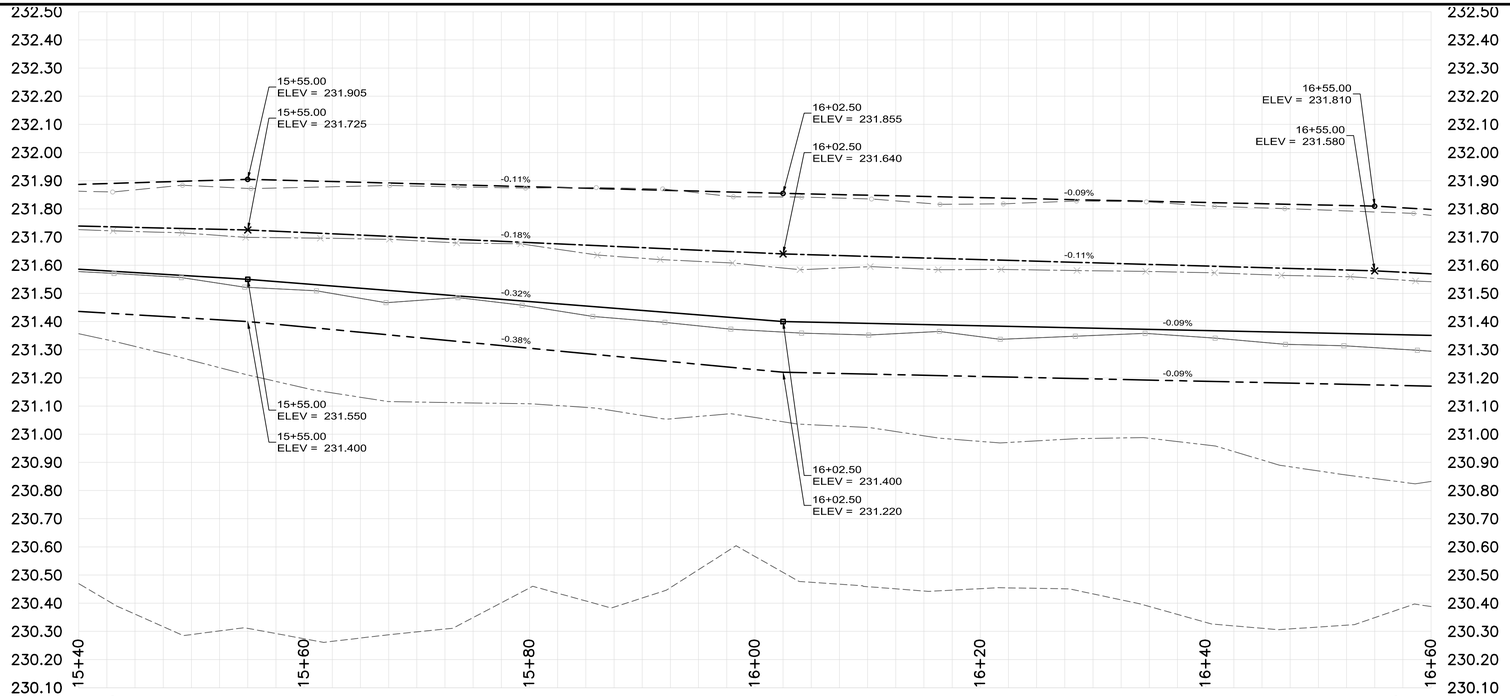
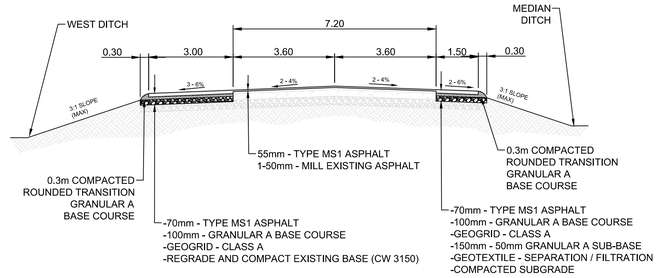
