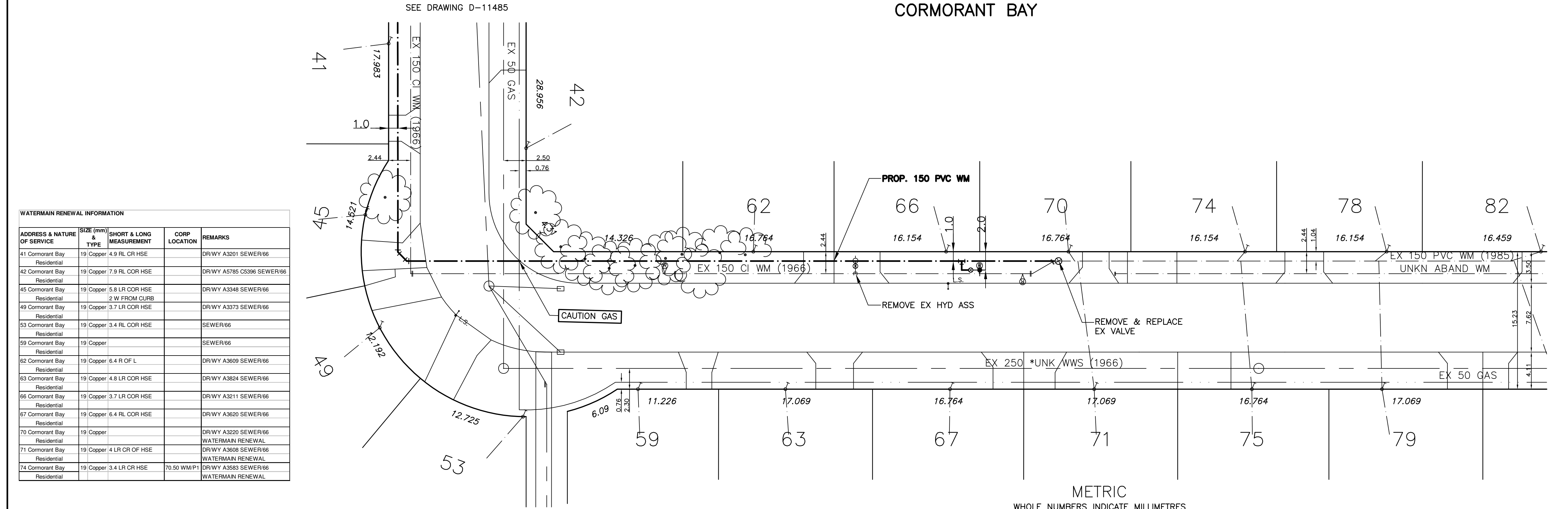
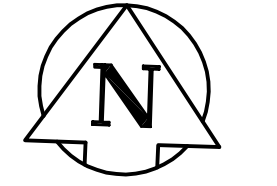


CHAINAGE ALONG NORTH PROPERTY LINE OF CORMORANT BAY

CORMORANT BAY



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ADDRESS & NATURE OF SERVICE	SIZE (mm) & TYPE	SHORT & LONG MEASUREMENT	CORP LOCATION	REMARKS
41 Cormorant Bay Residential	19 Copper	4.9 RL CR HSE	DR/WY A3201 SEWER66	
42 Cormorant Bay Residential	19 Copper	7.9 RL CR HSE	DR/WY A5785 CS96 SEWER66	
45 Cormorant Bay Residential	19 Copper	5.8 LR CR HSE	DR/WY A3348 SEWER66	
49 Cormorant Bay Residential	19 Copper	3.7 LR CR HSE	DR/WY A3373 SEWER66	
53 Cormorant Bay Residential	19 Copper	3.4 RL CR HSE	SEWER66	
59 Cormorant Bay Residential	19 Copper		SEWER66	
62 Cormorant Bay Residential	19 Copper	6.4 R OF L	DR/WY A3609 SEWER66	
63 Cormorant Bay Residential	19 Copper	4.8 LR CR HSE	DR/WY A3824 SEWER66	
66 Cormorant Bay Residential	19 Copper	3.7 LR CR HSE	DR/WY A3211 SEWER66	
67 Cormorant Bay Residential	19 Copper	6.4 RL CR HSE	DR/WY A3820 SEWER66	
70 Cormorant Bay Residential	19 Copper		DR/WY A3220 SEWER66	
71 Cormorant Bay Residential	19 Copper	4 LR CR OF HSE	WATERMAIN RENEWAL	
74 Cormorant Bay Residential	19 Copper	3.4 LR CR HSE	DR/WY A3583 SEWER66	
			70.50 WM/P	WATERMAIN RENEWAL

- NOTES:**
- ALL GATE VALVES ARE COUNTER-CLOCKWISE TO OPEN WITH A BLACK OPERATING NUT.
 - WATERMAIN TO BE INSTALLED BY TRENCHLESS METHODS.
 - BACKFILL IS CLASS 5 WITHIN BOULEVARD AND CLASS 3 WHEN WITHIN PAVEMENT/SIDEWALK OR WHEN WITHIN 1.0m OF PAVEMENT OR SIDEWALK.
 - WATER SERVICES ARE 19mm UNLESS OTHERWISE NOTED.
 - MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4m.
 - LOCATION OF ALL SERVICES TO BE CONFIRMED IN FIELD.
 - EXPOSE EXISTING WATERMAIN TO CONFIRM DEPTH PRIOR TO CONSTRUCTION.
 - ALL LEAD SERVICES TO BE RENEWED TO PROPERTY LINE.
 - SERVICES TO BE RENEWED SHALL BE REPLACED FROM WATERMAIN TO PROPERTY LINE. ALL OTHERS TO BE RECONNECTED.



EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
	WATERMAIN			REDUCER			WATERMAIN	
	HYDRANT			PLUG			LAND DRAINAGE SEWER	
	VALVE			TRAFFIC SIGNAL			WASTE WATER SEWER	
	LAND DRAINAGE SEWER			GAS			HYDRO	
	WASTE WATER SEWER			M.T.S.			C.B. LEAD	
	MANHOLE			SURVEY BAR			TREE	
	CATCH BASIN			LAMP STANDARD				
	CURB INLET							
	TEE							
	BEND							
	ANODE							

LOCATION APPROVED		B.M. 55-046 ELEV. 231.386
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.		
NO.	REVISIONS	DATE BY
1	BID OPPORTUNITY 664-2008	DATE BY

GENIVAR
200 TACHE AVENUE WINNIPEG, MANITOBA R2H 1A7
PH: (204)-233-2113 FAX: (204)-233-2080

DESIGNED BY: DJ
CHECKED BY: SM
DRAWN BY: MBS
APPROVED BY: IMcK

HOR. SCALE: 1:250
VERT. SCALE: 1:50

RELEASED FOR CONSTRUCTION
DATE: AUGUST 20 2008

ORIGINALLY SIGNED BY
S. COURNOYER P.ENG.
DATE: AUGUST 20 2008



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2008 CAPITAL WORKS
WATERMAIN RENEWALS
CORMORANT BAY (SOUTH LEG)
CORMORANT BAY (WEST LEG) TO
60m EAST OF CORMORANT BAY (WEST LEG)

SHEET 5 OF 5
CITY DRAWING NO.
D-11486

CONSULTANT DRAWING NO.
069-024-07