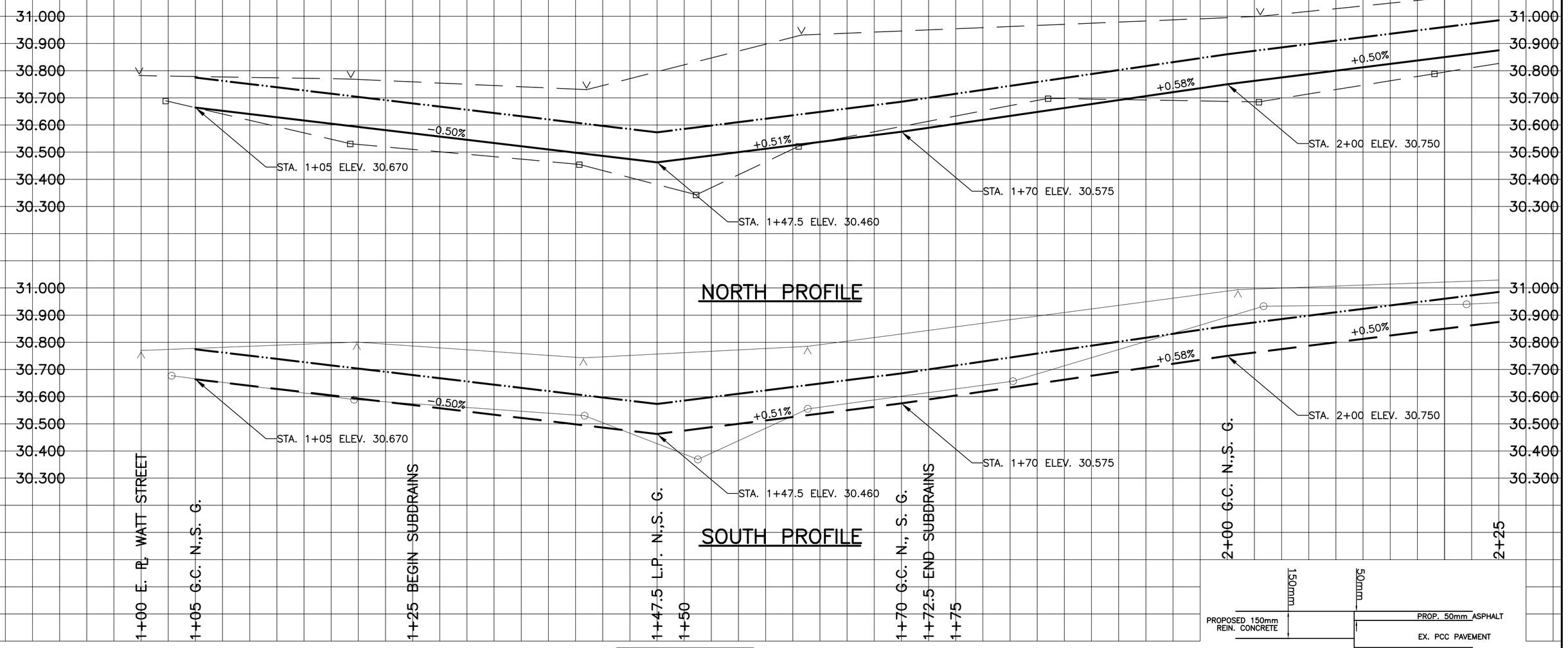
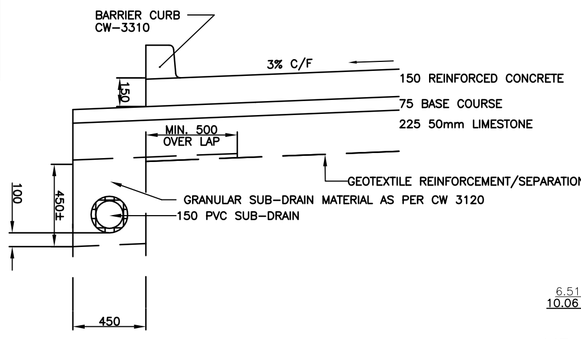
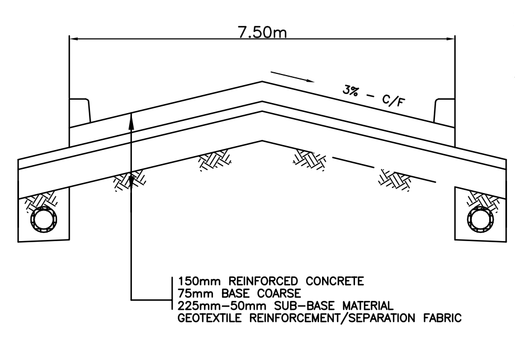




TYPICAL CURB & GUTTER WITH SUB-DRAIN
N.T.S.

