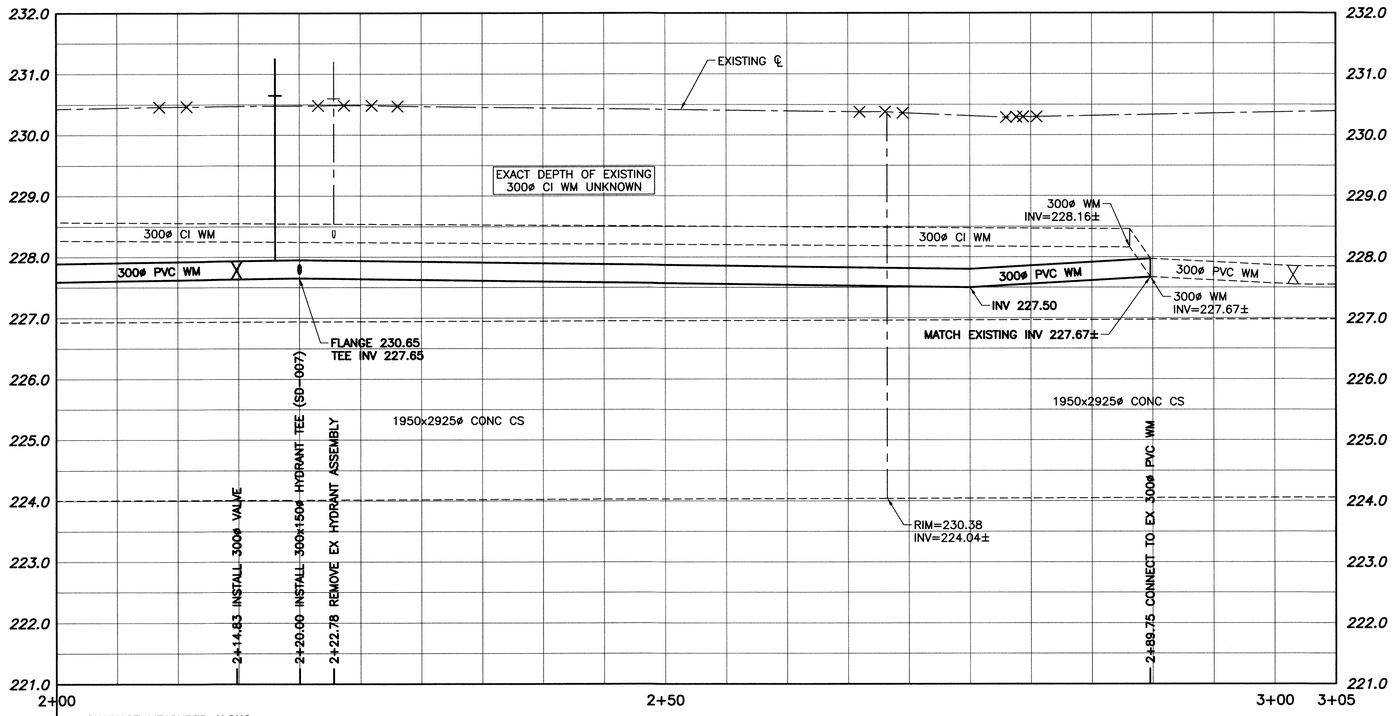
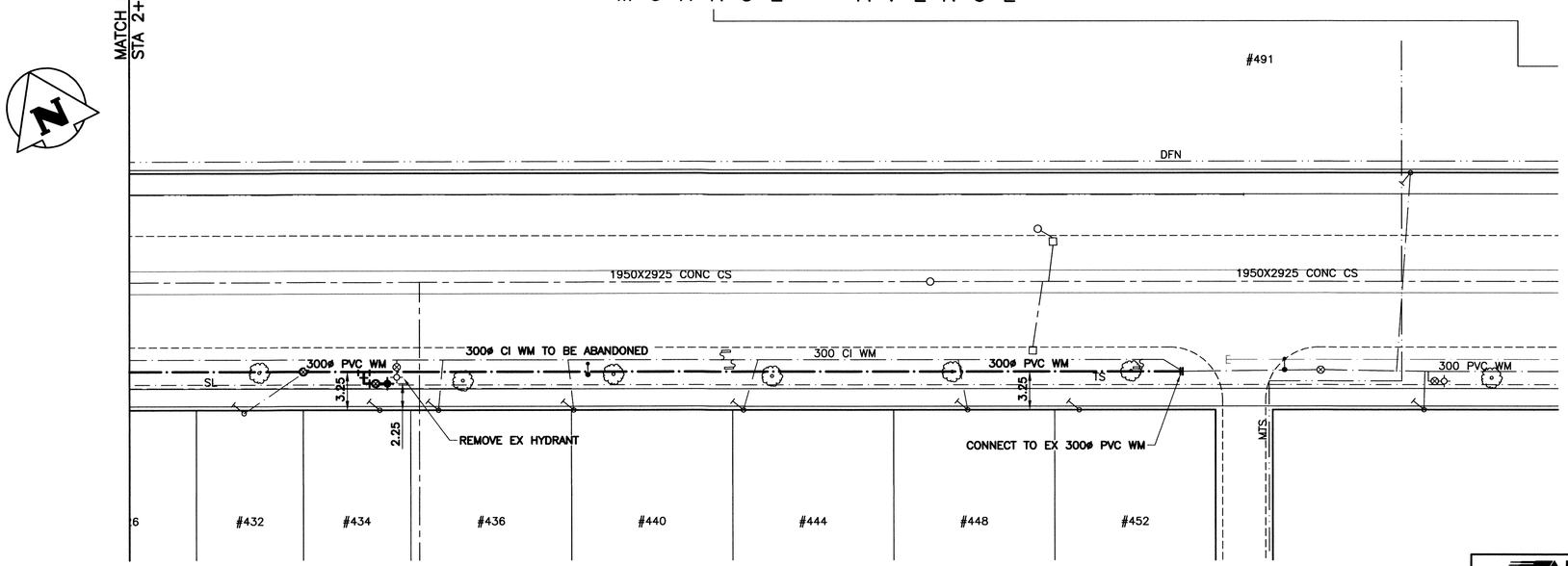