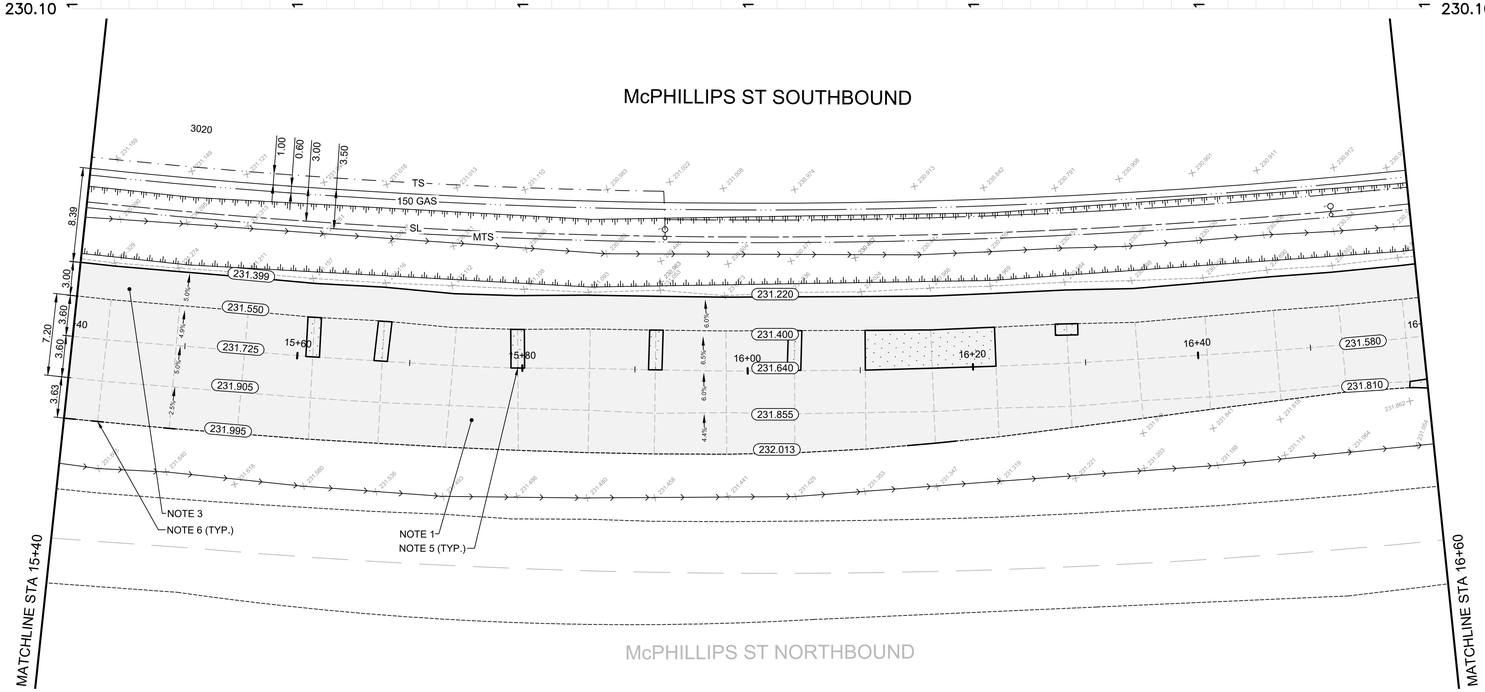




