



MH ID # 19806
 RIM EL. = 230.431
 N. INV. EL. = 225.54±
 S. INV. EL. = 225.54±
 E. INV. EL. = 225.54±
 W. INV. EL. = 225.54±

MH ID # 19844
 RIM EL. = 230.432
 N. INV. EL. = 224.93±
 S. INV. EL. = 224.93±

INSTALL 17 MH RUNGS
 @ 300 O.C.
 REPAIR BENCHING

SEE DWG.
 05497

2.5 OF 375 SEWER REPAIR (SD-022A)
 WITH 1 SEWER SERVICE RECONNECTION

SEWER SERVICE INFORMATION (ID #19843) *	
DISTANCE FROM MH AT EUGENIE ST. (MH ID #19806)	
12.9 N	SERVICE CONNECTION W
13.7 N	SERVICE CONNECTION E
21.0 N	SERVICE CONNECTION W
21.6 N	SERVICE CONNECTION W
22.0 N	SERVICE CONNECTION E
29.7 N	SERVICE CONNECTION W
30.2 N	SERVICE CONNECTION W
30.7 N	SERVICE CONNECTION E
31.9 N	SERVICE CONNECTION E
36.9 N	SERVICE CONNECTION W
37.9 N	SERVICE CONNECTION E
44.1 N	SERVICE CONNECTION W
44.8 N	SERVICE CONNECTION E
52.4 N	SERVICE CONNECTION W
53.0 N	SERVICE CONNECTION E
60.8 N	SERVICE CONNECTION W
61.6 N	SERVICE CONNECTION E
63.4 N	SERVICE CONNECTION AT 12 O'CLOCK
67.9 N	SERVICE CONNECTION W
68.6 N	SERVICE CONNECTION E
70.6 N	SERVICE CONNECTION AT 12 O'CLOCK
76.3 N	SERVICE CONNECTION W
77.0 N	SERVICE CONNECTION E
81.8 N	SERVICE CONNECTION E
89.2 N	SERVICE CONNECTION E
90.4 N	SERVICE CONNECTION W

* - 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.W.	WATERMAIN	150 mm W.W.	HYDRO	150 mm W.W.	WATERMAIN	150 mm W.W.
	HYDRANT		M.T.S.		HYDRANT	
	VALVE		CONCRETE		VALVE	
	LAND DRAINAGE SEWER		ASPHALT		LAND DRAINAGE SEWER	
	WASTE WATER SEWER		PROPERTY LINE		WASTE WATER SEWER	
	MANHOLE		SURVEY BAR		PROFILE	
	CATCH BASIN		SERVICE VALVE		NORTH/WEST GUTTER	
	CURB INLET		I.P.S.		SOUTH/EAST GUTTER	
	JUNCTIONS		BUILDING			
	CULVERT					
	GAS					
	EXISTING		EXISTING		EXISTING	
	LEGEND-PLAN		LEGEND-PLAN		LEGEND-PROFILE	
	PROPOSED		PROPOSED		PROPOSED	

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	DATE
	A.R.P.	
	DRAWN BY	S.C.C.
	CHECKED BY	P.M.K.
	APPROVED BY	
	HOR. SCALE	1:500
	VERTICAL	
	RELEASED FOR CONSTRUCTION (ORIGINAL SIGNED BY) KAS ZUREK	DATE JULY 22, 2004
	NO. REVISIONS	DATE BY
	3 ADDENDUM 1	08/03/04 P.M.K.
	2 ISSUED FOR TENDER	07/23/04 P.M.K.
	1 SUBMITTED TO W&W FOR REVIEW	06/30/04 P.M.K.

DATE	JUNE 2004
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DILLON CONSULTING

RELEASED FOR CONSTRUCTION (ORIGINAL SIGNED BY) KAS ZUREK
 DATE JULY 22, 2004

ENGINEER'S SEAL
 PROVINCE OF MANITOBA
 ORIGINAL STAMPED BY
P. M. KREITZ
 07/22/04
 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
043032-05

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2004 COMBINED SEWER RENEWALS AND REPAIRS - CONTRACT 10
TACHE AVENUE
 MH AT EUGENIE ST
 TO MH AT HORACE ST

CITY DRAWING NUMBER
05497
 SHEET **5 R1** OF **17**

BID OPPORTUNITY
 NO. 305-2004