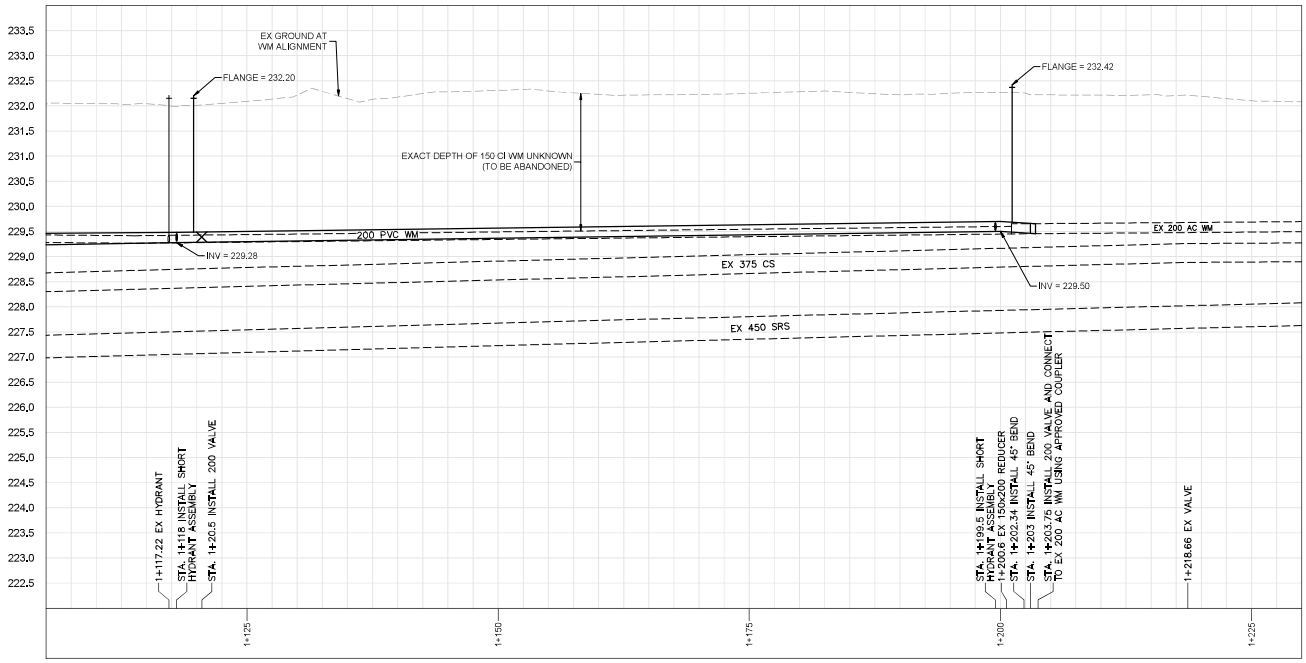
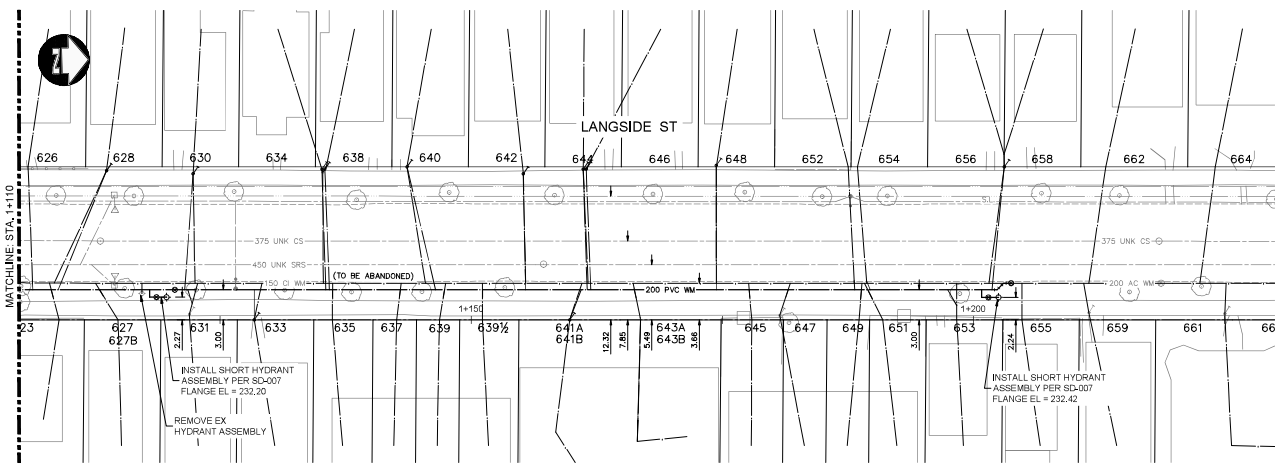


