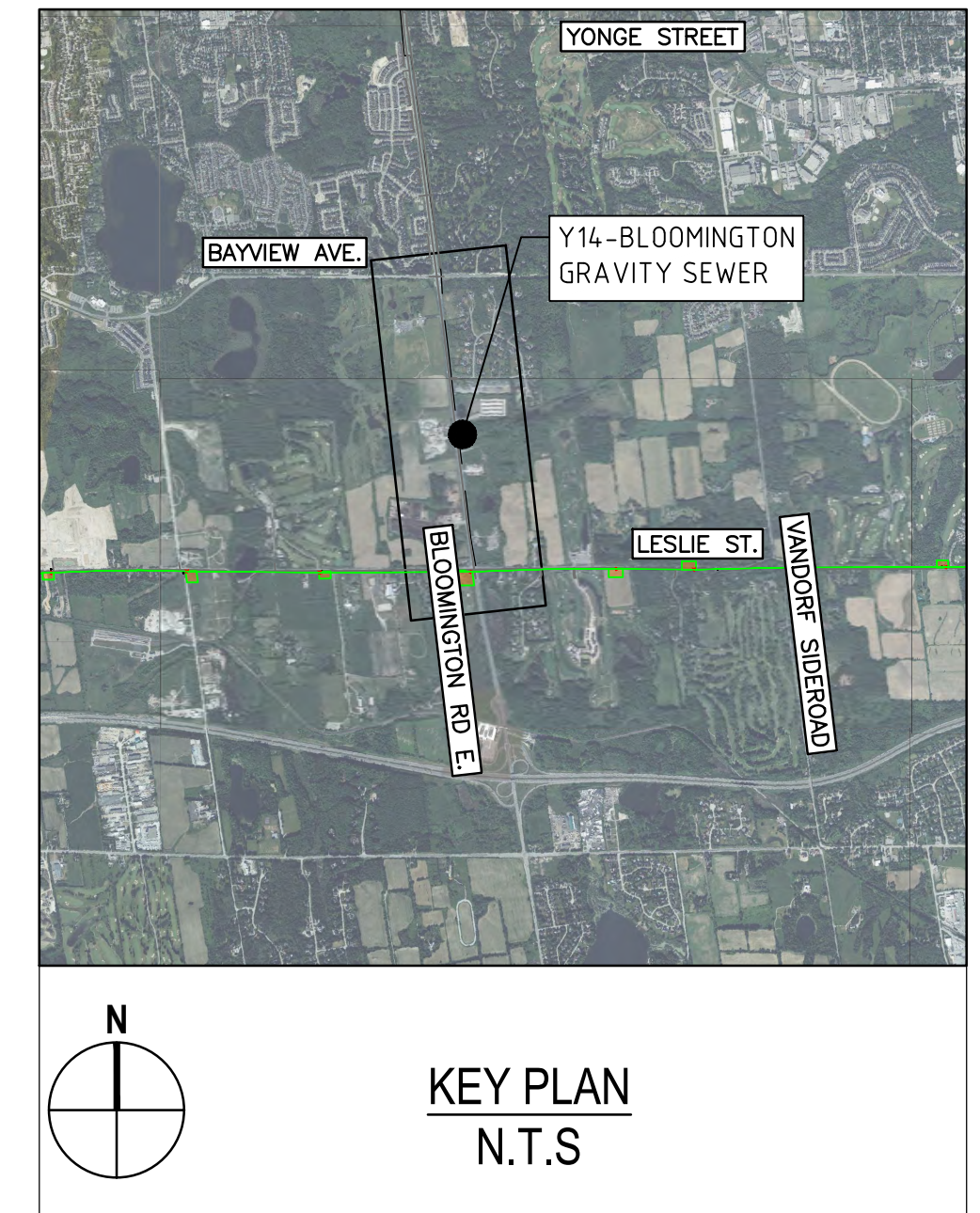
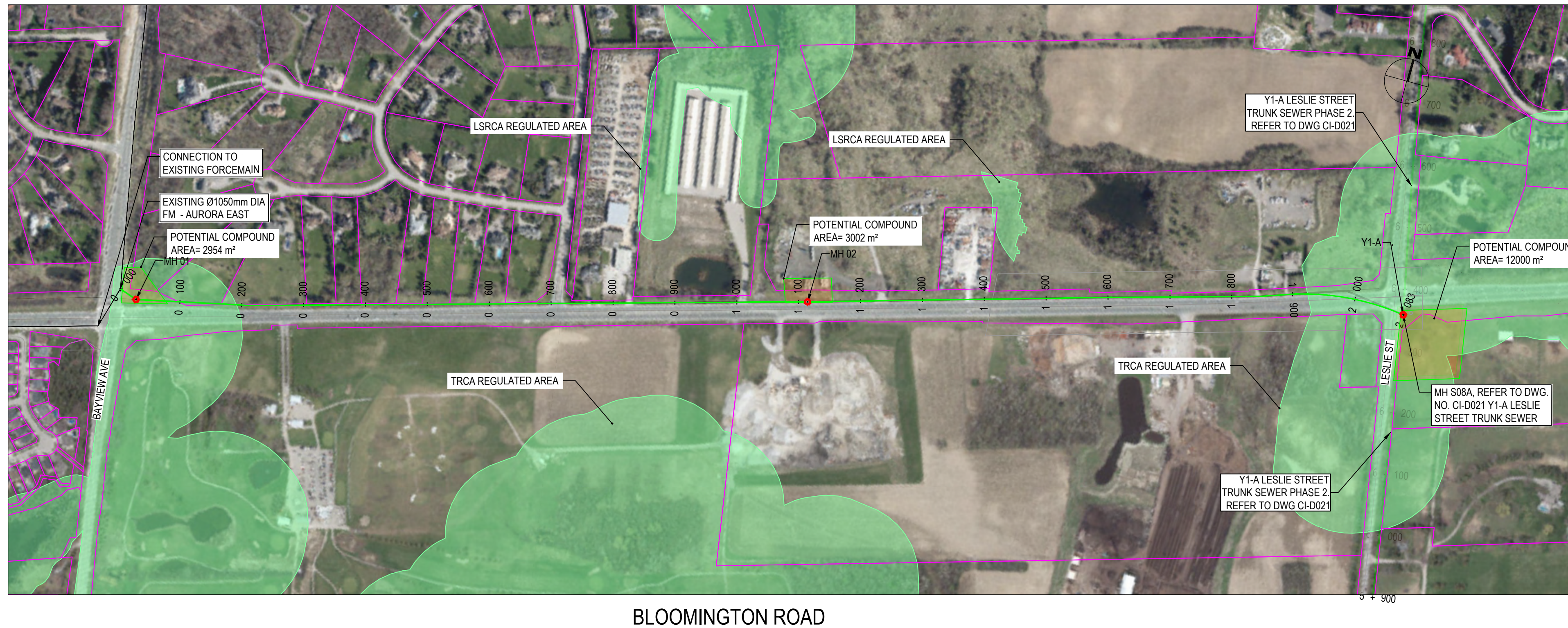


