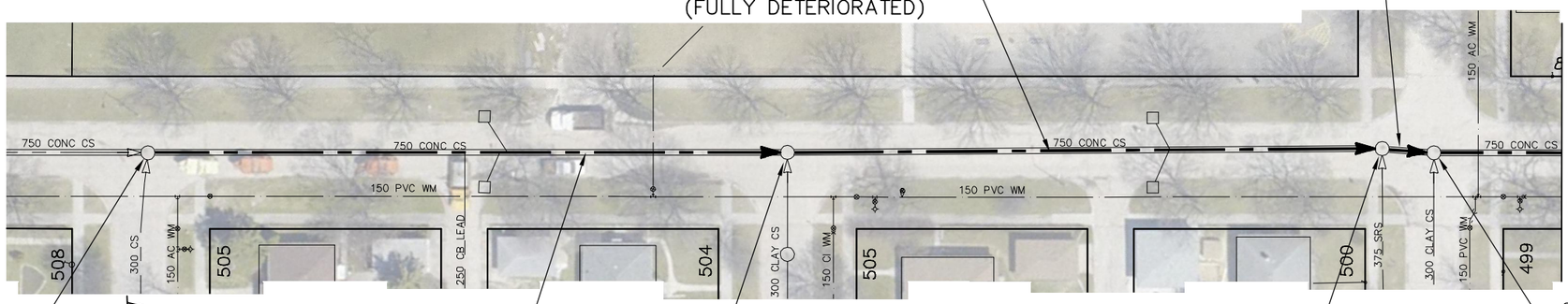
MACHRAY AVENUE



78.1 OF 750 CONC CS
TO BE LINED S-MA00012055
(FULLY DETERIORATED)

7.0 OF 750 CONC CS
TO BE LINED S-MA00012134
(FULLY DETERIORATED)

84.7 OF 750 CONC CS
TO BE LINED S-MA00012013
(FULLY DETERIORATED)

S-MH00010369
RIM 232.16
INV E 227.59
INV S 228.10
INV S 227.59

S-MH00010408
RIM 232.13
INV E 227.31
INV S 227.58
INV W 227.31

S-MH00010465
RIM 232.06
INV E 226.68
INV S 227.13
INV W 226.68

S-MH00010473
RIM 232.06
INV E 226.69
INV S 227.24
INV W 226.69

MONREITH ST

DALTON ST

ROBERTSON ST

FOR CONTINUATION
SEE DWG 10720

SEWER JUNCTION INFORMATION FROM
SEWER VIDEO INSPECTION
SEWER ID S-MA00012013

DISTANCE FROM MH ID S-MH00010369

DISTANCE	DIAMETER	CLOCK
42.3	150	3
43.4	150	11
50.4	150	1
51.0	150	10
63.0	150	11
78.8	150	11

SEWER JUNCTION INFORMATION FROM
SEWER VIDEO INSPECTION
SEWER ID S-MA00012055

DISTANCE FROM MH ID S-MH00010408

DISTANCE	DIAMETER	CLOCK
12.4	150	1
51.4	150	2
52.2	150	10
54.3	150	10

SEWER JUNCTION INFORMATION FROM
SEWER VIDEO INSPECTION
SEWER ID S-MA00012055

DISTANCE FROM MH ID S-MH00010463

DISTANCE	DIAMETER	CLOCK
****NO SERVICE JUNCTIONS****		

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 210/72 FOR DETAILS

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 10.0 20.0 30.0 40.0

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

NO.	REVISIONS	DATE	BY

DESIGNED BY	SC	CHECKED BY	SC
DRAWN BY	RS	APPROVED BY	KZ
SCALE: HORIZONTAL	1:750	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE	2013 12 10	DATE	

PLOT DATE: 2013 12 10

ENGINEER'S SEAL

ORIGINAL SIGNED BY S.R.J. COURNOYER 12-11-28

CONSULTANT DRAWING NUMBER
–

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2013 SEWER RENEWALS
BY CIPP LINING
MACHRAY AVENUE
MH AT MONREITH ST (CL) TO
MH AT ROBERTSON (E PL)

SHEET 44 OF 46

CITY DRAWING NUMBER
10719

BID OPPORTUNITY: 965-2013
CONTRACT NUMBER: 12

FILE PATH: R:\DRAWINGS\SEWER\2013_RENEWALS\CIPP'S\CONTRACT 13\CIPP's\
FILE NAME: MACHRAY_robertson, kildaroach_dalton_monreith.dwg