NOTE: CHAINAGES SHOWN ARE ALONG THE EAST PROPERTY LINE OF LANGSIDE STREET



SYMBOLS:

- HYDRO MANHOLE
- TELEPHONE MANHOLE
- TRAFFIC SIGNAL SPLICE PIT
- WATER VALVE
- HYDRANT
- CURB STOP
- GAS VALVE
- HYDRO POLE
- HYDRO POLE WITH LIGHT
- LIGHT STANDARD
- TRAFFIC SIGNAL
- SIGNAL CONTROL BOX
- BELLMTS PEDESTAL
- TREE
- IRON PROPERTY BAR
- HYDRO GUY ANCHOR

ABBREVIATIONS:

WWS	WASTE WATER SEWER	CI	CURB INLET
CS	COMBINED SEWER	VERT	VERTICAL
LDS	LAND DRAINAGE SEWER	HORZ	HORIZONTAL
CL	CENTER LINE	TYP	TYPICAL
GIS	GEOGRAPHIC INFORMATION SYSTEM	HYD	HYDRANT
BM	BENCH MARK	EX	EXISTING
TH	TEST HOLE	N	NORTH
ELEV	ELEVATION	E	EAST
INV	INVERT	S	SOUTH
OBV	OBVERT	W	WEST
MIN	MINIMUM	W/	WITH
MAX	MAXIMUM	C/W	CONSTRUCTED WITH
SL	STREET LIGHTS	CONC	CONCRETE
TS	TRAFFIC SIGNALS	ASP	ASPHALT
ABAND	ABANDONED	AC	ASBESTOS CEMENT
BLDG	BUILDING	VC	VITRIFIED CLAY
HSE	HOUSE	CI	CAST IRON
CRN	CORNER	DI	DUCTILE IRON
OPP	OPPOSITE	PVC	POLYVINYL CHLORIDE
WM	WATERMAIN	HDPE	HIGH DENSITY POLYETHYLENE
MH	MANHOLE	PCCP	PRESTRESSED CONCRETE CYLINDER PIPE
CB	CATCH BASIN		

WATERMAIN CONSTRUCTION NOTES:

1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
2. EXISTING UNDERGROUND UTILITIES SHOWN BASED ON BEST INFORMATION AVAILABLE. LOCATION OF ALL SERVICES TO BE CONFIRMED IN THE FIELD.
3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
4. TRENCHES AND EXCAVATIONS WITHIN 1.0 m OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
5. ALL WORK AND MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
6. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.5 m.
7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO PROPERTY LINE.
8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.
9. A MINIMUM CLEARANCE OF 1.0 m MUST BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EXISTING WATERMAIN OR SEWERMAIN AND THE TOP OF THE PROPOSED WORKS. THIS INSTALLATION BY TRENCHLESS METHOD ONLY.
10. A MINIMUM CLEARANCE OF 0.5 m MUST BE PROVIDED BETWEEN THE UNDERSIDE OF THE PROPOSED WORKS AND THE TOP OF ANY EXISTING WATERMAIN OR SEWERMAIN.
11. A SHAFT MUST BE EXCAVATED BY SOFT DIG METHODS 4.0m FROM THE CENTRELINE OF THE EXISTING WATERMAIN OR SEWERMAIN PIPE TO CONFIRM THE ALIGNMENT AND ELEVATION OF THE DRILLING ROD BEFORE IT CROSSES OVER OR UNDER THE EXISTING WATERMAIN OR SEWERMAIN PIPE. THIS CONFIRMATION MUST BE WITNESSED BY A CITY REPRESENTATIVE.

