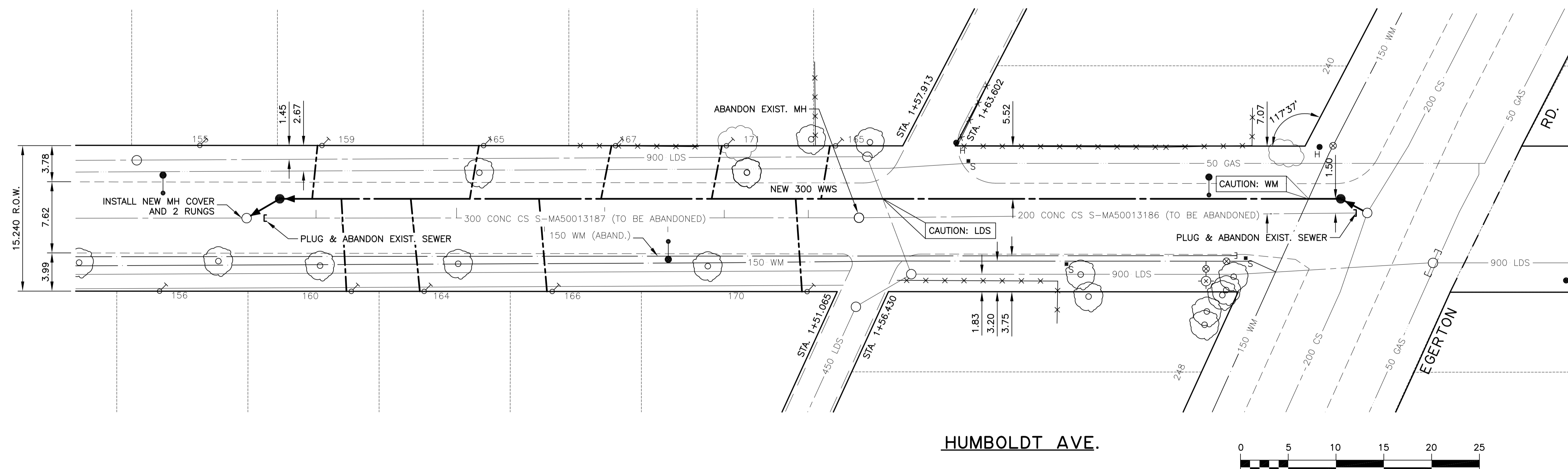


- CONSTRUCTION NOTES:**
1. ALL PVC PIPE SHALL HAVE CLASS B-TYPE 2 BEDDING AND ALL CONCRETE PIPE SHALL HAVE CLASS B-SAND BEDDING.
 2. SEWER TO BE RENEWED BY TRENCHLESS METHODS.
 3. CONFIRM THE LOCATION OF ALL SEWER SERVICES.
 4. RENEW SEWER SERVICES TO PROPERTY LINE.
 5. BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & 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

EXISTING SEWER SERVICE LOCATION RECORDS		
ADDRESS	SIZE/TYPE	SERVICE LOCATION AT PL
156 HUMBOLDT AVE	150	0.5 E OF WPL
160 HUMBOLDT AVE	150	7.6 E OF WPL
164 HUMBOLDT AVE	150	0.9 E OF WPL
165 HUMBOLDT AVE	150	4.0 E OF WPL
166 HUMBOLDT AVE	150	1.8 E OF WPL
167 HUMBOLDT AVE	150	2.3 E OF WPL

NOTE: CHAINAGES SHOWN ARE ALONG NORTH R HUMBOLDT ST.



SEWER SERVICE INFORMATION (S-MA50013187) *	
DISTANCE FROM 1ST MH W OF EGERTON RD (S-MH50010603)	
5.3 W	SERVICE CONNECTION N
14.1 W	SERVICE CONNECTION N
20.0 W	SERVICE CONNECTION S
26.6 W	SERVICE CONNECTION N
32.9 W	SERVICE CONNECTION S
42.1 W	SERVICE CONNECTION N
46.7 W	SERVICE CONNECTION S
54.1 W	SERVICE CONNECTION S
56.8 W	SERVICE CONNECTION N

* - INFORMATION FROM SEWER VIDEO INSPECTION

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.	150 mm W.M.	150 mm W.M.	150 mm W.M.	150 mm W.M.	150 mm W.M.	150 mm W.M.	150 mm W.M.
WATERMAIN	WATERMAIN	HYDRO	HYDRO	WATERMAIN	WATERMAIN	WATERMAIN	WATERMAIN
HYDRANT VALVE	HYDRANT VALVE	M.T.S.	M.T.S.	HYDRANT VALVE	HYDRANT VALVE	HYDRANT VALVE	HYDRANT VALVE
CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE
ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT
PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE
SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR
SERVICE VALVE	SERVICE VALVE	SERVICE VALVE	SERVICE VALVE	SERVICE VALVE	SERVICE VALVE	SERVICE VALVE	SERVICE VALVE
TREE	TREE	TREE	TREE	TREE	TREE	TREE	TREE
LIGHT STANDARD	LIGHT STANDARD	LIGHT STANDARD	LIGHT STANDARD	LIGHT STANDARD	LIGHT STANDARD	LIGHT STANDARD	LIGHT STANDARD
FENCE	FENCE	FENCE	FENCE	FENCE	FENCE	FENCE	FENCE
GUY ANCHOR	GUY ANCHOR	GUY ANCHOR	GUY ANCHOR	GUY ANCHOR	GUY ANCHOR	GUY ANCHOR	GUY ANCHOR
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE

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. ELEV.	DESIGNED BY	CHECKED BY	APPROVED BY	HOR. SCALE	VERTICAL
	CLP	SKB	SCC	1 : 250	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
HUMBOLDT AVENUE
MH AT EGERTON RD. TO
2ND MH W OF EGERTON RD.

CITY DRAWING NUMBER 06071
SHEET 3 OF 12

BID OPPORTUNITY 422-2007