

DRAWING INDEX

SHEET NUMBER	CITY OF WINNIPEG DRAWING NUMBER	DRAWING TITLE
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3	10881	COTE STREET - 1ST MH W OF ARCHIBALD STREET TO MH AT ARCHIBALD STREET
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18	10896	RUE LOUIS RIEL - 1ST MH N OF DOLLARD BOULEVARD TO MH AT DOLLARD BOULEVARD
19	10897	MCMEANS AVENUE EAST - MH AT HEATHERBLOOM ROAD TO 1ST MH W OF NORTHCLIFFE DRIVE
20	10899	TREMBLAY STREET - 1ST MH W OF EVAN STREET TO 1ST MH E OF EVAN STREET
21	10900	TREMBLAY STREET - 1ST MH W OF ARCHIBALD STREET TO MH AT ARCHIBALD STREET (Q)
22	10980	SEWER DETAIL

ABBREVIATIONS

WWS CS LDS R E G.I.S. B.M. TH ELEV INV MIN SL TS ABAND BLDG HSE C/S MTS R.O.W. WM CULV MH CB CI VERT. HORZ. I.B. FIBRE X-ING HYD EXIST N E S W W/ C/W CONC AC VC OR CLAY CI DI PVC HDPE PCCP	WASTE WATER SEWER COMBINED SEWER LAND DRAINAGE SEWER PROPERTY LINE CENTER LINE GEOGRAPHIC INFORMATION SYSTEM BENCH MARK TEST HOLE ELEVATION INVERT MINIMUM STREET LIGHTING TRAFFIC SIGNALS ABANDONED BUILDING HOUSE CURB STOP MANITOBA TELEPHONE SYSTEM RIGHT-OF-WAY WATERMAIN CULVERT MANHOLE CATCH BASIN CURB INLET VERTICAL HORIZONTAL IRON BAR FIBRE OPTIC CROSSING HYDRANT EXISTING NORTH EAST SOUTH WEST WITH CONSTRUCTED WITH CONCRETE ASBESTOS CEMENT VITRIFIED CLAY CAST IRON DUCTILE IRON POLYVINYL CHLORIDE HIGH DENSITY POLYETHYLENE PRESTRESSED CONCRETE CYLINDER PIPE
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LEGEND

DESCRIPTION	EXISTING	PROPOSED
WATER PIPE		
FIRE HYDRANT		
VALVE		
CURB STOP		
REDUCER		
COUPLING OR SLIDER		
CROSS		
BEND - 11.25°, 22.5°, 45°, 90°		
TEE		
VERTICAL BEND		
ANODE		
REPAIR MARKER		
PLUG		
SEWER PIPE		
MANHOLE		
CATCH BASIN		
CURB INLET		
JUNCTION		
R DITCH		
CULVERT		
SURVEY BAR		
SURVEY MONUMENT		
TREE - DECIDUOUS		
TREE - CONIFEROUS		
HYDRO		
HYDRO POLE		
LAMP STANDARD		
HYDRO POLE W/STREET LIGHTING		
POLE		
GUY ANCHOR		
M.T.S. POLE		
PEDESTAL OR BOX		
CABINET		
M.T.S.		
TRAFFIC SIGNALS		
TRAFFIC LIGHT STANDARD		
GAS		
STEAM		
FIBRE OPTIC		
FENCE		
EDGE OF PAVEMENT OR GUTTER		
EDGE UNPAVED OR GRAVEL ROAD		
R		
PROJECTED R		
LOT LINE		
SIDEWALK - PATHWAY		
EASEMENT		
EDGE OF BUILDING		
MAILBOX		
TEST HOLE		
TREE LINE OR BUSH		

PLAN VIEW

CONSTRUCTION NOTES

1. ALL PIPE SHALL HAVE CLASS B - TYPE 2 BEDDING
2. INSTALL SEWER BY TRENCHLESS METHODS.
3. CONFIRM THE LOCATION OF ALL SEWER SERVICES.
4. BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 OF PAVEMENT TO BE CLASS 3.
5. BACKFILL IN BOULEVARD TO BE CLASS 5.
6. RENEW SEWER SERVICES TO R.
7. INSTALL SEWER SERVICE RISERS TO ELEVATION WHERE MINIMUM SLOPE OF 1% IS MAINTAINED FOR ALL SERVICES.

HATCH PATTERNS

AREA OF REPAIR ON PIPE

52.0
| MEASUREMENT TO REPAIR FROM REFERENCE MH SHOWN THUS... 0.0

LOCATION APPROVED UNDERGROUND STRUCTURES SUPV. 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. ELEV. CONSTRUCTION COMPLETION DATE: YYYY MM DD	ENGINEER'S SEAL ORIGINAL SIGNED BY S.R.J. COURNOYER 14/12/17		 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION 2014 SEWER RENEWALS BY CIPP LINING - CONTRACT NO.13 INDEX PAGE	SHEET 1 OF 22 CITY DRAWING NUMBER -					
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PLOT DATE: 2014 12 17

BID OPPORTUNITY: 1071-2014
CONTRACT NUMBER: 13

FILE PATH: R:\DRAWINGS\SEWER\2014 RENEWALS\EPR AND TPR\Contract 13 (CONTRACT 3)\
FILE NAME: CONTRACT 3 INDEX SHEET 11x17.dwg