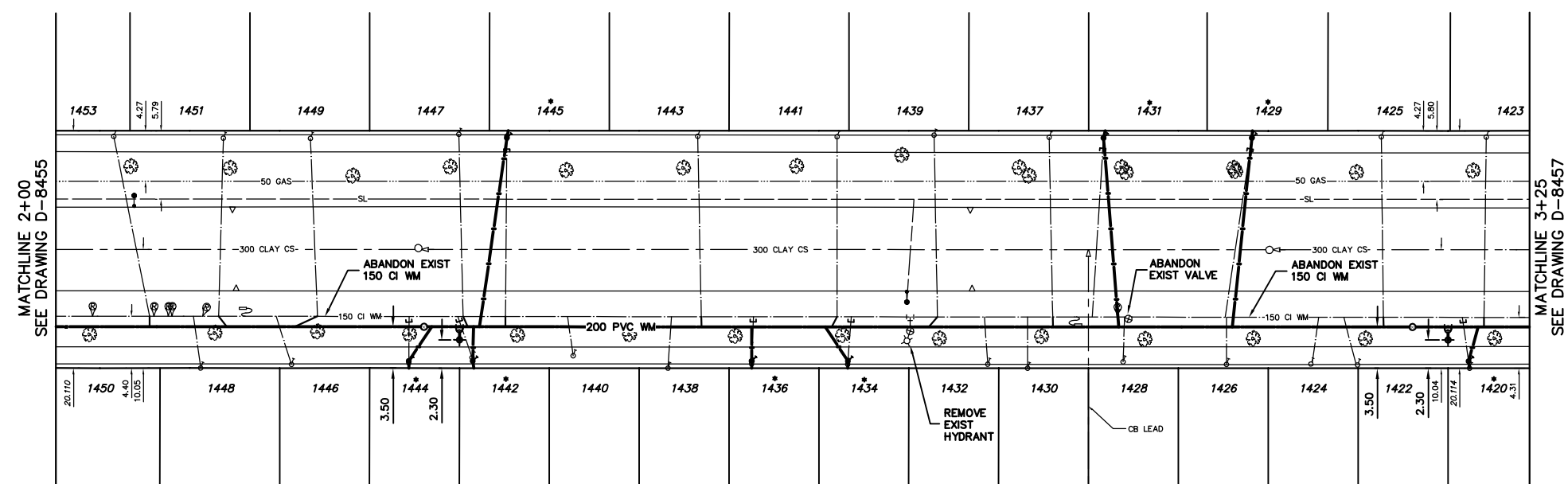


WATER SERVICE INFORMATION					
ADDRESS	SIZE(mm) & TYPE	SIZE(mm) & TYPE (PROP)	SHORT & LONG MEASUREMENT	CORP. LOCATION	REMARKS
1453 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	0.3 WEL HSE	3.05 E OF S/C	-
1451 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	30.5 EEL CAMPION	-	-
1449 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	0.30 W EL BASEMENT	3.05 E OF S/C	-
1448 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	39.01 E EL CAMPION	-	-
1447 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	2.74 E WL HOUSE	46.02 E EL CAMPION	-
1446 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	46.63 E EL CAMPION	-	-
1445 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	1.37 W EL HOUSE	OPP S/C	-
1444 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	68.88 E EL CAMPION	-	-
1443 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	0.30 E WL HOUSE	53.04 E EL CAMPION	-
1442 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	53.95 E EL CAMPION	-	-
1441 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	0.37 E WL HOUSE	OPP S/C	-
1440 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	72.48 E EL CAMPION	-	-
1439 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	2.74 E WL HOUSE	OPP S/C	-
1438 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	64.31 E EL CAMPION	-	-
1437 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	1.22 W EL HOUSE	0.61 E OF S/C	-
1436 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	58.83 E EL CAMPION	-	-
1435 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	0.61 E WL CELLAR	1.22 W OF S/C	-
1434 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	69.49 E WL CAMPION	-	-
1433 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	0.61 W EL HOUSE	0.30 E OF S/C	-
1432 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	104.55 W WL FLINT	-	-
1431 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	1.52 E WL HOUSE	OPP S/C	-
1430 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	28.25 W 2nd HYD. W FLINT	-	-
1429 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	0.30 E OF S/C	-	-
1428 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	89.61 E EL CAMPION	-	-
1427 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	86.26 E EL CAMPION	86.56 E EL CAMPION	-
1426 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	2.13 W EL HOUSE	0.61 E OF S/C	-
1425 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	95.10 W WL FLINT	-	-
1424 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	1.07 E WL CELLAR	0.30 E OF S/C	-
1423 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	101.19 E EL CAMPION	-	-
1422 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	1.52 E WL CELLAR	93.42 E EL CAMPION	-
1421 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	93.27 E EL CAMPION	-	-
1420 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	0.30 W EL HOUSE	OPP S/C	-
1419 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	100.28 W WL FLINT	-	-
1418 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	90.22 W WL FLINT	-	-
1417 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	2.44 E WL HOUSE	OPP S/C	-
1416 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	96.62 W WL FLINT	-	-
1415 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	4.57 W EL HOUSE	2.29 W OF S/C	-
1414 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	77.57 W WL FLINT	-	-
1413 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	1.83 E WL HOUSE	OPP S/C	-
1412 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	88.39 W WL FLINT	-	-
1411 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	0.30 W WL FLINT	OPP S/C	-
1410 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	3.35 E WL HOUSE	0.30 E OF S/C	-
1409 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	66.75 W WL FLINT	-	-
1408 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	81.08 W WL FLINT	-	-
1407 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	72.54 W WL FLINT	0.61 E OF S/C	-
1406 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	72.54 W WL FLINT	OPP S/C	-
1405 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	57.91 W WL FLINT	-	-
1404 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	0.61 W EL BASEMENT	0.91 W OF S/C	-
1403 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	68.88 W WL FLINT	-	-
1402 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	1.37 EWL CELLAR	59.74 W WL FLINT	-
1401 LINCOLN AVE RESIDENTIAL	13 COPPER	13 COPPER	59.13 W WL FLINT	-	-

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

NOTE: CHAINAGES SHOWN ARE ALONG S. R. OF LINCOLN AVE.

LINCOLN AVENUE



- 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

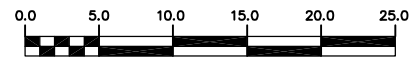
NOTE: ALL VALVES TO BE INSTALLED COUNTERCLOCKWISE TO CLOSE

**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



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

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/O 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. ELEV. FIELD BOOK #

POSTED TO LBS

DESIGNED BY DS/CJH CHECKED BY TW

DRAWN BY RWK/CJH APPROVED BY KZ

HOR. SCALE 1:250  
VERTICAL 1:50

RELEASED FOR CONSTRUCTION

NO. REVISIONS DATE BY

DATE 2004 04 07

CITY OF WINNIPEG  
WATER AND WASTE  
ENGINEERING DIVISION

ENGINEER'S SEAL

ORIGINAL SIGNED BY K.R. ZUREK 04/04/19

BID OPPORTUNITY: 151-2004  
FILENAME: D-8455 to 87.dwg  
PLOT DATE: 2004 04 20

THE CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT

2004 WATERMAIN RENEWALS

LINCOLN AVENUE  
FROM 34 m E OF E R CAMPION STREET  
TO 54 m W OF W R FLINT STREET

SHEET 7 OF 10  
CITY DRAWING NUMBER D-8456