

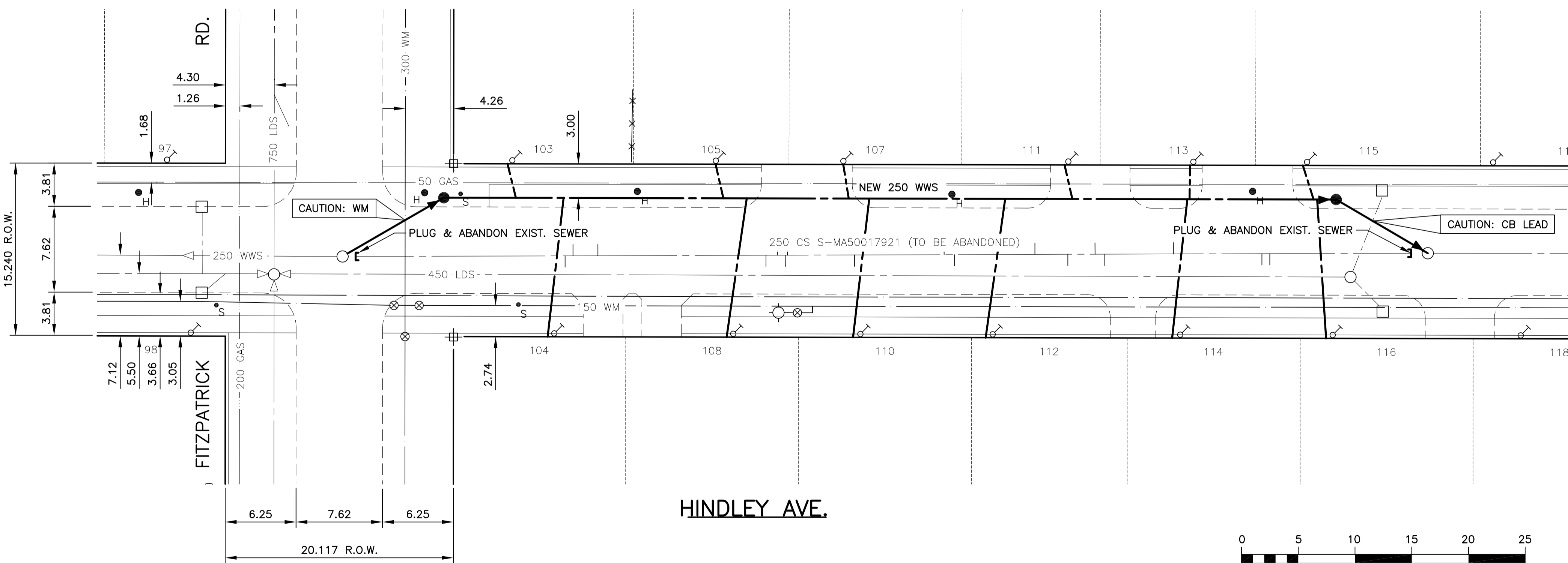
CONSTRUCTION NOTES:

1. ALL PVC PIPE SHALL HAVE CLASS B-TYPE 2 BEDDING AND ALL CONCRETE PIPE SHALL HAVE CLASS B-SAND BEDDING.
2. SEWER TO BE RENEWED BY TRENCHLESS METHODS.
3. CONFIRM THE LOCATION OF ALL SEWER SERVICES.
4. RENEW SEWER SERVICES TO PROPERTY LINE.
5. BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 OF PAVEMENT TO BE CLASS 3.
6. BACKFILL IN BOULEVARD TO BE CLASS 5.
7. CATCHBASIN LEADS TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
8. EXCAVATIONS TO BE LOCATED AWAY FROM EXISTING TREES

SEWER SERVICE INFORMATION (S-MA50017921) *	
DISTANCE FROM MH AT FITZPATRICK RD (S-MH50014443)	
19.6 E	SERVICE CONNECTION S
22.5 E	SERVICE CONNECTION N
37.3 E	SERVICE CONNECTION S
39.2 E	SERVICE CONNECTION N
45.1 E	SERVICE CONNECTION S
61.0 E	JUNCTION N
63.9 E	SERVICE CONNECTION S
73.2 E	SERVICE CONNECTION N
81.7 E	SERVICE CONNECTION S

* - INFORMATION FROM SEWER VIDEO INSPECTION

NOTE: CHAINAGES SHOWN ARE ALONG NORTH PL HINDLEY ST.



EXISTING SEWER SERVICE LOCATION RECORDS		
ADDRESS	SIZE/TYPE	SERVICE LOCATION AT PL
NO RECORDS	INFO NOT AVAILABLE	INFO NOT AVAILABLE

* LOCATION OF SEWER SERVICE AT ? IS ASSUMED

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

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	150 mm W.M.	WATERMAIN	150 mm W.M.
300 mm L.O.S.	LAND DRAINAGE SEWER	300 mm L.O.S.	CONCRETE	300 mm L.O.S.	LAND DRAINAGE SEWER	300 mm L.O.S.
250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.	ASPHALT	250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.
○	MANHOLE	●	PROPERTY LINE	○	MANHOLE	○
□	CATCH BASIN	■	SURVEY BAR	□	CATCH BASIN	□
▽	CURB INLET	▲	SERVICE VALVE	▽	CURB INLET	▽
+	JUNCTIONS	+	TREE	+	JUNCTIONS	+
—	CULVERT	—	LIGHT STANDARD	—	CULVERT	—
—	GAS	—	FENCE	—	GAS	—
—	LEGEND-PLAN	—	GUY ANCHOR	—	LEGEND-PLAN	—
—	PROPOSED	—	LEGEND-PLAN	—	PROPOSED	—
—	EXISTING	—	PROPOSED	—	EXISTING	—
—	LEGEND-PROFILE	—	PROPOSED	—	LEGEND-PROFILE	—
—	PROPOSED	—	EXISTING	—	PROPOSED	—
—	EXISTING	—	LEGEND-PROFILE	—	EXISTING	—

UNDERGROUND STRUCTURES	
SUPY. 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. ELEV.	DESIGNED BY	CLP
	DRAWN BY	SKB
	CHECKED BY	SCC
	APPROVED BY	
	HOR. SCALE	1 : 250
	VERTICAL	1 : 50
1	ISSUED FOR TENDER	06/28/07 SCC
NO.	REVISIONS	DATE BY
		DATE JUNE 27, 2007

DILLON CONSULTING

RELEASED FOR CONSTRUCTION ORIGINAL SIGNED BY KAS ZUREK, P. Eng.

ENGINEER'S SEAL
PROVINCE OF MANITOBA
D.P. KRAHN
06/28/07
Member 4226
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NO. 07-7471-1000

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2007 SEWER RENEWALS
HINDLEY AVENUE
MH AT FITZPATRICK RD. TO
1ST MH E OF FITZPATRICK RD.

CITY DRAWING NUMBER 06070
SHEET 2 OF 13
BID OPPORTUNITY 422-2007