

DRAWING INDEX

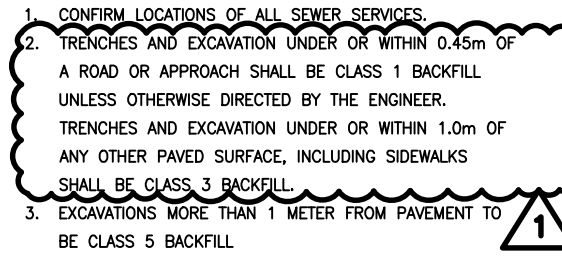
SHEET NUMBER	CITY OF WINNIPEG DRAWING NUMBER	DRAWING TITLE	DRAWING TITLE
1	13825	COVER PAGE	
2	13826	DRAWING INDEX	DESIGN NOTES, LEGEND, & ABBREVIATIONS
3	13827	ALLAN STREET (C/L)	MH AT THAMES AVENUE TO TEE IN MAIN
4	13828	BARRINGTON AVENUE (N P/L)	2ND MH W OF ST MARY'S ROAD TO 3RD MH W OF ST MARY'S ROAD
5	13829	CARTER AVENUE	MH AT ARBUTHNOT STREET TO 1ST MH W OF ARBUTHNOT STREET
6	13830	CARTER AVENUE	1ST MH W OF ARBUTHNOT STREET TO MH AT LILAC STREET
7	13831	CHANCELLOR DRIVE	MH AT ALUMNI PLACE (E LEG) TO MH AT ALUMNI PLACE (W LEG)
8	13832	CLOUTIER DRIVE	2ND MH W OF STORMONT DRIVE TO 1ST MH W OF STORMONT DRIVE
9	13833	CORINNE STREET	MH AT CEDARCREST DRIVE TO MH AT MARK PEARCE AVENUE
10	13834	CROMWELL STREET	1ST MH W OF ST MARY'S ROAD TO TIE-IN AT ST MARY'S ROAD
11	13835	DUNKIRK DRIVE (W P/L)	MH AT W FERNWOOD AVENUE TO NODE N OF W FERNWOOD AVENUE
12	13836	DUNROBIN AVENUE	MH AT ROCH STREET (W P/L) TO 1ST MH W OF ROCH STREET
13	13837	DUNROBIN AVENUE (C/L)	1ST MH E OF HENDERSON HIGHWAY TO 2ND MH E OF HENDERSON HIGHWAY
14	13838	ELDRIDGE AVENUE	MH AT LAXDAL ROAD TO 1ST MH E OF LAXDAL ROAD
15	13839	ELDRIDGE AVENUE	1ST MH E OF LAXDAL ROAD TO MH AT MAYFIELD CRESCENT (W P/L)
16	13840	ELDRIDGE AVENUE	MH AT HEWITT CRESCENT TO 1ST MH W OF HEWITT CRESCENT
17	13841	ELDRIDGE AVENUE	1ST MH W OF HEWITT CRESCENT TO MH AT HANEY STREET
18	13842	GORDON AVENUE	2ND MH E OF LACY STREET TO 1ST MH E OF LACY STREET
19	13843	HASTINGS BOULEVARD (C/L)	1ST MH W OF DUNKIRK DRIVE TO 1ST MH E OF DUNKIRK DRIVE
20	13844	HAZEL PARK DRIVE (N LEG)	1ST MH W OF GROVELAND BAY (E LEG) TO MH AT GROVELAND BAY (E LEG)
21	13845	HECTOR AVENUE	1ST MH E OF STAFFORD STREET TO 2ND MH E OF STAFFORD STREET
22	13846	HECTOR AVENUE	MH AT WENTWORTH STREET TO 1ST MH E OF WENTWORTH STREET
23	13847	HECTOR AVENUE	1ST MH E OF WENTWORTH STREET TO MH AT LILAC STREET
24	13848	JUBINVILLE BAY (E LEG)	1ST MH N OF JUBINVILLE BAY (S LEG) TO MH AT BETOURNAY STREET
25	13849	JUBINVILLE BAY (W LEG)	MH AT JUBINVILLE BAY (S LEG) TO 1ST MH N OF JUBINVILLE BAY
26	13850	KANATA STREET	MH AT REGENT AVENUE E TO MH AT VICTORIA AVENUE E
27	13851	KANATA STREET	MH AT YALE AVENUE E TO MH AT RAVELSTON AVENUE E
28	13852	KERN CRESCENT (N LEG)	1ST MH N OF ROSSEAU AVENUE E TO 1ST MH W OF WABASHA STREET
29	13853	KERN DRIVE	1ST MH S OF ROSSEAU AVENUE E TO 1ST MH NW OF ROSSEAU AVENUE E
30	13854	KERN DRIVE (E LEG)	1ST MH NW OF ROSSEAU AVENUE E TO 1ST MH E OF WABASHA STREET
31	13855	KINSBOURNE GREEN	1ST MH N OF WESTBOURNE CRESCENT (E OF C/L) TO MH AT WESTBOURNE CRESCENT
32	13856	LAKESHORE ROAD	1ST MH N OF CHANCELLOR DRIVE TO MH AT CHANCELLOR DRIVE
33	13857	MARSHALL CRESCENT (N LEG)	MH AT MARSHALL CRESCENT (W LEG) TO 1ST MH E OF MARSHALL CRESCENT (W LEG)
34	13858	OAKENWALD AVENUE	1ST MH W OF WOODGROVE STREET TO MH AT WOODGROVE STREET
35	13859	PEMBINA HIGHWAY	MH AT CHANCELLOR DRIVE TO 1ST MH N OF CHANCELLOR DRIVE
36	13860	PROVIDENCE PLACE	MH AT AUGUSTA DRIVE TO 1ST MH N OF AUGUSTA DRIVE
37	13861	ROSS AVENUE	2ND MH W OF JUBA STREET TO 3RD MH W OF JUBA STREET
38	13862	ST ANNES ROAD	MH AT AVONDALE ROAD TO MH AT REGAL AVENUE
39	13863	ST DAVID PLACE (W LEG)	MH AT ST DAVID PLACE (S LEG) TO MH AT ST DAVID ROAD
40	13864	VICTORIA AVENUE EAST	1ST MH W OF KANATA STREET TO MH AT KANATA STREET
41	13865	WALLER AVENUE	1ST MH E OF MARSHALL CRESCENT (E LEG) TO 1ST MH W OF MARSHALL CRESCENT (E LEG)
42	13866	WALLER AVENUE (S OF C/L)	1ST MH E OF DONNELLY STREET TO 2ND MH E OF DONNELLY STREET
43	13867	WEATHERDON AVENUE	MH AT STAFFORD STREET (E P/L) TO 1ST MH E OF STAFFORD STREET
44	13868	WEATHERDON AVENUE	MH AT WENTWORTH STREET TO 1ST MH E OF WENTWORTH STREET
45	13869	WICKLOW STREET	1ST MH N OF NORTH DRIVE TO 1ST MH N OF WATERFORD AVENUE
46	13870	WICKLOW STREET	1ST MH N OF DOWKER AVENUE TO MH AT DOWKER AVENUE
47	13871	WILLIAM NEWTON AVENUE	MH AT ALLEN STREET TO 1ST MH E OF ALLAN STREET
48	13872	WOODGROVE STREET	MH AT OAKENWALD AVENUE TO 1ST MH N OF OAKENWALD AVENUE

