

- NOTES**
- STANDPIPES REQUIRED BETWEEN STA. AND STA.
 - ALL MANHOLES TO BE TYPE "A-1" EXCEPT AS NOTED.
 - ALL SEWER HOUSE SERVICE TO BE INSTALLED BELOW STREET WATERMAIN EXCEPT AS NOTED.
 - ALL SEWER HOUSE SERVICES TO BE A MINIMUM OF BURY AT THE PROPERTY LINE EXCEPT AS NOTED.
 - ALL SEWERS TO BE EXTRA STRENGTH CONCRETE PIPE EXCEPT AS NOTED.
 - STREET INTERSECTION FILLETS RADIUS, LANE FILLETS RADIUS EXCEPT AS NOTED.
 - LOCATION AND DEPTH OF EXISTING UNDERGROUND SERVICES AS SHOWN ON DRAWINGS IS APPROXIMATE ONLY. CONTRACTOR SHALL NOTIFY THE RESPECTIVE UTILITIES BEFORE BEGINNING EXCAVATION.
 - BENCH MARK "M" IN MANHOLE ON HYDRANT ON MINNETONKA ST. NORTH OF RIVER ROAD. ELEV. 64.77

LEGEND

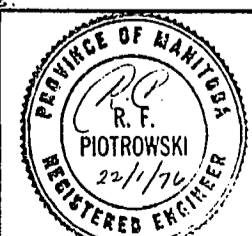
PAVEMENT	—	WASTEWATER SEWER	—
SURVEY BAR	—	CULVERT	—
POLE	—	EXIST. GAS LINE	—
LANDSCAPE GRADE	—	EXIST. M.S. DUCT	—
HYDRANT	—		
VALVE	—		
TEE	—		
CROSS	—		
WATERMAIN	—		
MANHOLE	—		
CATCH BASIN	—		
CURB INLET	—		
JUNCTIONS	—		
LAND DRAINAGE SEWER	—		

TYPICAL CROSS SECTION

EXIST. NORTH OR EAST	—
EXIST. SOUTH OR WEST	—
EXIST. NORTH OR EAST DITCH	—
EXIST. SOUTH OR WEST DITCH	—
EXIST. C/O ROAD	—
GUTTER GRADE	—
C/O ROAD	—
SIDEWALK GRADE	—
DITCH GRADE	—

REVISIONS

NO.	REVISIONS	DATE	BY



THE CITY OF WINNIPEG
OPERATIONS DIVISION - DISTRICT 5

REPAIRS TO
MINNETONKA STREET OUTFALL
RIVER ROAD TO RED RIVER

TEMPLETON ENGINEERING COMPANY
PROFESSIONAL ENGINEERS

WINNIPEG MANITOBA

DRAWN BY C.W. CHECKED BY R.P. APPROVED BY G.A.P.

DATE NOV. 13, 1975 SCALE HORZ. 1" = 40' VERT. 1" = 4' PLAN NO. D5-22-245