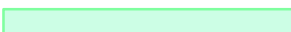
LEGEND	
SYMBOLS	DESCRIPTION
	PROTECTED COUNTRY SIDE
	LSRCA / TRCA REGULATORY LIMIT
	SHAFT LOCATION
	GRAVITY ALIGNMENT
	FORCEMAIN ALIGNMENT
	LAND PARCELS
	CONSTRUCTION COMPOUND

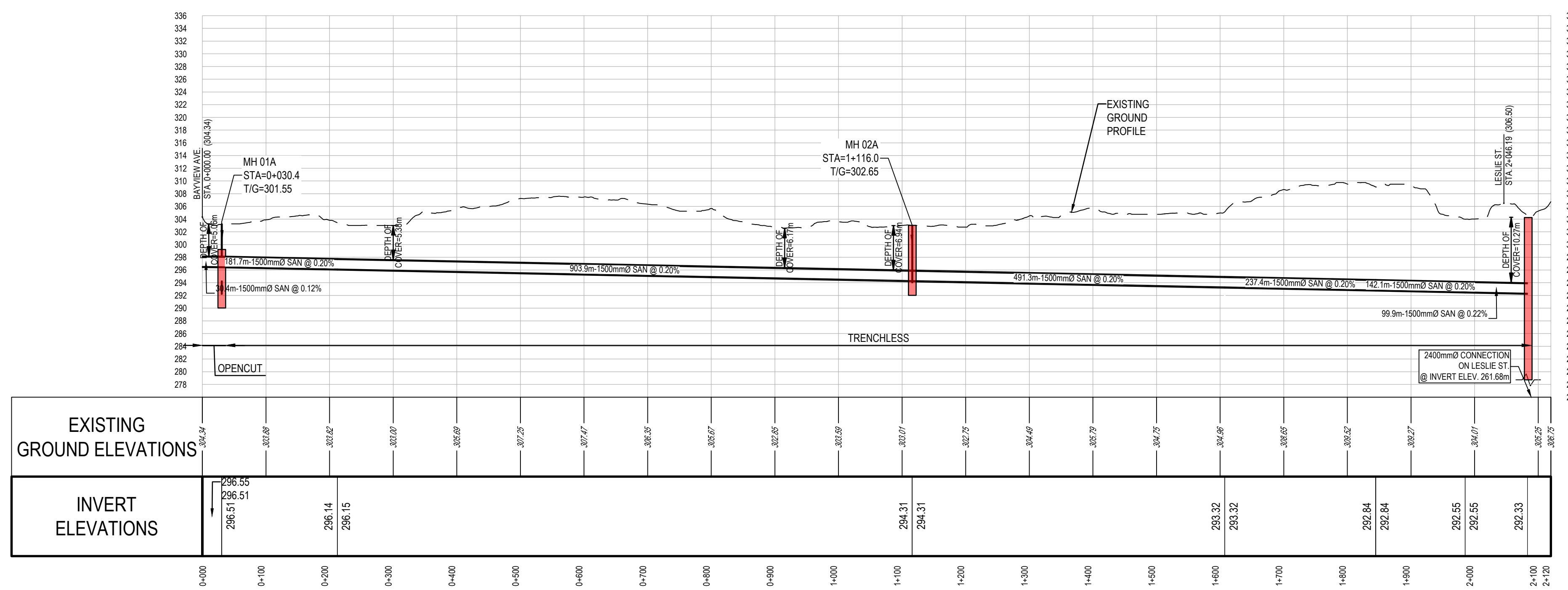
GENERAL NOTES:

