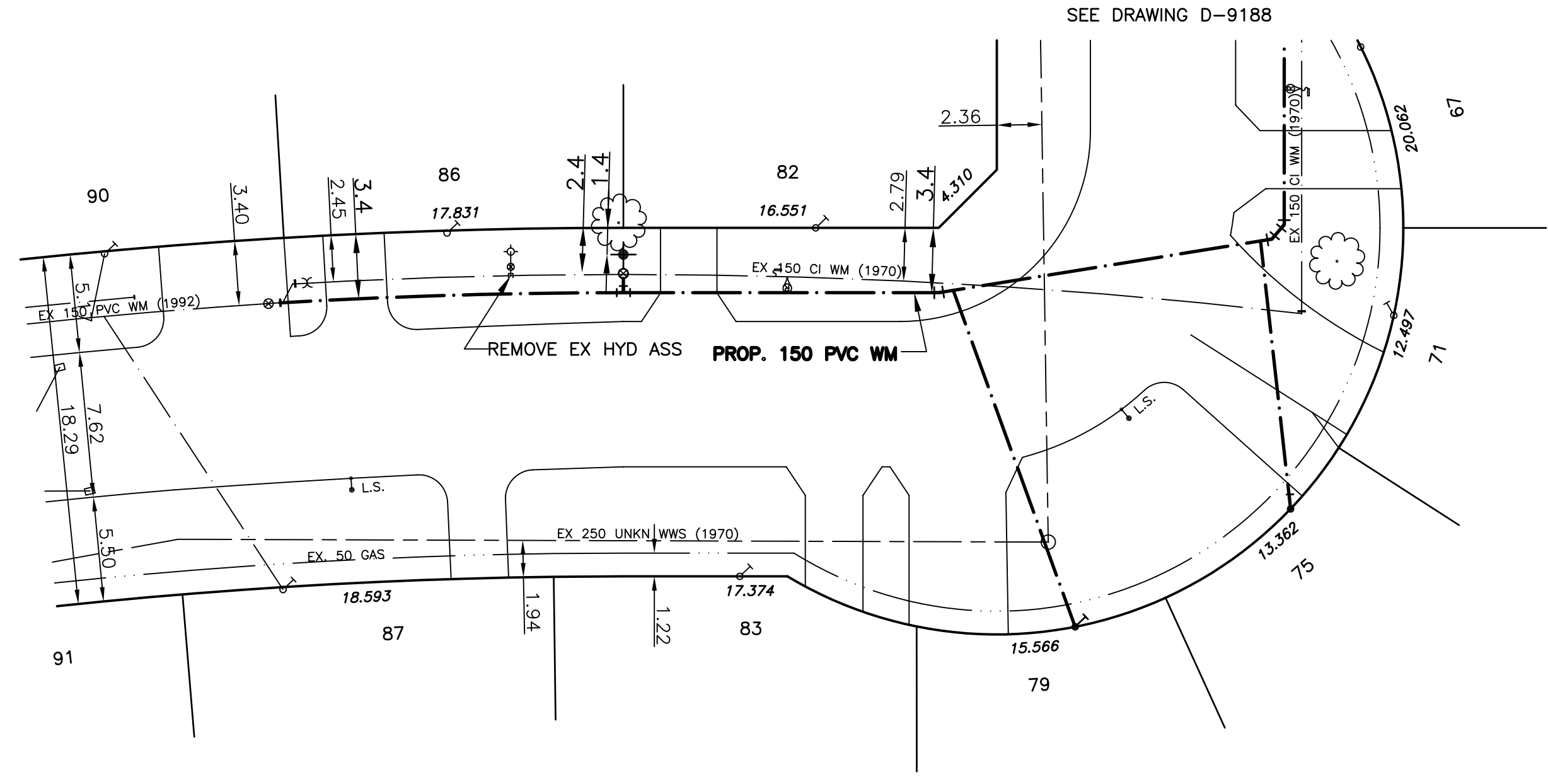
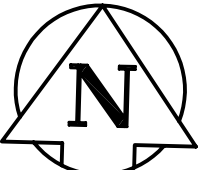


CHAINAGE ALONG NORTH PROPERTY LINE OF TAMARAC BAY  
TAMARAC BAY (SOUTH LEG)



**APEGM**  
Certificate of Authorization  
SEG Engineering Inc.  
No. 252 Expiry: April 30, 2008

- 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.

METRIC  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

—	WATERMAIN	—	REDUCER	—	150mm W.M.	—	WATERMAIN	—	150mm W.M.
+	HYDRANT	+	PLUG	+	300mm L.D.S.	+	VALVE	+	300mm L.D.S.
⊙	VALVE	⊙	TRAFFIC SIGNAL	⊙	250mm W.W.S.	⊙	LAND DRAINAGE SEWER	⊙	300mm L.D.S.
---	LAND DRAINAGE SEWER	---	GAS	---	250mm W.W.S.	---	WASTE WATER SEWER	---	250mm W.W.S.
---	WASTE WATER SEWER	---	HYDRO	---	M.T.S.	---	JUNCTIONS	---	
○	MANHOLE	○	M.T.S.	○		---	CULVERT	---	
□	CATCH BASIN	□	SURVEY BAR	□					
△	CURB INLET	△	CURB STOP	△					
+	TEE	+	C.B. LEAD	+					
∩	BEND	∩	TREE	∩					
⊖	ANODE	⊖	LAMP STANDARD	⊖					
---	EXISTING	---	LEGEND - PLAN	---	PROPOSED	---	EXISTING	---	LEGEND - PROFILE
---		---		---		---		---	

LOCATION APPROVED

SUPPLY U/G STRUCTURES 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.	CWB# 55-014	ELEV 233.023
NO.	REVISIONS	DATE BY
1	BID OPPORTUNITY 339-2007	MAY 07 DJ

**SEG ENGINEERING INC.**  
ENGINEERING

200 TACHE AVENUE  
WINNIPEG, MANITOBA  
(204)-233-2113

DESIGNED BY	DJ	CHECKED BY	SM
DRAWN BY	DJ	APPROVED BY	IMcK
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION	ORIGINALLY SIGNED BY
VERT. SCALE:	1:50		K. ZUREK P. ENG
		DATE	MAY 25, 2007

ENGINEER  
PROVINCE OF MANITOBA  
I. G. MCKINNON  
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT

2007 CAPITAL WORKS  
WATERMAIN RENEWALS  
TAMARAC BAY (SOUTH LEG)

TAMARAC BAY (EAST LEG)  
TO 40M WEST OF TAMARAC BAY (EAST LEG)

SHEET 4 OF 4  
CITY DRAWING NO.  
D-9189

CONSULTANT DRAWING NO.  
069-022-10