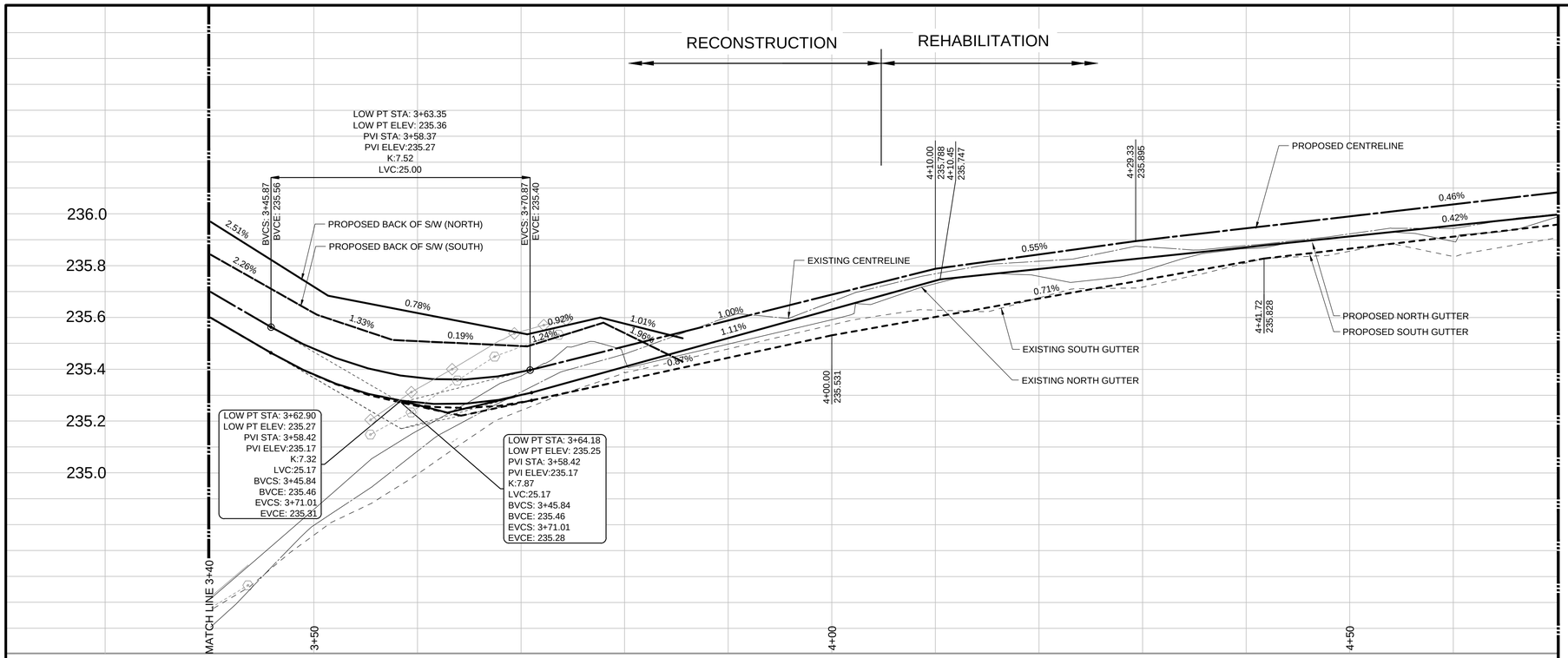

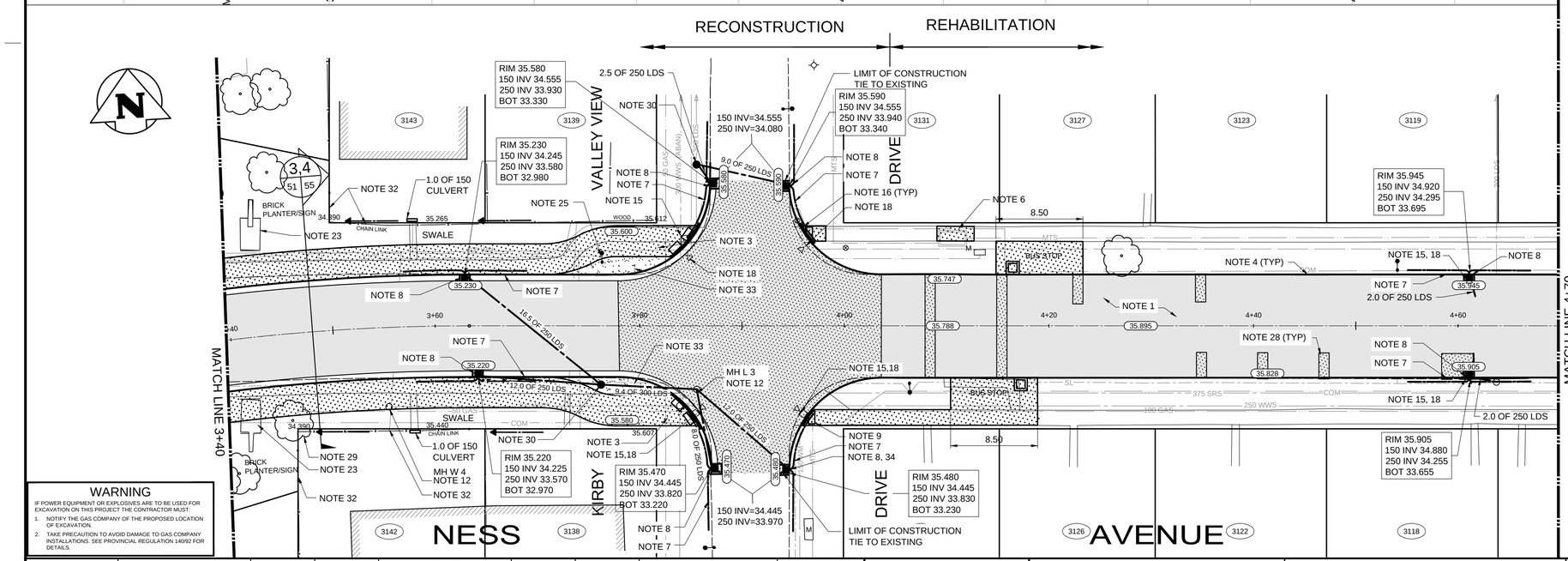

MANHOLE WORK REQUIRED				
LOCATION	TYPE	RIM	NEW RIM	WORK REQUIRED
MH W 4	SD-10	235.131	235.519	ADJUST MH +0.388
MH L 3	SD-10	235.438	235.415	ADJUST MH -0.023

CONSTRUCTION NOTES:

1. PLANE EXISTING ASPHALT AND CONSTRUCT NEW ASPHALTIC CONCRETE OVERLAY (AVERAGE THICKNESS 80mm).
2. CONSTRUCT NEW FULL DEPTH ASPHALTIC CONCRETE PAVEMENT.
3. REMOVE EXISTING SIDEWALK AND CONSTRUCT NEW 100mm CONCRETE SIDEWALK.
4. RENEW EXISTING BARRIER CURB (AVG 150mm REVEAL HEIGHT).
5. CONSTRUCT 10.0m x 3.0m NEW EXPOSED 230mm REINFORCED CONCRETE PAVEMENT.
6. RENEW EXISTING 100mm CONCRETE SIDEWALK.
7. INSTALL 150mm SUBDRAINS 6.0m ON EACH SIDE OF CATCHBASIN.
8. INSTALL NEW CURB AND GUTTER INLET C/W CATCHBASIN (SD-024) AND CONNECT NEW 250mm LEAD TO EXISTING LAND DRAINAGE SEWER.
9. INSTALL NEW DETECTABLE WARNING SURFACE TILES.
10. INSTALL NEW CURB AND GUTTER INLET C/W CATCHPIT (SD-023) AND CONNECT NEW 250mm LEAD TO EXISTING CATCHBASIN.
11. REPLACE COVER WITH SOLID COVER.
12. ADJUST MANHOLE TO GRADE.
13. RENEW EXISTING MODIFIED BARRIER CURB (AVG 100mm REVEAL HEIGHT).
14. INSTALL NEW CURB RAMP.
15. REMOVE EXISTING CATCHBASIN.
16. CONSTRUCT NEW MODIFIED BARRIER CURB AND GUTTER (180mm REVEAL HEIGHT).
17. CONSTRUCT NEW BARRIER CURB AND GUTTER (180mm REVEAL HEIGHT).
18. REMOVE EXISTING CATCHPIT.
19. ADJUST EXISTING WATERMAIN VALVE BOX TO GRADE.
20. REMOVE EXISTING CHAIN LINK FENCE.
21. INSTALL 1.22m HIGH CHAIN LINK FENCE.
22. REMOVE AND REPLACE EXISTING MANHOLE RISERS.
23. REMOVE EXISTING ENTRANCE MARKERS. SALVAGE SIGNAGE.
24. REMOVE TREE.
25. STREET LIGHTING TO BE RELOCATED BY OTHERS.
26. INSTALL NEW BOULEVARD CATCHBASIN (SD-025) AND CONNECT LEAD TO EXISTING MANHOLE.
27. RELOCATE MTS PEDESTAL (BY OTHERS)
28. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 230mm REINFORCED CONCRETE PAVEMENT.
29. REMOVE TREE.
30. INSTALL NEW MANHOLE.
31. REMOVE AND REPLACE 8.0m OF WOOD FENCE.
32. REMOVE EXISTING FENCE, GRADE AND SOD YARD, CONSTRUCT NEW FENCE AND GATES, RECONSTRUCT PRIVATE SIDEWALK.
33. CONSTRUCT EXPOSED AGGREGATE CONCRETE.
34. INSTALL 100mm THICK CATCHBASIN SIDEWALL INSULATION.

GENERAL NOTES:

1. PAVEMENT DIMENSIONS ARE TO BACK OF CURB.
2. CHAINAGE IS ALONG CENTRELINE OF NESS AVENUE PAVEMENT.

APEGM
Certificate of Authorization
TETRA TECH WEI Inc.
No. 5313 Date: April 30, 2016

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS. SEE PROVINCIAL REGULATION 140/92 FOR DETAILS.

EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PLAN	PROPOSED
150 WM	WATERMAIN	150 WM		SWALE			RIGHT–OF–WAY	
400 FM	FEEDERMAIN	400 FM		MANHOLE			GAS	
300 LDS	LAND DRAINAGE SEWER	300 LDS		CATCHBASIN			HYDRO	
250 WWS	WASTEWATER SEWER	250 WWS		HYDRO BOX			MTS	
300 CS	COMBINED SEWER	300 CS		HYDRO POLE			DETECTABLE WARNING TILE	
200 FCM	FORCEMAIN	200 FCM		LIGHT STANDARD		×31.175	ELEVATION	(32.123)
	JUNCTIONS			ANCHOR			SIDEWALK	
	HYDRANT			TREE			CURB	
	VALVE			ALUMINUM BALANCE BARRIER			ASPHALT	
	CURB STOP			RETAINING WALL			CONCRETE	

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES DATE
COMMITTEE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
00	ISSUED FOR TENDER	15.09.24	GAC

TETRA TECH

DESIGNED BY	GAC	CHECKED BY	GAC
DRAWN BY	GMD	APPROVED BY	EFS
HOR. SCALE:	1 : 250	ACCEPTED BY	DATE
VERTICAL:	1 : 10	ORIGINAL DRAWING SIGNED BY: D.N. BURMEY, P.ENG.	15.09.24
DATE	15.09.24	D.N. BURMEY, P.ENG. BRIDGE PROJECTS ENGINEER	

PROVINCE OF MANITOBA
G.A. CHURCHILL
ORIGINAL SIGNED
15.09.24
25653
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
1400070800–DWG–C0051

Winnipeg

THE CITY OF WINNIPEG

PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

NESS AVENUE AT STURGEON CREEK
BRIDGE CONSTRUCTION

CITY DRAWING NUMBER
P–3465–15–004

SHEET 51 OF 64

NESS AVE RECONSTRUCTION/REHABILITATION
42m W OF KIRBY DR TO 70m E OF KIRBY DR
STATION 3+40 TO STATION 4+70

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