WATER SERVICE INFORMATION

ADDRESS	SIZE (mm) MATERIAL (STREET)	SIZE (mm) MATERIAL (PROP.)	SHORT & LONG MEASUREMENTS	CORP. LOCATION	REMARKS
623 LANGSIDE ST RESIDENTIAL	20 CU	20 CU	1.1M S N/BL	1.1M S C/S	RECONNECT SERVICE
626 LANGSIDE ST RESIDENTIAL	20 CU	20 CU	1.1M N S BL 1.9M N S LL	0.5M N C/S	RECONNECT SERVICE
627 LANGSIDE ST RESIDENTIAL	20 CU	20 CU	2.4M S N/BL 311 NNL	8 S OF S/C	RECONNECT SERVICE
628 LANGSIDE ST RESIDENTIAL	12 CU	12 LEAD	OPP SL OF S WINDOW 309 NNL SARGENT	19 S OF S/C	RENEW SERVICE
630 LANGSIDE ST RESIDENTIAL	12 LEAD	12 LEAD	1 SSL WINDOW 336 NNL SARGENT	SAME AS S/C	RENEW SERVICE
631 LANGSIDE ST RESIDENTIAL	20 CU	12 LEAD	8 N SL 337 NNL SARGENT	4 N OF S/C	RECONNECT SERVICE
633 LANGSIDE ST RESIDENTIAL	20 LEAD	20 CU	5.5 NSL HOUSE 356 NNL SARGENT	2.5 S OF S/C	RENEW SERVICE
634 LANGSIDE ST RESIDENTIAL	20 CU	12 LEAD	3.5 NNL OF 634 59 N 1ST HYD N SARGENT	OPP S/C 634	SPLIT DOUBLE SERVICE INSTALL NEW SERVICE
636 LANGSIDE ST RESIDENTIAL	20 CU	12 LEAD	2 SSL OF 636 60 N 1ST HYD N SARGENT	OPP S/C 634	SPLIT DOUBLE SERVICE INSTALL NEW SERVICE
635 LANGSIDE ST RESIDENTIAL	20 CU	20 CU	6 NSL BLDG 68 N 1ST HYD N SARGENT	OPP S/C	RECONNECT SERVICE
637 LANGSIDE ST RESIDENTIAL	20 CU	20 CU	27 NSL HOUSE 401 NNL SARGENT	1.5 S OF S/C	RECONNECT SERVICE
639 LANGSIDE ST RESIDENTIAL	20 CU	20 CU	23 SNL OF S/C 97 N 1ST HYD N OF SARGENT	2 N OF S/C	RECONNECT SERVICE
639 1/2 LANGSIDE ST RESIDENTIAL	20 CU	20 CU	7 SNL OF BLDG 111 N 1ST HYD N SARGENT	OPP S/C	RECONNECT SERVICE
640 LANGSIDE ST RESIDENTIAL	12 LEAD	12 LEAD	2 NSL HOUSE 405 NNL SARGENT	6 N OF S/C	RENEW SERVICE
641 A/B LANGSIDE ST RESIDENTIAL	16 LEAD	12 CU	16.5 NSL OF 641 455 NNL SARGENT	4 N OF S/C	RENEW SERVICE
642 LANGSIDE ST RESIDENTIAL	12 LEAD	12 LEAD	OPP SL DOOR 444 NNL SARGENT	SAME AS S/C	RENEW SERVICE
643 LANGSIDE ST RESIDENTIAL	20 UNK	20 CU	7M S/N/BL 8M S/N/LL	2 S OF S/C	RECONNECT SERVICE
644 LANGSIDE ST RESIDENTIAL	20 CU	12 LEAD	6 NSL 644 145.5 N 1ST HYD N SARGENT	OPP S/C 644	SPLIT DOUBLE SERVICE INSTALL NEW SERVICE
646 LANGSIDE ST RESIDENTIAL	20 CU	20 CU	7 NSL 644 146.5 N 1ST HYD N SARGENT	OPP S/C 644	SPLIT DOUBLE SERVICE INSTALL NEW SERVICE
645 LANGSIDE ST RESIDENTIAL	20 CU	20 CU	10 NSL OF BLDG 205 N 2ND HYD S CUMBERLAND	1 S OF S/C	RECONNECT SERVICE
647 LANGSIDE ST RESIDENTIAL	20 CU	20 CU	13.5 NSL BLDG 209 N 2ND HYD S CUMBERLAND	OPP S/C 644	RECONNECT SERVICE
648 LANGSIDE ST RESIDENTIAL	12 LEAD	12 LEAD	6 NSL HOUSE 512 NNL SARGENT	SAME AS S/C	RENEW SERVICE
649 LANGSIDE ST RESIDENTIAL	20 CU	20 CU	19 SNL OF BLDG 234 N 2ND HYD S CUMBERLAND	1 N OF S/C	RECONNECT SERVICE
651 LANGSIDE ST RESIDENTIAL	20 CU	20 CU	12 SNL OF BLDG 241 N 2ND HYD S CUMBERLAND	8 S OF S/C	RECONNECT SERVICE
652 LANGSIDE ST RESIDENTIAL	20 CU	12 LEAD	2.6' NNL HOUSE 96.6' S OF MAIN VALVE	2' N OF S/C	RECONNECT SERVICE
653 LANGSIDE ST RESIDENTIAL	20 CU	12 LEAD	8.5 SNL HOUSE 312 SSL CUMBERLAND	OPP S/C	RECONNECT SERVICE
654 LANGSIDE ST RESIDENTIAL	20 CU	12 LEAD	3.6' SSL HOUSE 552 NNL SARGENT	3' N OF S/C	RECONNECT SERVICE
656/658 LANGSIDE ST RESIDENTIAL	12 LEAD	12 LEAD	CENTRE BET 2 HOUSES 603 NNL SARGENT	598 NNL SARGENT	RENEW SERVICE

