DRAWING INDEX

SHEET NUMBER	CITY OF WINNIPEG DRAWING NUMBER	DRAWING TITLE
1	13032	COVER PAGE
2	13033	INDEX PAGE – DRAWING INDEX, CONSTRUCTION NOTES, LEGEND, HATCH PATTERNS & ABBREVIATIONS
3	13034	ARCHIBALD STREET – 1ST MH N OF MISSION STREET TO 2ND MH N OF MISSION STREET
4	13035	DAWSON ROAD NORTH – 1ST MH SE OF PLINGUET ROAD TO 1ST MH N OF PLIGUET ROAD
5	13036	DAWSON ROAD NORTH – 5TH MH SE OF RUE MESSIER TO 4TH MH SE OF RUE MESSIER
6	13037	#19 WATT STREET – 3RD MH S OF NAIRN AVENUE OVERPASS TO 1ST MH E OF ARCHIBALD STREET
7	13038	MISCELLANEOUS DETAILS – 1
8	13039	MISCELLANEOUS DETAILS – 2
9	13040	MISCELLANEOUS DETAILS – 3

CONSTRUCTION NOTES

- CONTRACTOR SHALL CONFIRM SEWER LOCATIONS PRIOR TO EXCAVATIONS.
- EXCAVATIONS SHALL BE UNDERTAKEN IN ACCORDANCE WITH SPECIFICATIONS.
- ACCESS SHAFTS MAY BE LOCATED AT EXISTING MH OR AT MID PIPE LOCATION, EXCEPT WHERE NOTED.
- SEWER CLOSURES AND MANHOLE RECONSTRUCTION TO BE COMPLETED AS PER DRAWINGS.
- CONTRACTORS SHALL NOT ENCROACH ON RAIL PROPERTY OR RAIL INFRASTRUCTURE WITHOUT PROPER PERMITS OR EXPRESS PERMISSION FROM THE RAIL OPERATOR.
- SEWER SERVICES WITHIN EXCAVATIONS LOCATIONS MUST BE MAINTAINED IN FUNCTIONING ORDER AT ALL TIMES. CB LEADS MAY BE BLOCKED DURING FREEZING WEATHER BUT CBS MUST BE PUMPED OUT DURING WET WEATHER OR MELTING CONDITIONS. ANY SERVICE CONNECTION SERVICING PRIVATE PROPERTY (WWS, CS, OR LDS) MUST BE MAINTAINED IN FUNCTIONING ORDER.
- REFER TO TRAFFIC MANAGEMENT DRAWINGS IN SPECIFICATIONS FOR TRAFFIC CONTROL REQUIREMENTS.
- CONTRACTOR TO RESTORE ALL SITES TO ORIGINAL CONDITION OR BETTER.
- REFER TO SPECIFICATIONS FOR FLOW CONTROL REQUIREMENTS.
- FLOW BYPASS HOSES AND PIPING SHALL BE RAMPED AT ALL VEHICLE CROSSING LOCATIONS, INCLUDING ROADWAYS AND ACTIVE DRIVEWAYS.

ABBREVIATIONS

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

LEGEND

PLAN VIEW

DESCRIPTION	EXISTING	PROPOSED
WATER PIPE		
FIRE HYDRANT		
VALVE		
CURB STOP		
REDUCER		
COUPLING OR SLIDDER		
CROSS		
BEND – 11.25°, 22.5°, 45°, 90°		
TEE		
VERTICAL BEND		
ANODE		
REPAIR MARKER		
PLUG		
SEWER PIPE		
MANHOLE		
CATCH BASIN		
CURB INLET		
JUNCTION		
℄ 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		
℄		
PROJECTED ℄		
LOT LINE		
SIDEWALK – PATHWAY		
EASEMENT		
EDGE OF BUILDING		
MAILBOX		
TEST HOLE		
TREE LINE OR BUSH		

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

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	2022 05 02	ADB

MORRISON HERSHFIELD

DESIGNED BY	JKH	CHECKED BY	JGF
DRAWN BY	DML	APPROVED BY	RPB
SCALE: HORIZONTAL	1:750	RELEASED FOR CONSTRUCTION	
VERTICAL			STACY COURNOYER, P.Eng.
DATE	MAY 2, 2022	DATE	MAY 2, 2022

PLOT DATE: 2022/5/2 2:02:56 PM

ENGINEER'S SEAL
PROVINCE OF MANITOBA
A. D. BRAUN
Member
24453
REGISTERED PROFESSIONAL ENGINEER
2022-05-02

CONSULTANT DRAWING NUMBER

TENDER No.: 190–2022
CONTRACT NUMBER: 2

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2022 TRENCHLESS REHABILITATION OF
NON–CIRCULAR COMBINED SEWERS – CONTRACT 2

INDEX PAGE

SHEET 2 OF 9
CITY DRAWING NUMBER
13033

FILE PATH: X:\Proj\2022\220063400–2022 Sewer Renewals Cnt 2\09. CAD\07 Sheets\
FILE NAME: 02 INDEX.dwg