PROFILE

SCALE: 1:250H 1:50V

MATCH LINE STA 2+00

MUNROE AVENUE



PLAN

SCALE: 1:250

WATER SERVICE INFORMATION				
ADDRESS	SIZE & MATERIAL	CURB STOP MEASUREMENTS		CORP LOCATION
432 MUNROE AVE	LEAD	4.10 EWLL		7.44 W OF HYD
434 MUNROE AVE		1.37 WEHL		
436 MUNROE AVE	12 CU	1.37 EWHL		2.74 E OF HYD
440 MUNROE AVE	12 CU	0.30 WWHL		13.41 E OF HYD
444 MUNROE AVE	CU	1.22 EWHL		29.57 E OF HYD
448 MUNROE AVE	12 CU	5.80 WEHL	7.40 WELL	46.63 E OF HYD
452 MUNROE AVE		0.73 EWHL		75.59 E OF HYD
491 MUNROE AVE	50 CU	12.20 EELL		4.95 W OF HYD
491 MUNROE AVE	50 CU	70.10 WEHL		11.55 E OF HYD

CONSTRUCTION NOTES:

1. INSTALL WATER MAIN BY TRENCHLESS METHODS.
2. ALL MATERIALS TO CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
3. MINIMUM COVER TO TOP OF PROPOSED WATER MAIN IS 2.5m FROM STREET CENTERLINE.
4. INSTALL ALL HYDRANTS WITH FLANGE ELEVATION 50mm TO 150mm ABOVE FINISHED GRADE.
5. REPLACE ALL EXISTING LEAD SERVICES FROM THE PROPOSED WATER MAIN TO PROPERTY LINE.
6. BACKFILL UNDER OR WITHIN 1.0m OF PAVEMENTS, (INCLUDING SIDEWALKS) IS CLASS 3 BACKFILL EXCEPT AS NOTED. BACKFILL IN BOULEVARDS IS CLASS 5 BACKFILL.
7. WATER VALVES ARE CLOCKWISE TO CLOSE (BLACK OPERATING NUT).

WARNING

1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
3. SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

PROPERTY LIMITS DELINEATION

DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0 1.0 2.0 3.0 4.0m
SCALE: 1:50m (A1)

0 5.0 10.0 15.0 20.0m
SCALE: 1:250m (A1)

APEGM Certificate of Authorization KGS Group No. 245

EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PROFILE	PROPOSED
150 WM	WATER MAIN	150 WM		HYDRO		150 WM	WATER MAIN	150 WM
⊹	HYDRANT	✦		M.T.S.		±, ⊠	HYDRANT, VALVE	±
⊗	VALVE	⊗		CONCRETE		300 LDS	LAND DRAINAGE SEWER	300 LDS
300 LDS	LAND DRAINAGE SEWER	300 LDS		ASPHALT		250 WWS	WASTE WATER SEWER	250 WWS
250 WWS	WASTE WATER SEWER	250 WWS		SIDEWALK		⊠	CENTRELINE	
○	MANHOLE	●		PLANING		□	NORTH/WEST GUTTER	
□	CATCH BASIN	■		PROPERTY LINE		○	SOUTH/EAST GUTTER	
▽	CURB INLET	▼	⊕	SURVEY BAR	✦	◇, ○	N/W , S/E P'S	
⊢	BEND	⊢		GAS				
⊽	REDUCER	⊽		CURB STOP				
⊐		⊐		TEE				

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. KGS BASE ELEV. | DWGS BASE ON C.S.R.S. NAD 83 SYSTEM UTM GRID.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	16/04/27	RBO

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY	MAT	CHECKED BY	BJM
DRAWN BY	GEL	APPROVED BY	RBO
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:	1:50		
DATE	16/01/26	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA R.B. OFFMAN Member 24701 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
16-0107-002_C14

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

PROJECT TITLE
2016 WATER MAIN RENEWALS
CONTRACT 4
MUNROE AVENUE
ROCH STREET TO MID BLOCK TIE–IN
STA 2+00 TO MID BLOCK TIE–IN

SHEET OF
14 OF 14
COMPUTER FILE NAME
16-0107-002_CALL
CITY DRAWING NUMBER
D–14343

FileName: U:\PMS\16-0107-002\16-0107-002_CALL.dwg – Tab: C14 Plotted By: gloewen 16/04/26 [Tue 10:30am]