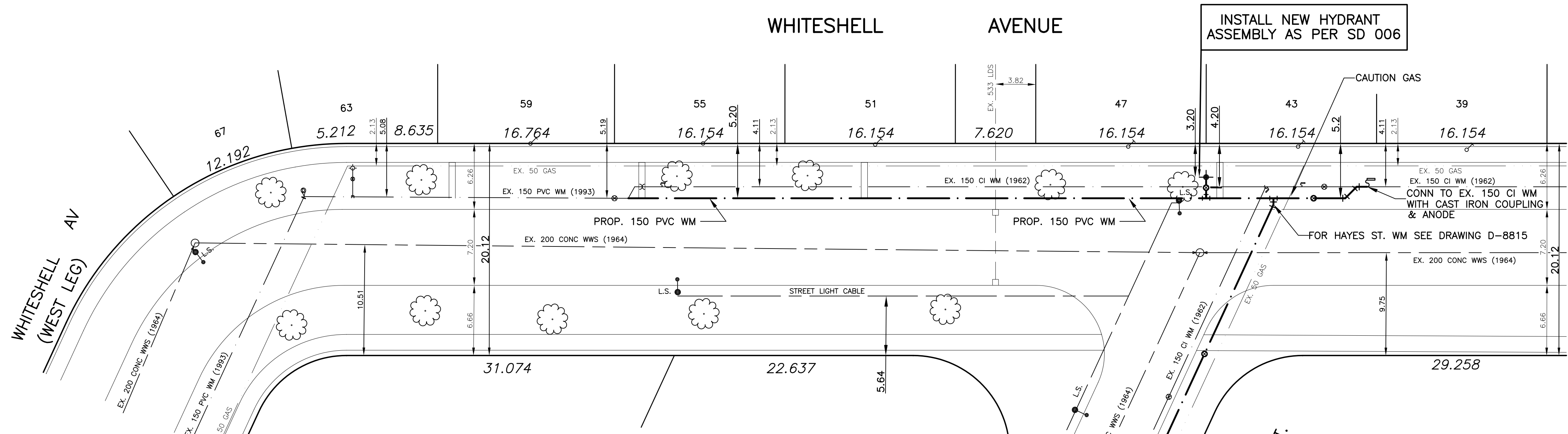


CHAINAGE ALONG NORTH PROPERTY LINE OF WHITESHELL AV.



WATER SERVICE INFORMATION				
ADDRESS	SIZE(mm) & TYPE	SIZE(mm) & TYPE	SHORT & LONG MEASUREMENT	CORP LOCATION
59 WHITESHELL AVE RESIDENTIAL	19 COPPER	19 COPPER	5.8 N OF E LINE	
55 WHITESHELL AVE RESIDENTIAL	19 COPPER	19 COPPER	4.3 E OF N LINE	
51 WHITESHELL AVE RESIDENTIAL	19 COPPER	19 COPPER	4.1 W OF E HL	
47 WHITESHELL AVE RESIDENTIAL	19 COPPER	19 COPPER	7.0 E OF N LINE	
43 WHITESHELL AVE RESIDENTIAL	19 COPPER	19 COPPER	6.4 E OF N LINE	
40 WHITESHELL AVE RESIDENTIAL	19 COPPER	19 COPPER	6.7 N OF S HL	
39 WHITESHELL AVE RESIDENTIAL	19 COPPER	19 COPPER	6.3 E OF N LINE	

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

APEGM
 Certificate of Authorization
 SEG Engineering Inc.
 No. 1432 Expiry: April 30, 2006

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
---	WATERMAIN	---	---	HYDRO	---	---	CENTER LINE	---
+	HYDRANT	+	+	M.T.S.	+	+	NORTH GUTTER LINE	+
+	VALVE	+	+	CONCRETE	+	+	SOUTH GUTTER LINE	+
---	LAND DRAINAGE SEWER	---	---	ASPHALT	---	---	WATERMAIN	---
---	WASTE WATER SEWER	---	---	PROPERTY LINE	---	---	VALVE	---
○	MANHOLE	○	○	SURVEY BAR	○	○	LAND DRAINAGE SEWER	○
□	CATCH BASIN	□	□	CURB STOP	□	□	WASTE WATER SEWER	□
△	CURB INLET	△	△	C.B. LEAD	△	△	JUNCTIONS	△
---	TRAFFIC SIGNAL	---	---	SIDEWALK	---	---	CULVERT	---
---	STEAM HT.	---	---	SIDEWALK RAMP	---	---	ANODE	---
---	GAS	---	---	ELEVATIONS	---	---	PLUG	---

LOCATION APPROVED		
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.	CWM: 10-012 232.469 m

SEG ENGINEERING INC.
 200 TACHE AVENUE
 WINNIPEG, MANITOBA
 (204)-233-2115

DESIGNED BY: DJ	CHECKED BY: SM
DRAWN BY: RH	APPROVED BY: IMck
HOR. SCALE: 1:250	RELEASED FOR CONSTRUCTION: K. ZUREK P. ENG
VERT. SCALE: 1:50	ORIGINALLY SIGNED BY: K. ZUREK P. ENG
DATE: MAY 2005	DATE: JUNE 28, 2004

ENGINEERS SEAL
I. G. McKINNON
 PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

2005 CAPITAL WORKS
 WATERMAIN RENEWALS
 WHITESHELL AVENUE
 60m WEST OF HAYES STREET
 TO HAYES STREET

CITY DRAWING NO.
 SHEET 1 OF 1
D-8819