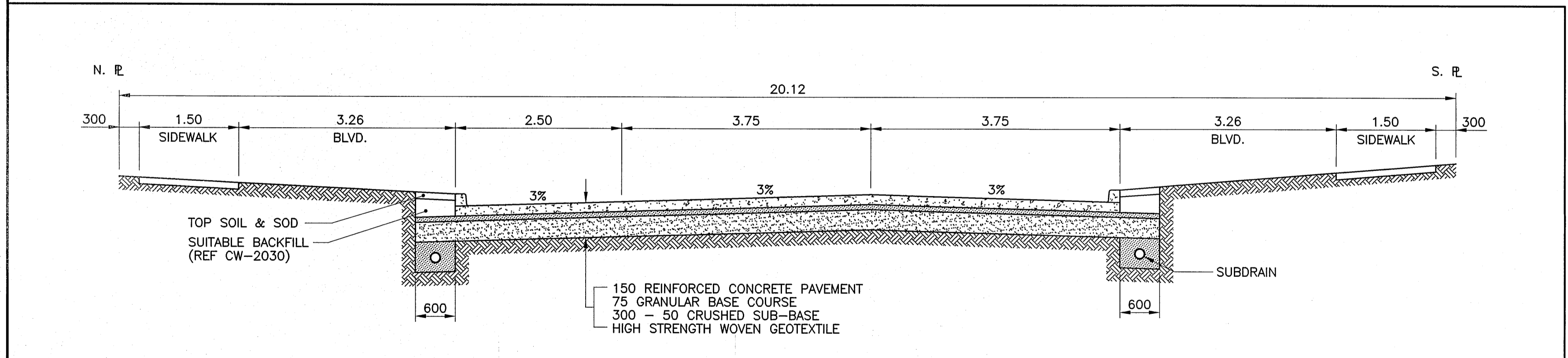
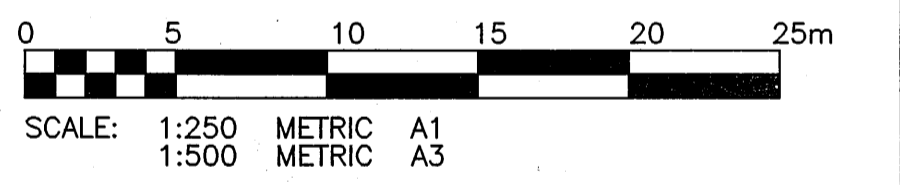


- NOTES:
1. ADJUST MH AND CB RIMS TO NEW GRADES
  2. EXERCISE CAUTION INSTALLING SUBDRAIN TO PREVENT CROSSING CONFLICTS WITH EXISTING GAS SERVICES
  3. AVOID DAMAGE TO EXISTING BOULEVARD TREES WITHIN THE LIMITS OF CONSTRUCTION
  4. REGRADE EXISTING PRIVATE SIDEWALKS AS REQUIRED
  5. LIGHT STANDARDS, HYDRO POLES AND ANCHORS MAY REQUIRE TEMPORARY SUPPORT/REMOVAL OR REPLACEMENT AT THE CONTRACTORS EXPENSE
  6. PLUG SUBDRAINS AT TERMINAL ENDS
  7. REMOVE AND REPLACE EXISTING CATCH BASIN
  8. CONSTRUCT FULL-DEPTH PARTIAL SLAB PATCHES TO SUIT NEW RADIAL CURB LINE
  9. RENEW EXISTING 150 REINFORCED CONCRETE APPROACH (SD-235)
  10. ALL MEASUREMENTS ARE TO BACK OF CURB
  11. ABANDON EXISTING CATCH BASIN AND DRAINAGE INLET
  12. INSTALL CATCH BASIN INLET (SD-024)



TYPICAL ROAD X-SECTION  
SCALE: 1:50

**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 TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**APEGM**  
Certificate of Authorization  
KGS Group  
No. 245 Expiry: April 30, 2006

BID OPPORTUNITY NO. 241-2005

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
300 LGS	LAND DRAINAGE SEWER	300 LGS	+	TEST HOLE				
250 WWS	WASTE WATER SEWER	250 WWS	-	GUY WIRE				
	GAS		—	LIGHT STANDARD				
	HYDRO		—	BACK OF CURB				
	M.T.S.		—	CONCRETE				
150 WM	WATERMAIN	150 WM	—	ASPHALT				
	HYDRANT		+	SIDEWALK				
	VALVE		+	RENEW DRIVEWAY				
	MANHOLE		+	PROPERTY LINE				
	CATCH BASIN		+	SURVEY BAR				
	CURB INLET		+	GEODETIC BENCHMARK				
	POLES		+	ELEVATION				

**LOCATION APPROVED UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES DATE COMMITTEE

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.	26-025	N.W. COR. BURROWS AVE. & ARKIS ST. BRASS PLUS 14.4m CONE. PILE IN VALUE BOX.
	231.453	0.3m W. OF ARKIS ST., 2.4m S. OF N.L. OF BURROWS AVE. W. OF ARKIS ST., 2.4m S. OF N.L. OF BURROWS AVE.

**KGS GROUP** CONSULTING ENGINEERS & PROJECT MANAGERS

WINNIPEG (204) 896-1209  
THUNDER BAY (807) 345-2233

DESIGNED BY: C.R.  
CHECKED BY: [ ]  
DRAWN BY: A.M.  
APPROVED BY: [ ]

HOR. SCALE: 1:250  
VERTICAL: 1:50

RELEASED FOR CONSTRUCTION: [ ]  
DATE: [ ]

ENGINEER'S SEAL

M.C. ROWBOTHAM  
Member  
22679

CONSULTANT DRAWING NO. 04-0107-17

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES DIVISION

PROJECT TITLE: 2005 RESIDENTIAL STREET RENEWALS  
REDWOOD AVENUE  
PAVEMENT RECONSTRUCTION  
SURFACE PLAN AND PROFILE  
POWERS STREET TO STA. 2+20

SHEET OF 01 OF 04  
COMPUTER FILE NAME: REDWOOD-PLOT.DWG  
CITY DRAWING NUMBER: 0001

P:\PROJECTS\2004\04-107-17\WUN.DWG\REDWOOD.DWG\REDWOOD-PLOT.DWG