TYPICAL CROSS SECTION
N.T.S.



CONSTRUCTION NOTES

1. MILL 1-50mm OF EXISTING ASPHALT AND OVERLAY WITH 55mm (TYP.) MS1 ASPHALT PAVEMENT AS PER CROSS SECTION (E15)
2. CONSTRUCT NEW 1.5m ASPHALT SHOULDER AS PER CROSS SECTION (E15)
3. CONSTRUCT NEW 3.0m ASPHALT SHOULDER AS PER CROSS SECTION (E15)
4. MILL EXISTING ASPHALT AND TIE IN TO NEW ASPHALT HEADER
5. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT (E20)
6. RENEW EXISTING BARRIER CURB (SD-205)
7. RENEW EXISTING MONOLITHIC CONCRETE BULL NOSE (SD-227C)
8. RE-GRADE EXISTING DITCH
9. CONSTRUCT NEW GROUTED STONE RIPRAP AS PER CW 3615
10. REMOVE EXISTING ASPHALT AND CONSTRUCT ASPHALT OVERLAY
11. RENEW EXISTING MONOLITHIC CURB AND SPLASH STRIP (SD-223A)
12. CONSTRUCT NEW GROUTED STONE RIPRAP SPILL WAY AS PER CW 3615 (SEE DETAIL, E21)
13. MILL 1-50mm OF EXISTING ASPHALT SHOULDER AND OVERLAY WITH 55mm (TYP.) MS1 ASPHALT PAVEMENT (E15)
14. CONSTRUCT NEW INTEGRAL BARRIER CURB (SD-204,E12)
15. CONSTRUCT NEW 200mm REINFORCED CONCRETE (E20)

GENERAL NOTES

A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
B. ALL CURB RADII UNDER 15.0m SHALL BE MODIFIED (SD-203B, SD-203C / E12)
C. CURB REPLACEMENT AS DIRECTED BY CONTRACT ADMINISTRATOR
D. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION
E. ADJUST ALL EXISTING WATER VALVES AND CURB STOPS TO GRADE
F. PAVEMENT REPAIRS SHOWN ARE A REPRESENTATIVE SAMPLE OF THE TENDER QUANTITIES
G. RE-GRADE EXISTING GRANULAR APPROACH AS DIRECTED BY CONTRACT ADMINISTRATOR

METRIC
WHOLE NUMBERS INDICATE MILLIMETERS
DECIMALIZED NUMBERS INDICATE METERS

ISSUED FOR TENDER
NOT TO BE USED FOR CONSTRUCTION

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
	TREE/ TREE TRUNK			CULVERT			CONCRETE	
	HYDRANT			LDS/WWS			CONCRETE SIDEWALK	
	VALVE			WATERMAIN			ASPHALT	
	CURB STOP			GAS			PAVEMENT REPAIR FABRIC	
	MANHOLE			TRAFFIC SIGNALS			CL DITCH	
	CATCH BASIN			HYDRO/STREET LIGHT			TOP OF DITCH SLOPE	
	CATCH PIT/CURB INLET			MTS/SHAW		EXISTING	LEGEND - PLAN	PROPOSED
	HYDRO POLE			BOC/EDGE OF PAVEMENT			WEST SHOULDER	
	LIGHT STANDARD			EDGE OF SHOULDER			WEST CL DITCH	
	TRAFFIC SIGNAL POLE			PROPERTY LINE			WEST GUTTER	
	SURVEY BAR			RAMP CURB			CENTER LINE	
	UTILITY BOX		231.000 & (231.000)	ELEVATIONS	231.000		EAST GUTTER	

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES COMMITTEE — DATE

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. FD 1X1 IB @ NW CORN. MURRAY/MCPHILLIPS
ELEV. 231.220

NO.	REVISIONS	DATE	BY
2.	ISSUED FOR TENDER	26/02/2026	D.PEN
1.	SUBMIT FOR PLAN APPROVAL	20/01/2026	D.PEN

ENGINEERING DIVISION
TECHNOLOGY SERVICES BRANCH
106 - 1155 PACIFIC AVE

DESIGNED BY	D.PEN	CHECKED BY	T.G. G.K. R.W. R.D.
DRAWN BY	D.PEN	APPROVED BY	R.D.
HOR. SCALE:	1 : 250		
VERTICAL:	1 : 10		
DATE	2026/02/19		

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R. DEWITT
Member 24672
REGISTERED PROFESSIONAL ENGINEER
2026-02-20

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

MCPHILLIPS STREET - SOUTHBOUND
FROM NORTH POINT BOULEVARD TO EMES ROAD
ASPHALT MILL & FILL AND ASSOCIATED WORK
FROM STA. 15+40 TO STA. 16+60

CITY DRAWING NUMBER SE-26-617
SHEET 18 OF 25
TENDER NO. 17-2026