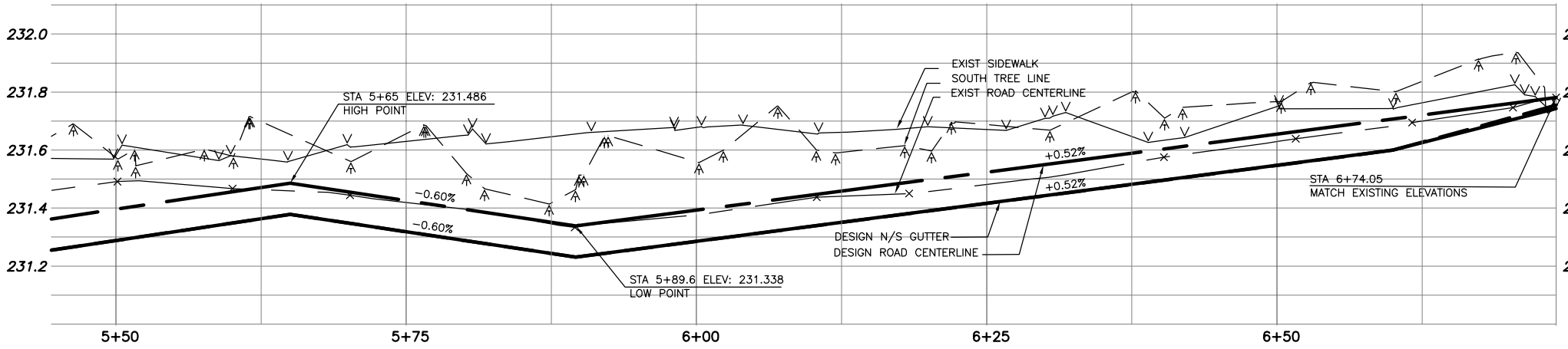
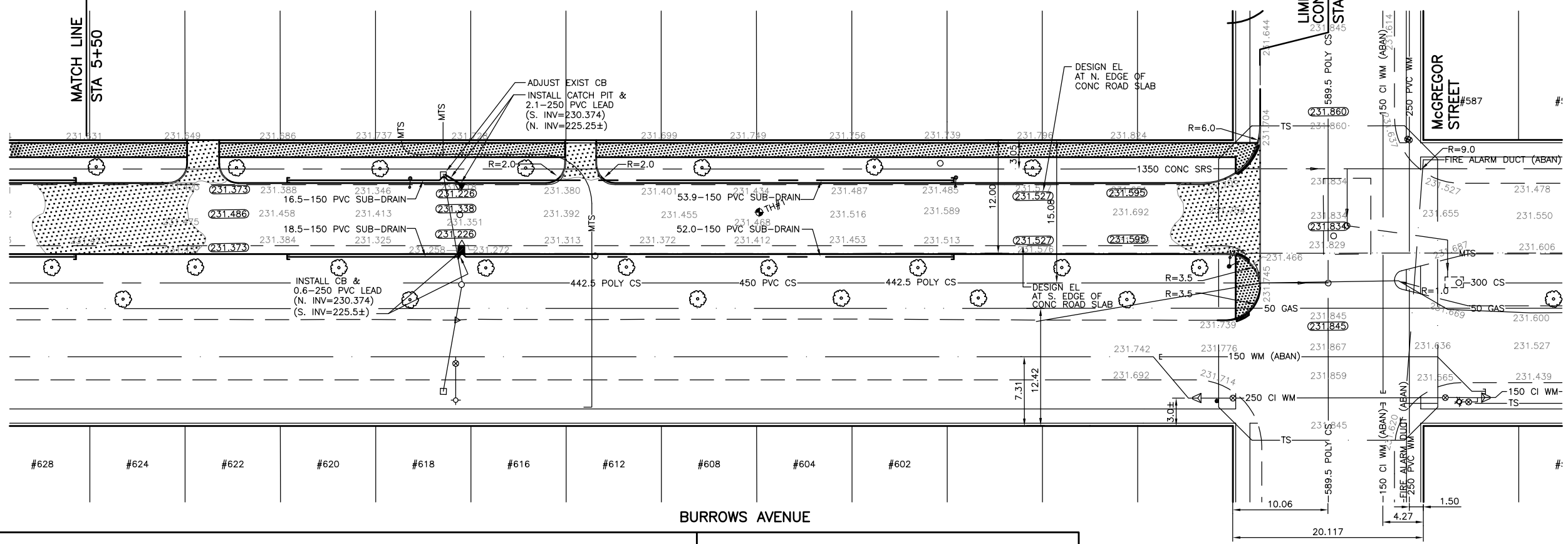
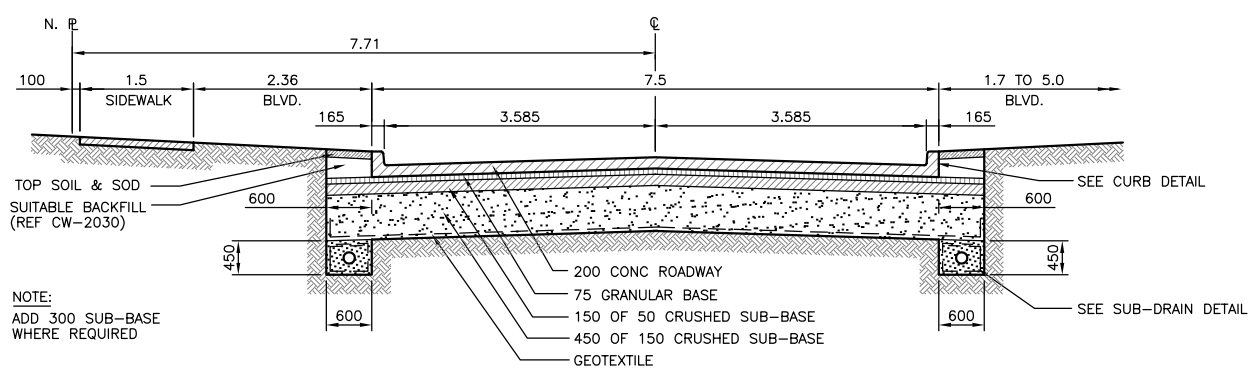
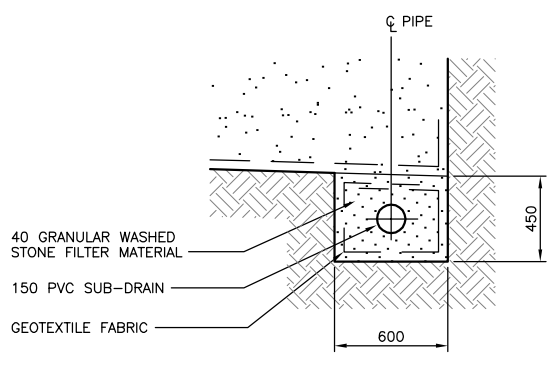