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 2023/02/09

150 WM	WATERMAIN	150 WM		CURB STOP		150 WM	WATERMAIN	150 WM
300 LDS	LAND DRAINAGE SEWER	300 LDS		HYDRANT		300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS		VALVE		250 WWS	WASTE WATER SEWER	250 WWS
HYDRO	HYDRO	HYDRO		BEND			HYDRANT	
BELLMTS	BELLMTS	BELLMTS		REDUCER			VALVE	
100 GAS	GAS	100 GAS		COUPLING			TEE OR CROSS	
T.S.	TRAFFIC SIGNALS	T.S.		PLUG			COUPLING OR BEND	
S.L.	STREET LIGHTS	S.L.		CROSS			REDUCER	
	MANHOLE			TEE			END OF PIPE	
	CATCH BASIN			VERTICAL BEND				
	CATCH PIT			JUNCTION				
EXISTING	LEGEND—PLAN	PROPOSED	EXISTING	LEGEND—PLAN	PROPOSED	EXISTING	LEGEND—PROFILE	PROPOSED

UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES DATE

LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO GUARANTEE OBTAINED THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION FROM ALL SERVICING AUTHORITIES MUST BE OBTAINED FROM THE RESPECTIVE AUTHORITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	23/02/09	SDG

DESIGNED BY	SDG
DRAWN BY	TJH
CHECKED BY	MRD
APPROVED BY	TJP
HOR. SCALE	1:250
VERTICAL	1:50

DILLON CONSULTING

RELEASED FOR CONSTRUCTION

DATE

ENGINEER'S SEAL

PROVINCE OF MANITOBA
S.D. GOLDSTINE
Member
42248
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NUMBER
22-4462

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

2023 RESIDENTIAL STREETS RENEWAL PROGRAM - SPRAGUE ST AND VARIOUS OTHER LOCATIONS

LANGSIDE ST - WATERMAIN RENEWAL
PLAN-PROFILE - STA. 1+110 TO END

CITY DRAWING NUMBER

SHEET 28 OF 31

CONSULTANT DRAWING NUMBER

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