SECTION A

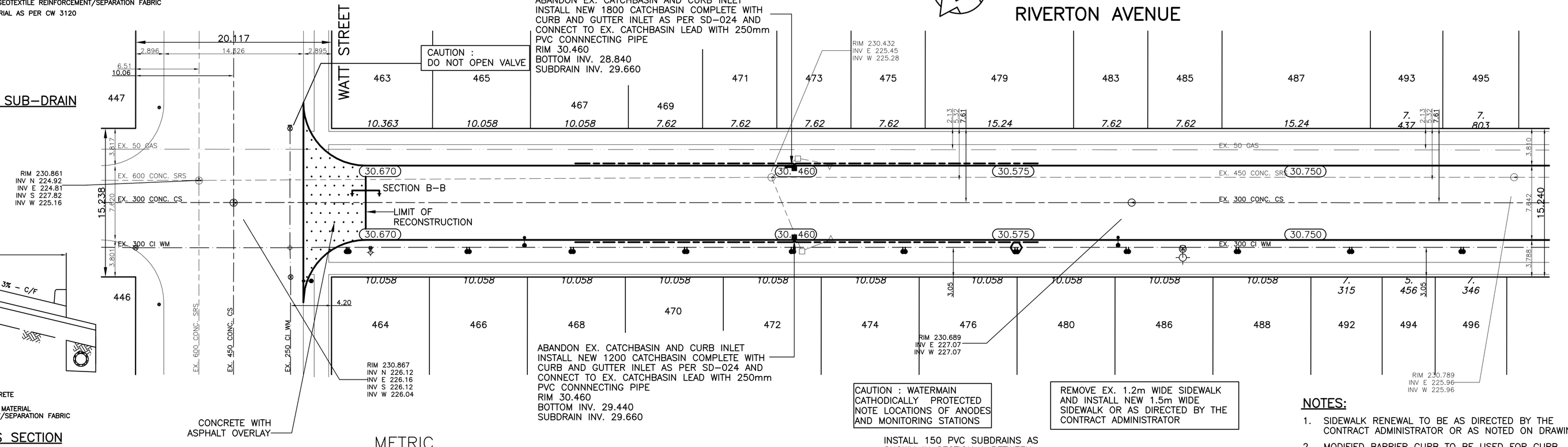


TYPICAL ROAD CROSS SECTION
N.T.S.

DETAIL B

CHAINAGE ALONG CENTER OF ROW

SECTION B–B
1:15



METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

BENCHMARK:
N.E. COR. WATT ST. AND RIVERTON AV., TBLT. ON TOP OF 0.05m DIA X 2.4m IRON PIPE, 2.7m S. OF N.L. OF RIVERTON AV. AND ON E.L. OF WATT ST.

CAUTION : WATERMAIN CATHODICALLY PROTECTED NOTE LOCATIONS OF ANODES AND MONITORING STATIONS

INSTALL 150 PVC SUBDRAINS AS SHOWN IN SECTION A BETWEEN STA. 1+25 AND 1+72.5 NORTH AND SOUTH SIDES

REMOVE EX. 1.2m WIDE SIDEWALK AND INSTALL NEW 1.5m WIDE SIDEWALK OR AS DIRECTED BY THE CONTRACT ADMINISTRATOR

NOTES:

1. SIDEWALK RENEWAL TO BE AS DIRECTED BY THE CONTRACT ADMINISTRATOR OR AS NOTED ON DRAWINGS.
2. MODIFIED BARRIER CURB TO BE USED FOR CURB RENEWAL AT RADII.
3. RADII WILL BE IMPROVED TO 7.5m (TYP).

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		150mm W.M.	WATERMAIN	150mm W.M.
	WASTE WATER SEWER			PROPERTY LINE			VALVE	
	MANHOLE			SURVEY BAR		300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.
	CATCH BASIN			CURB STOP		250mm W.W.S.	WASTE WATER SEWER	250mm W.W.S.
	CURB INLET			C.B. LEAD			JUNCTIONS	
	TRAFFIC SIGNAL			SIDEWALK			CULVERT	
	STEAM HT.			SIDEWALK RAMP			C.P. ANODE	
	GAS		32.55	ELEVATIONS	32.55		MONITORING STATION	

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. CWBM: 27–037 230.589m

NO.	REVISIONS	DATE	BY

SEG ENGINEERING INC.
ENGINEERING
200 TACHE AVENUE
WINNIPEG, MANITOBA
(204)–233–2113

DESIGNED BY	S.C.	CHECKED BY	E.P.R.
DRAWN BY	S.C	APPROVED BY	E.P.R.
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION	
VERT. SCALE:	1:50		
DATE	JANUARY 2004	DATE	

ENGINEER'S SEAL: PROVINCE OF MANITOBA — E. P. RIVALIN — REGISTERED ENGINEER

CONSULTANT DRAWING NO. 063–036–01

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

2004 RESIDENTIAL STREET RENEWALS
STREET RECONSTRUCTION
RIVERTON AVENUE
EAST LIMIT OF WATT STREET TO STA. 2+25

CITY DRAWING NO.
SHEET 1 OF 2
150–2004

ACAD 2000