



- NOTE:
1. USE EXPLORATORY HOLES ON PROPOSED WATERMAINS SHOWN ON THIS DRAWING TO DETERMINE PIPE MATERIAL
 2. INSTALL CATHODIC PROTECTION MONITORING STATIONS AND ANODES ON WATERMAINS DETERMINED TO BE CAST OR DUCTILE IRON

SANDRALIN BY - AT AVALON RD TO END				
MONITORING STATION ID	ANODE ID	SHORT MEASUREMENT	LONG MEASUREMENT	OFFSET TO PROPERTY

WARRENDALE PL - AT AVALON RD TO END				
MONITORING STATION ID	ANODE ID	SHORT MEASUREMENT	LONG MEASUREMENT	OFFSET TO PROPERTY

ANODE SPACING REQUIREMENTS	
100 mm	12 M INTERVALS
150 mm	12 M INTERVALS
200 mm	9 M INTERVALS
250 mm	7 M INTERVALS
300 mm	2 @ 12 M INTERVALS

200 WM WATERMAIN	200 WM WATERMAIN	SL, HYDRO SL, HYDRO	150 WM WATERMAIN	150 WM WATERMAIN	LOCATION APPROVED 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.	FIELD BOOK #	CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION	ENGINEER'S SEAL ORIGINAL MYLAR SIGNED BY S.R.J. COURNOYER 08/03/14	THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT INSTALLATION OF CATHODIC PROTECTION MONITORING STATIONS AND ANODES ON WATERMAINS EXPLORATORY HOLES (PROVISIONAL ANODES AND MONITORING STATIONS) 2008 PROGRAM - AREA AG - CONTRACT NO. 10 SANDRALIN BY - AT AVALON RD TO END WARRENDALE PL - AT AVALON RD TO END	SHEET 12 of 13 CITY DRAWING NUMBER D-10917
HYDRANT VALVE 525 LDS LAND DRAINAGE SEWER 375 WWS WASTEWATER SEWER MANHOLE CATCH BASIN CURB INLET REDUCER COUPLER ANODE EXISTING LEGEND-PLAN PROPOSED EXISTING	TRAFFIC SIGNALS GAS SURVEY BAR FENCE POLE - HYDRO, MTS CURB STOP GUY ANCHOR LIGHT STANDARD TREE LEGEND-PLAN PROPOSED EXISTING LEGEND-PROFILE PROPOSED	50 GAS 50 GAS 300 LDS 250 WWS LAND DRAINAGE SEWER WASTEWATER SEWER PROFILE GROUND ABOVE PIPE MONITORING STATION OMJ001 OMJ001	DATE: NO. REVISIONS DATE BY DATE 2008 03 03	DESIGNED BY: TT DRAWN BY: MLK/DD HOR. SCALE: 1:1000 VERTICAL:		CHECKED BY: SC APPROVED BY: KZ RELEASED FOR CONSTRUCTION:	BID OPPORTUNITY: 55-2008 FILENAME: D-10917.dwg PLOT DATE: 2008 03 14				