

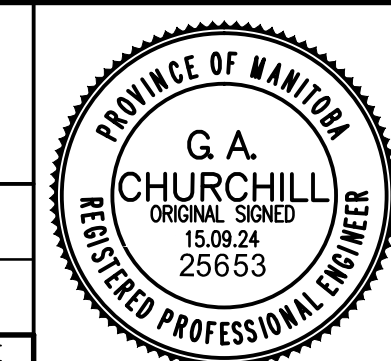
MANHOLE WORK REQUIRED				
LOCATION	TYPE	RIM	NEW RIM	WORK REQUIRED
MH L 4	SD-10	236.231	236.273	ADJUST MH +0.042

- 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.

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 W/M	WATERMAIN	150 W/M	SWALE	RIGHT-OF-WAY	LOCATION APPROVED UNDERGROUND STRUCTURES	B.M. ELEV.		
400 FM	FEEDERMAIN	400 FM	MANHOLE	GAS	SUPV. U/G STRUCTURES DATE COMMITTEE			
300 LDS	LAND DRAINAGE SEWER	300 LDS	CATCHBASIN	HYDRO	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.			
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	ELEVATION				
	JUNCTIONS		ANCHOR	SIDEWALK				
	HYDRANT		TREE	CURB				
	VALVE		SURVEY BAR	ASPHALT				
	CURB STOP		SIGNAL CONTROLLER	CONCRETE				



THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

NESS AVENUE AT STURGEON CREEK BRIDGE CONSTRUCTION
 NESS AVENUE REHABILITATION
 7m WEST OF HERITAGE BLVD TO PEBBLEWOOD LANE
 STATION 5+85 TO STATION 6+93

CITY DRAWING NUMBER: P-3465-15-006
 SHEET: 53 OF 64

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	CONSULTANT DRAWING NO. 1400070800-DWG-C0053

NO.	ISSUED FOR TENDER	DATE	BY
0	ISSUED FOR TENDER	15.09.24	GAC
NO.	REVISIONS	DATE	BY