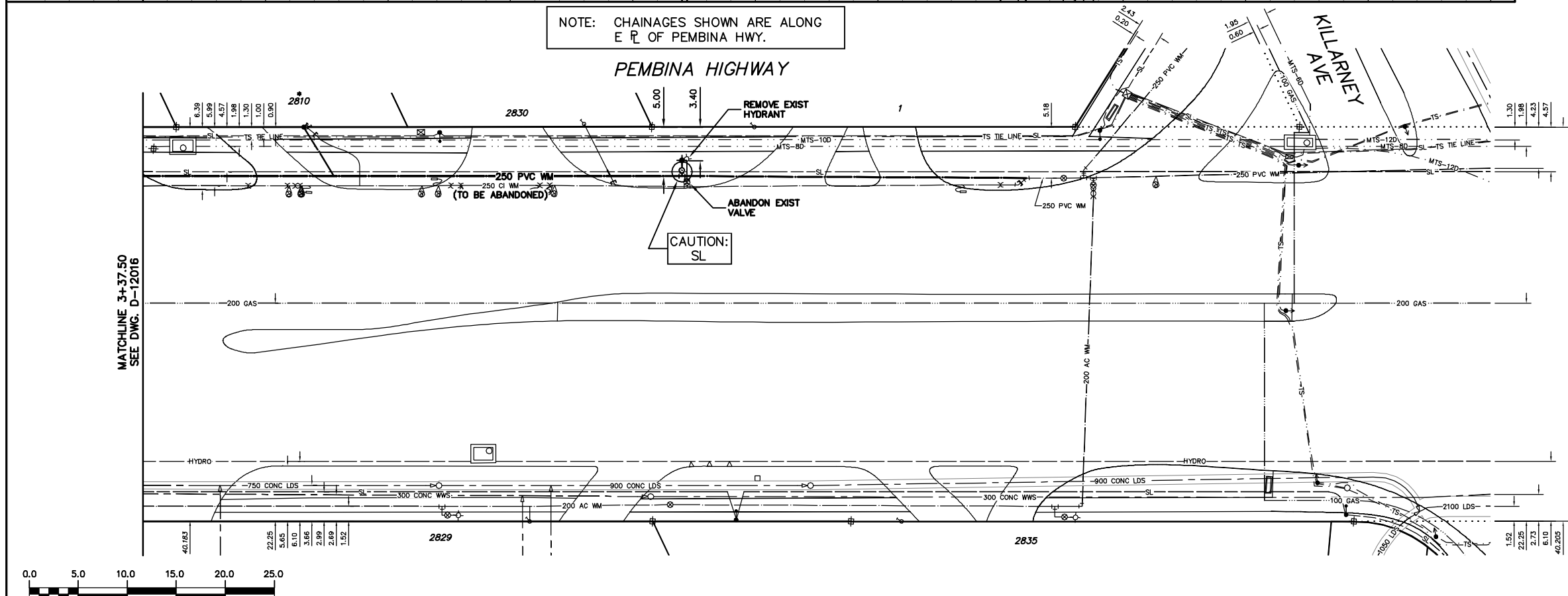


WATER SERVICE INFORMATION

ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION	
* 2810 PEMBINA HWY	20 COPPER	20 COPPER	3.31 NSL BLDG	5.39 S OF S/C	RENEW TO 2" W/ 25 COPPER
2828 PEMBINA HWY	50 COPPER	50 COPPER	78.20>NNL KILLARNEY		SERV. OFF 200 AC WM
2830 PEMBINA HWY	25 COPPER	25 COPPER	90.20>NNL KIRKBRIDGE	3.1 S OF S/C	RECONNECT SERVICE
2835 PEMBINA HWY	25 COPPER	25 COPPER	2.13 SSL BLDG		SERV. OFF 200 AC WM
1 KILLARNEY AVE	25 COPPER	25 COPPER	50.05>NNL KILLARNEY		RECONNECT SERVICE
			1.08 NSL BLDG		
			47.75>NNL KIRKBRIDGE		
			10.54 NSL BLDG		
			32.72>NNL KILLARNEY		

*SERVICES TO BE RENEWED TO 2" ALL OTHERS TO BE RECONNECTED

NOTE: CHAINAGES SHOWN ARE ALONG E.P. OF PEMBINA HWY.



- 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 E.P.
 8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

NOTE: ALL VALVES TO BE INSTALLED CLOCKWISE TO CLOSE

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	
○	200 WM	○	SL, HYDRO	○	MTS	○	150 WM	○	WATERMAIN
⊕	HYDRANT	⊕	TRAFFIC SIGNALS	⊕	GAS	⊕	HYDRANT	⊕	VALVE
○	VALVE	○	GAS	○	50 GAS	○	LAND DRAINAGE SEWER	○	300 LDS
○	525 LDS	○	50 GAS	○	300 LDS	○	LAND DRAINAGE SEWER	○	300 LDS
○	375 WWS	○	375 WWS	○	250 WWS	○	WASTEWATER SEWER	○	250 WWS
○	MANHOLE	○	* * * * *	○	⊕	○	PROFILE	○	
□	CATCH BASIN	□	POLE - HYDRO, MTS	□	⊕	○	GROUND ABOVE PIPE	○	
▽	CURB INLET	▽	CURB STOP	▽	⊕	○	⊕	⊕	⊕
▽	REDUCER	▽	GUY ANCHOR	▽	⊕	○	⊕	⊕	⊕
X	COUPLER	X	LIGHT STANDARD	X	⊕	○	⊕	⊕	⊕
○	ANODE	○	TREE	○	⊕	○	⊕	⊕	⊕

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

CITY OF WINNIPEG
WATER AND WASTE
ENGINEERING DIVISION

DESIGNED BY: DB
CHECKED BY: KZ/SC

DRAWN BY: CJH
APPROVED BY: KZ

HOR. SCALE: 1:250
VERTICAL: 1:50

RELEASED FOR CONSTRUCTION

DATE: 2010 03 25

ENGINEER'S SEAL
ORIGINAL MYLAR SIGNED BY: K.R. ZUREK 10/03/25

BID OPPORTUNITY 216-2010
FILENAME: D-12017.dwg
PLOT DATE: 2010 03 25

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2010 WATERMAIN RENEWALS
CONTRACT 2
PEMBINA HIGHWAY
100 N OF KILLARNEY AVENUE TO
KILLARNEY AVENUE

SHEET 5 OF 9
CITY DRAWING NUMBER
D-12017