



- CONSTRUCTION NOTES:**
1. CONFIRM LOCATION OF ALL SEWER SERVICES WITHIN LIMITS OF REPAIR.
 2. CONFIRM SEWER REPAIRS BY VIDEO INSPECTION PRIOR TO EXCAVATING.



B.M. 53-036 EL. 31.081m
WARDROP ENGINEERING INC FB 2091

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.

MANHOLE INFORMATION		
MANHOLE NUMBER	MANHOLE TYPE	WORK REQUIRED
18827	CAST IN PLACE	INSTALL 6 STEPS, GROUT TOP 1m.
18829	CAST IN PLACE	INSTALL 6 STEPS, GROUT TOP 1m

APEGM
Certificate of Authorization
Wardrop Engineering Inc.
No. 195 Expiry: April 30, 2006

SEWER CONNECTION DATA					
HOUSE No.	SIZE	JUNCTION LOCATION	PL INV	LOCATION AT PROPERTY LINE	COMMENTS
No. 429	150	29.1 E OF MH AT OSBORNE	-	3.7 E/WPL	
No. 455		61.1 E OF 4TH MH E OF MONTAGUE		13.6 W/EPL	

LEGEND - EXISTING		LEGEND - PROPOSED	
—	SEWER	○	MANHOLE
—	WATERMAIN	◇	HYDRO POLE
—	GAS	◆	HYDRANT
—	HYDRO	●	VALVE
—	MTS	□	CATCHBASIN
—	CONCRETE CURB	▽	CURB INLET
—	SIDEWALK	+	LIGHT STANDARD
—	PROPERTY LINE	①	ADDRESS
—		—	REPAIR AREA

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

WARDROP Engineering Inc.

2005 COMBINED SEWER RENEWALS AND SEWER REPAIRS
CHURCHILL DRIVE
MANHOLE AT OSBORNE ST (1st W OF E PL CHURCHILL DR)
TO MANHOLE AT OSBORNE ST (1st E OF W PL CHURCHILL DR)

DESIGNED BY: GWC	DRAWN BY: NL	SCALE: 1:500	CITY DWG No. 05642
CHECKED BY: LGC	DATE: 05.08.09		