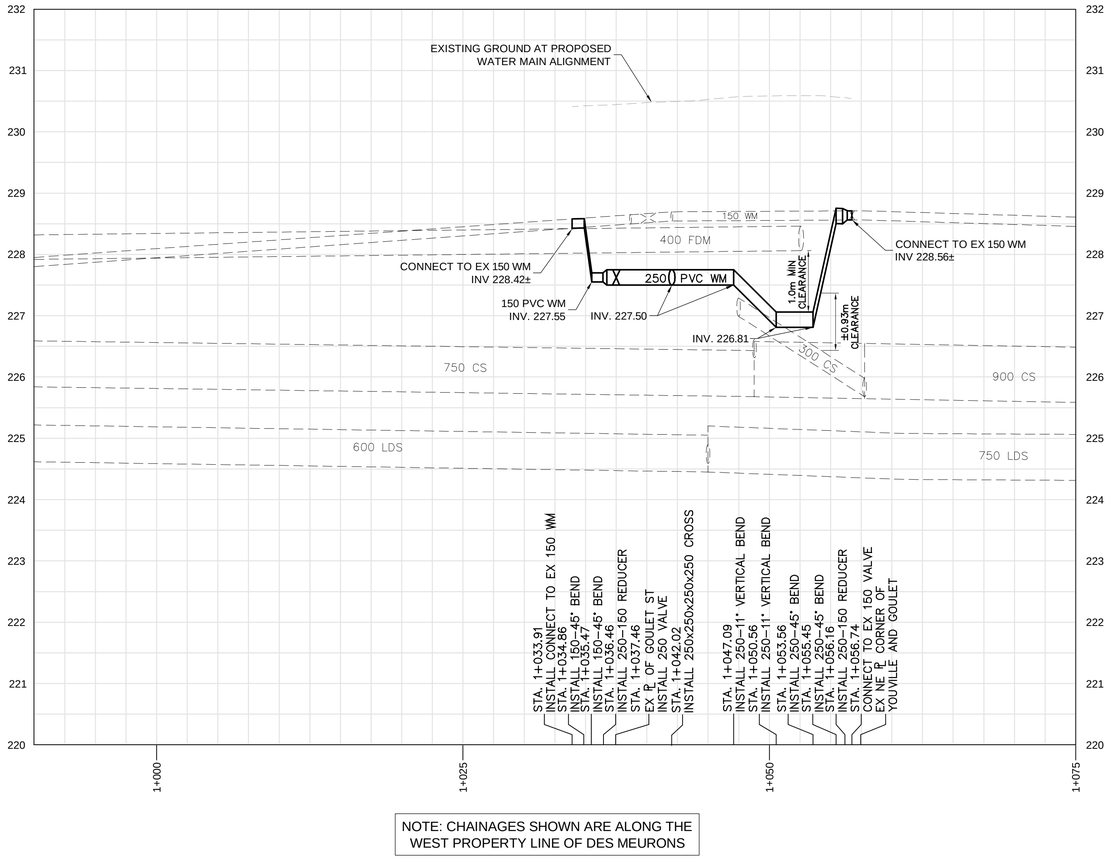
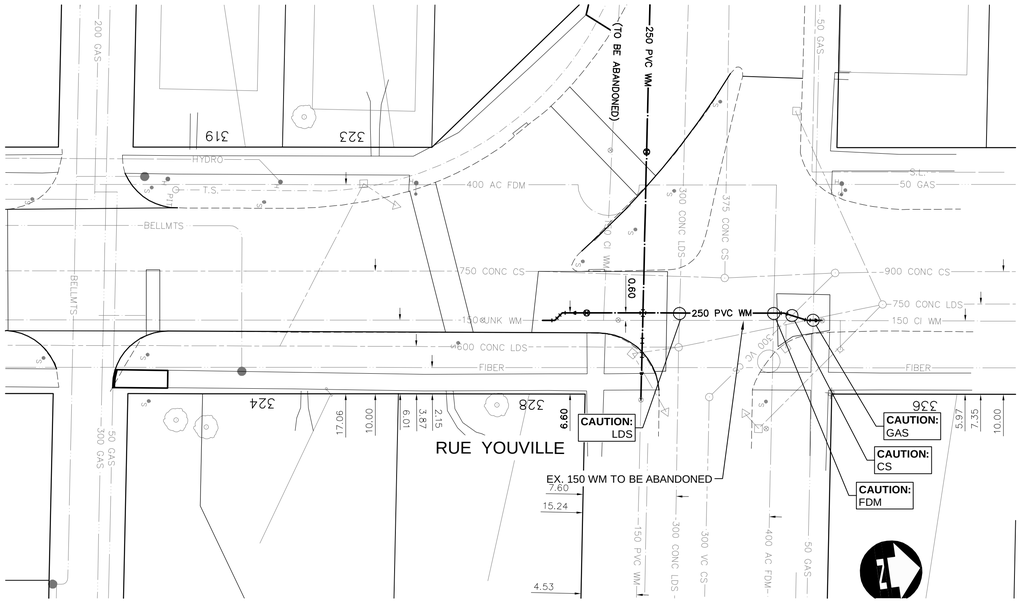


