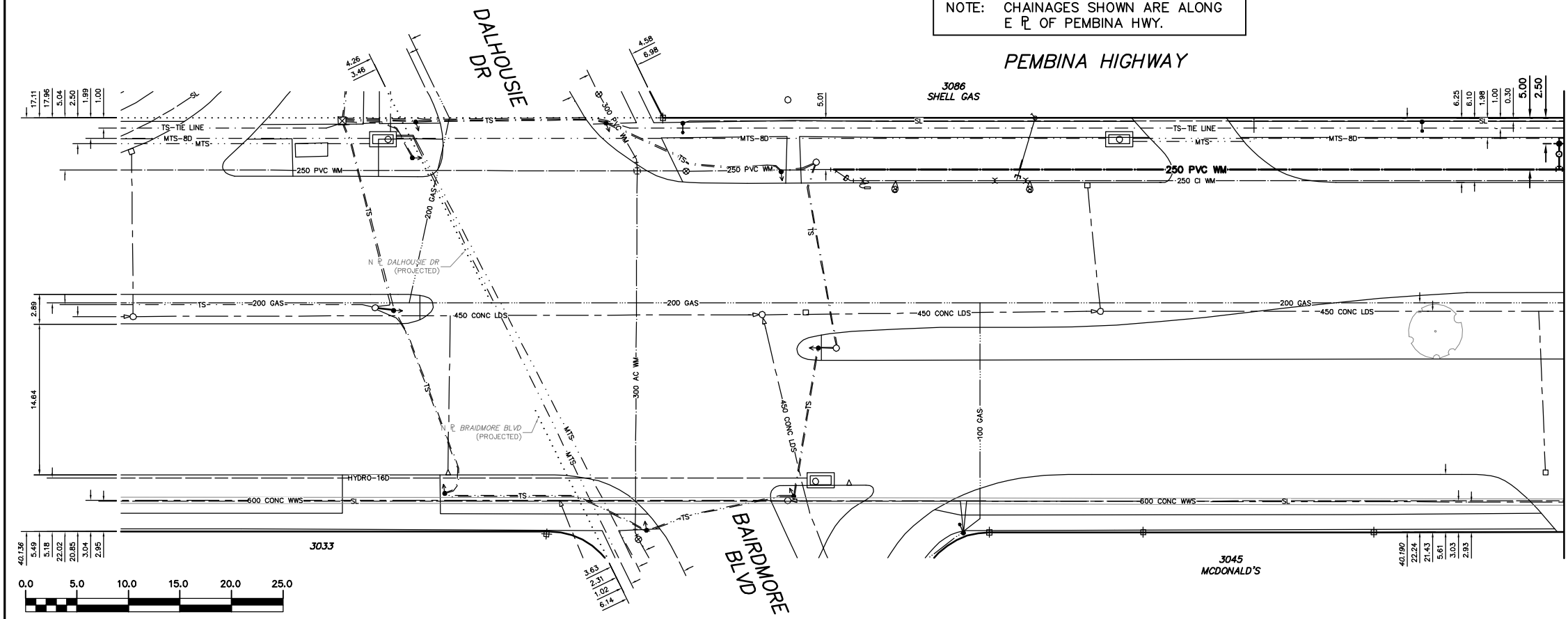


WATER SERVICE INFORMATION

ADDRESS	SIZE(mm) & TYPE (STREET)	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION
3045 PEMBINA HWY COMMERCIAL	-	50	1.81 EWL BLDG 45.04 WML PEMBINA	-
3089 PEMBINA HWY COMMERCIAL	200	200	1.75 NSL BLDG 180.58 SSL DALHOUSIE	OPP VALVE
3086 PEMBINA HWY COMMERCIAL	50	25	6.45 NSL BLDG 36.09 SSL DALHOUSIE	1.8 N OF S/C
3096 PEMBINA HWY COMMERCIAL	25	25	4.71 SSL BLDG 178.69 SSL DALHOUSIE	0.4 N OF S/C
3100 PEMBINA HWY COMMERCIAL	150	150	44.17 SNL BLDG 234.73 SSL DALHOUSIE	OPP VALVE
3105 PEMBINA HWY COMMERCIAL	200	200	5.66 NNL BLDG 229.99 SSL DALHOUSIE	OPP VALVE

* SERVICES TO BE RENEWED TO R ALL OTHERS TO BE RECONNECTED

NOTE: CHAINAGES SHOWN ARE ALONG E R 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 R.
 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	---	---	○	150 WM	○
⊕	HYDRANT	⊕	MTS	---	---	⊕	HYDRANT	⊕
⊙	VALVE	⊙	TRAFFIC SIGNALS	---	---	⊙	VALVE	⊙
—	525 LDS LAND DRAINAGE SEWER	—	GAS	---	---	—	50 GAS	—
—	375 WWS WASTEWATER SEWER	—	SURVEY BAR	---	---	—	300 LDS LAND DRAINAGE SEWER	—
○	MANHOLE	○	FENCE	---	---	○	250 WWS WASTEWATER SEWER	○
□	CATCH BASIN	□	POLE - HYDRO, MTS	---	---	○	PROFILE	○
▽	CURB INLET	▽	CURB STOP	---	---	—	GROUND ABOVE PIPE	—
▽	REDUCER	▽	GUY ANCHOR	---	---	—	⊕ DITCH (NORTH & WEST)	—
X	COUPLER	X	LIGHT STANDARD	---	---	—	⊕ DITCH (SOUTH & EAST)	—
○	ANODE	○	TREE	---	---	—	⊕ GUTTER (NORTH & EAST)	—
○	EXISTING	○	PROPOSED	○	EXISTING	○	PROPOSED	○

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.

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

DATE: 2010 03 25

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

BID OPPORTUNITY 216-2010
FILENAME: D-12018.dwg
PLOT DATE: 2010 03 25

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2010 WATERMAIN RENEWALS CONTRACT 2
PEMBINA HIGHWAY
DALHOUSIE DRIVE TO
87.50 S OF DALHOUSIE DRIVE

SHEET 6 OF 9
CITY DRAWING NUMBER
D-12018