- THE HORIZONTAL AND VERTICAL ALIGNMENTS PRESENTED ON THIS SET OF DRAWINGS IS BASED ON A CONCEPTUAL DESIGN CREATED AS A PROOF OF CONCEPT TO CONVEY ANTICIPATED WASTEWATER FLOWS AS OUTLINED IN THE PROJECT REPORT. THE FINAL LOCATIONS AND ELEVATIONS OF PUMP STATIONS, GRAVITY SEWERS, FORCEMAINS, AND OTHER SUPPORTING INFRASTRUCTURE ARE CONCEPTUAL AND SUBJECT TO REVISION WITHIN THE STUDY AREAS FOLLOWING FURTHER FIELD INVESTIGATION, UTILITY COORDINATION, AND DESIGN.
- ALL ALIGNMENTS ARE SUBJECT TO CONSIDERATION OF CONCURRENT PROJECTS BY OTHER STAKEHOLDERS.
- THE VERTICAL PROFILE IS SUBJECT TO CHANGE BASED ON DETAILED ENGINEERING INVESTIGATIONS AND ENGINEERING ANALYSIS. DEPTH OF SEWER INVERTS AND SHAFTS MAY BE ADJUSTED TO SUIT HYDRAULIC IMPROVEMENTS, CLEARANCES BELOW WATER BODIES, EXISTING INFRASTRUCTURE, AND GEOTECHNICAL AND HYDROGEOLOGICAL CONDITIONS.
- POTENTIAL COMPOUND AREAS ARE IDENTIFIED ON THE DRAWINGS AND ARE SUBJECT TO CHANGE IN SIZE, SHAPE, LOCATION AND QUANTITY IN ORDER TO SUPPORT CONSTRUCTION ACTIVITIES.
- WHERE CONCEPT DESIGN LOCATIONS ARE LOCATED WITHIN CONSERVATION AUTHORITY REGULATED AREAS, FURTHER INVESTIGATION WILL BE UNDERTAKEN TO DETERMINE AND MINIMIZE IMPACTS. IF CONSTRUCTION WITHIN A FLOODPLAIN AREA CANNOT BE AVOIDED THEN THE LOCATIONS WHERE FLOODPLAIN STORAGE OR COMPENSATION COULD BE ACCOMMODATED WILL BE IDENTIFIED DURING DESIGN.
- REGION OF YORK ORTHOPHOTOGRAPHY PROVIDED BY ArcGIS

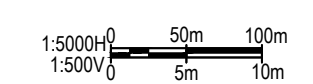




LEGEND	
SYMBOLS	DESCRIPTION
	PROTECTED COUNTRY SIDE
	LSRCA / TRCA REGULATORY LIMIT
	SHAFT LOCATION
	GRAVITY ALIGNMENT
	FORCEMAIN ALIGNMENT
	LAND PARCELS
	CONSTRUCTION COMPOUND



GENERAL NOTES:



THE LOCATION OF UTILITIES IS APPROXIMATE ONLY, AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED.



GHD Ltd.
455 Phillip Street
Waterloo, Ontario N2L 3X2 Canada
T 1 519 884 0510 **F** 1 519 884 0525
Conditions of Use

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.

No.	DATE	REVISIONS	BY
			—
1	2023-09-29	ISSUED FOR YRSW PROJECT REPORT	T.C.



Environmental Services

DATE JUN 2023	YORK REGION SEWAGE WORKS NORTH YDSS EXPANSION Y14 – BLOOMINGTON INTERCEPTOR SEWER PLAN & PROFILE STA. 0+000 TO 2+108	SCALE 1:5000
DESIGN		DWG. NO. CI-D024
DRAWN E.Lee		CONT. NO. 0
CHECKED G.Procunier		SHEET NO. 24