DRAWING INDEX

SHEET NUMBER	CITY OF WINNIPEG DRAWING NUMBER	DRAWING TITLE
1	D-17134	COVER PAGE
2	D-17135	DRAWING INDEX, DESIGN NOTES, LEGEND, & ABBREVIATIONS
3	D-17136	ALEXANDER AVENUE- AT MCPHILLIPS STREET TO MAUDE STREET & ARLINGTON STREET & TECUMSEH STREET
4	D-17137	ALEXANDER AVENUE - AT SHERMAN STREET TO REITA STREET & OWENA STREET
5	D-17138	ALEXANDER AVENUE - AT SHERBROOK STREET TO ISABEL STREET & ELLEN STREET
6	D-17139	ALEXANDER AVENUE - TRINITY STREET TO XANTE STREET
7	D-17140	ERIC STREET - MID-BLOCK S OF BELIVEAU ROAD TO END END OF ERIC STREET
8	D-17141	HAMPSHIRE BAY (N-LEG) - DRAKE BOULEVARD TO 71 E OF DRAKE BOULEVARD
9	D-17142	HAMPSHIRE BAY (E-LEG) - 71 E OF DRAKE BOULEVARD TO WICKHAM ROAD
10	D-17143	SOUTHALL DRIVE - SALTER STREET TO 125 E OF SALTER STREET
11	D-17144	SOUTHALL DRIVE - 125 E OF SALTER STREET TO 255 E OF SALTER STREET
12	D-17145	SOUTHALL DRIVE - 255 E OF SALTER STREET TO AIKINS STREET
13	D-17146	XANTE STREET - ALEXANDER AVENUE TO PACIFIC AVENUE

ABBREVIATIONS

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 OR CLAY	VITRIFIED CLAY
CI	CAST IRON
DI	DUCTILE IRON
PVC	POLYVINYL CHLORIDE
HDPE	HIGH DENSITY POLYETHYLENE
PCCP	PRESTRESSED CONCRETE CYLINDER PIPE

LEGEND

PLAN VIEW

DESCRIPTION	ABANDONED	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., SHAW, OR VIDEON			
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			
PARKING METER			
TEST HOLE			
TREE LINE OR BUSH			

PROFILE

DESCRIPTION	ABANDONED	EXISTING	PROPOSED
WATER PIPE			
HYDRANT TOP			
VALVE			
TEE OR CROSS			
COUPLING OR BEND			
REDUCER			
END OF PIPE			
SEWER PIPE			
UNPAVED GROUND SURFACE			
PAVED GROUND SURFACE - ℄ PIPE			
GUTTER (NORTH AND WEST)			
GUTTER (SOUTH AND EAST)			
℄ DITCH (NORTH AND WEST)			
℄ DITCH (SOUTH AND EAST)			
STRUCTURE			
MANHOLE OR CATCH BASIN			

HATCH PATTERNS

EXISTING	PROPOSED	DESCRIPTION
		EARTH OR GROUND ABOVE PIPE
		SAND OR OTHER FINE MATERIAL
		CONCRETE
		WASHED STONE OR GRANULAR MATERIAL
		INTERLOCKING STONE
		METAL
		GRAVEL OR STONE

CONSTRUCTION NOTES

1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
2. LOCATION OF ALL SERVICES TO BE CONFIRMED IN THE FIELD.
3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
4. TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
5. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
6. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4 m.
7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO ℄.
8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

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
00	ISSUED FOR TENDER	2024/12/05	SC

DESIGNED BY RG | CHECKED BY SC
DRAWN BY AJ | APPROVED BY SC
SCALE: HORIZONTAL 1:250, VERTICAL 1:50
RELEASED FOR CONSTRUCTION
DATE 2024 12 05
PLOT DATE: 2024 12 05

For tender
Engineer of Record
PROVINCE OF MANITOBA
S.R.J. COURNOYER
Member 22699
2024-12-06
REGISTERED PROFESSIONAL ENGINEER
Digitally signed by Stacy Cournoyer, P. Eng.
CONSULTANT DRAWING NUMBER
-

BID OPPORTUNITY: 811-2024
CONTRACT NUMBER: 11

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2024 WATER MAIN RENEWALS
CONTRACT 11

INDEX PAGE

SHEET 2 OF 13
CITY DRAWING NUMBER
D-17135

FILE PATH: R:\DRAWINGS\WATER\RENEWAL\2024 RENEWALS\Supplemental WMR 2024 Program\Construction Dwgs\
FILE NAME: INDEX PAGE - CONTRACT 11.dwg