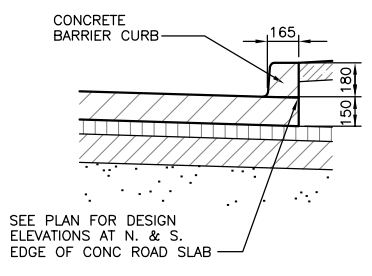
TYPICAL ROAD X-SECTION

SCALE: 1:50



SUB-DRAIN DETAIL

SCALE: 1:20



CONCRETE CURB DETAIL

SCALE: 1:20

SUB-DRAIN	SUB-DRAIN	SUB-DRAIN	•	POLES T-MTS H-HYDRO				
300 LDS	LAND DRAINAGE SEWER	300 LDS	⊕	TEST HOLE				
250 WWS	WASTE WATER SEWER	250 WWS	⊣	GUY WIRE				
	GAS		⊷	LIGHT STANDARD				
	HYDRO			BACK OF CURB				
	M.T.S.			CONCRETE		V	N. SIDEWALK	
150 WM	WATERMAIN	150 WM		ASPHALT		A	SOUTH TREE LINE	
⊹	HYDRANT	✦		SIDEWALK		×—×	℄ PROFILE	
⊗	VALVE	⊗		PROPERTY LINE		□—□	N/W LANE EDGE	
○	MANHOLE	●	⊕	SURVEY BAR		○---○	S/E LANE EDGE	
□	CATCH BASIN	■	⊛	GEODETIC BENCHMARK		℄	PARKING/DRIVEWAY	
▽	CURB INLET	▼	231.334	ELEVATION	32.231	TTTTT	WINDOW/DOOR SILL	
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED

COWLEGEND

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. 25-016
ELEV. 231.976m

N.W. COR. BURROWS AVE. & ARLINGTON ST., BRASS PLUG IN 12.4m CONC. PILE, 2.2m S. OF N.L. OF BURROWS AVE. & 0.2m W. OF W.L. OF ARLINGTON ST.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	13/04/04	RJH

KGS GROUP — CONSULTING ENGINEERS & PROJECT MANAGERS
WINNIPEG (204) 896-1209
THUNDER BAY (807) 345-2233

DESIGNED BY B.S.
DRAWN BY D.W.
CHECKED BY C.R.
APPROVED BY R.J.H.
HOR. SCALE: 1:250
VERTICAL: 1:10
DATE DEC 10, 2003
RELEASED FOR CONSTRUCTION:
DATE

ENGINEER'S SEAL
PROVINCE OF MANITOBA
M.C. ROWBOTHAM
Member 22679
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
03-107-12

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2) TAKE PRECAUTION OT AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0 5 10 15 20 25m

SCALE: 1:250 METRIC A1
1:500 METRIC A3

APEGM
Certificate of Authorization
KGS Group
No. 245 Expiry: April 30, 2004

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES DIVISION

PROJECT TITLE
2004 LOCAL STREET RENEWALS

BURROWS AVE. WEST BOUND
ARLINGTON ST. TO McGREGOR ST.
STA. 5+50 TO STA. 6+74.0

SHEET 04 OF 04
COMPUTER FILE NAME 03-107-12
CITY DRAWING NUMBER •