NOTE: CHAINAGES SHOWN ARE ALONG THE WEST PROPERTY LINE OF DES MEURONS



SYMBOLS:

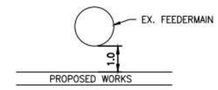
- HYDRO MANHOLE
- TELEPHONE MANHOLE
- TRAFFIC SIGNAL SPLICE PIT
- WATER VALVE
- HYDRANT
- CURB STOP
- GAS VALVE
- HYDRO POLE
- HYDRO POLE WITH LIGHT
- LIGHT STANDARD
- TRAFFIC SIGNAL
- SIGNAL CONTROL BOX
- BELLMTS PEDESTAL
- TREE
- IRON PROPERTY BAR
- HYDRO GUY ANCHOR

WATERMAIN CONSTRUCTION NOTES:

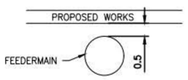
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
2. LOCATION OF ALL SERVICES TO BE CONFIRMED IN THE FIELD.
3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
4. TRENCHES AND EXCAVATIONS WITHIN 1.0 m OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
5. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
6. MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.5 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. WHERE CROSSING AN EXISTING COMBINED SEWER OR LAND DRAINAGE SEWER, THE WATERMAIN SHALL BE INSTALLED TO MAINTAIN A MINIMUM 0.5m VERTICAL CLEARANCE BETWEEN THE PIPES.

CAUTION: FEEDERMAIN

- CONTACT THE DEPARTMENT'S CONSTRUCTION SERVICE COORDINATOR AT 204-986-4289 7 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR AN INSPECTION.
- PRIOR TO ANY CONSTRUCTION THE FEEDERMAIN MUST BE EXPOSED BY A SOFT DIG METHOD SO AS TO CONFIRM DEPTH AND LOCATION.
- A MINIMUM CLEARANCE OF 1.0 METER MUST BE PROVIDED BETWEEN THE UNDERSIDE OF THE FEEDERMAIN AND THE TOP OF THE PROPOSED WORKS. THIS INSTALLATION BY TRENCHLESS METHOD ONLY.



- A MINIMUM CLEARANCE OF 0.5 METERS MUST BE PROVIDED BETWEEN THE UNDERSIDE OF THE PROPOSED WORKS AND THE TOP OF THE EXISTING FEEDERMAIN. BY TRENCHLESS OR OPEN TRENCH.



- A SHAFT MUST BE EXCAVATED BY SOFT DIG METHODS 4.0 METERS FROM THE CENTRELINE OF FEEDERMAIN TO CONFIRM THE ALIGNMENT AND THE ELEVATION OF THE DRILLING ROD BEFORE IT CROSSED OVER OR UNDER THE FEEDERMAIN. THIS CONFIRMATION MUST BE WITNESSED BY A CITY REPRESENTATIVE.

ABBREVIATIONS:

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

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

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

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
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				

UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES DATE

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
A	ISSUED FOR TENDER	23/03/15	SDG

DESIGNED BY	SDG
DRAWN BY	TJH
CHECKED BY	–
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 42249 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NUMBER
22-4677

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

REGIONAL STREET RENEWAL PROGRAM
2023 GOULET STREET REHABILITATION AND DES MEURONS RECONSTRUCTION

YOUVILLE ST - WATERMAIN RENEWAL

CITY DRAWING NUMBER P-3561-22
SHEET 22 OF 30
CONSULTANT DRAWING NUMBER

C:\pw working directory\projects 2022\dillon_40(jh)\dms43783\224677-CU-CON-WM.dwg