HATCH PATTERNS

EXTERNAL POINT REPAIR LOCATION

CONSTRUCTION NOTES

- CONFIRM LOCATIONS OF ALL SEWER SERVICES.
- TRENCHES AND EXCAVATION UNDER OR WITHIN 0.45m OF A ROAD OR APPROACH SHALL BE CLASS 1 BACKFILL UNLESS OTHERWISE DIRECTED BY THE ENGINEER. TRENCHES AND EXCAVATION UNDER OR WITHIN 1.0m OF ANY OTHER PAVED SURFACE, INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
- EXCAVATIONS MORE THAN 1 METER FROM PAVEMENT TO BE CLASS 5 BACKFILL.
- EXTERNAL POINT REPAIRS:
 - ALL PIPE SHALL HAVE CLASS B BEDDING WITH BEDDING SAND.
 - CONTRACTOR TO CONFIRM EPR EXTENTS VIA PRE-REPAIR INSPECTION PRIOR TO UNDERTAKING EPRs.
- SEE APPENDIX C FOR MINIMUM TRAFFIC REQUIREMENTS TO BE MAINTAINED.



ABBREVIATIONS

ABBREVIATION	DESCRIPTION
WWS	WASTE WATER SEWER
CS	COMBINED SEWER
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
MAX	MAXIMUM
SL	STREET LIGHTING
TS	TRAFFIC SIGNALS
ABAND	ABANDONED
BLDG	BUILDING
HSE	HOUSE
CRN	CORNER
OPP	OPPOSITE
C/S OR S/C	CURB STOP
MTS	MANITOBA TELEPHONE SYSTEM
R.O.W.	RIGHT-OF-WAY
WM	WATERMAIN
CULV	CULVERT
MH	MANHOLE
CB	CATCH BASIN
CI	CURB INLET
VERT.	VERTICAL
HORZ.	HORIZONTAL
I.B.	IRON BAR
FIBRE	FIBRE OPTIC
TYP	TYPICAL
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	VITRIFIED CLAY
CI	CAST IRON
DI	DUCTILE IRON
PVC	POLYVINYL CHLORIDE
HDPE	HIGH DENSITY POLYETHYLENE
PCCP	PRESTRESSED CONCRETE CYLINDER PIPE

LEGEND

EXISTING	PROPOSED

**ENGINEERS
GEOSCIENTISTS
MANITOBA**

Certificate of Authorization
Stantec Consulting Ltd.
No. 1301

TENDER NO. 1137-2025

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.

NO.	REVISIONS	DATE	BY
1	REVISED FOR TENDER ADDENDUM 2	26.03.26	NK
0	ISSUED FOR CONSTRUCTION	26.03.04	NK

Stantec
311 Portage Avenue, Winnipeg, Manitoba
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY	NK	CHECKED BY	RS
DRAWN BY	MR	APPROVED BY	NK
HOR. SCALE:	1:750	RELEASED FOR CONSTRUCTION:	S. COURNOYER, P. ENG.
VERTICAL:		DATE	26.03.03

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
G-002

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2025 SEWER MAIN RENEWALS BY CIPP LINING
CONTRACT 4
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DESIGN NOTES, LEGEND, & ABBREVIATIONS

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