

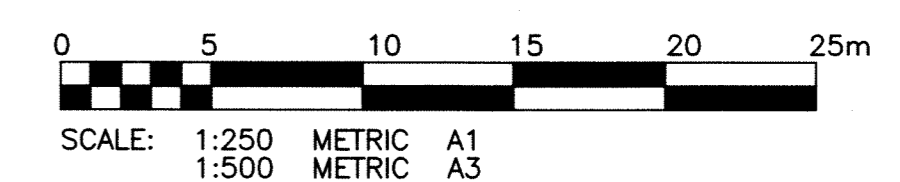
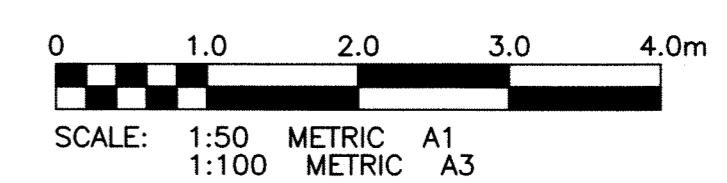
**ROAD CROSS SECTION**  
SCALE: 1:100

- NOTE:**
- STATION CHAINAGE IS BASED ON CENTRELINE OF CORYDON AVENUE.
  - ADJUST NEW MH AND CB RIMS TO NEW GRADES.
  - PLUG SUBDRAINS AT TERMINAL ENDS.
  - REGRADE EXISTING PRIVATE SIDEWALKS AS REQUIRED.
  - ISOLATE ALL POLES, BASES AND PILES WITHIN BUS STOP SIDEWALK (SD-228C).
  - AVOID DAMAGE TO EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION.
  - ALL PAVEMENT MEASUREMENTS ARE TO BACK OF CURB WHERE REQUIRED.
  - CONTACT TERASPAN TO LOWER FIBRE OPTIC CABLE WHERE REQUIRED.
  - CONSTRUCT MANHOLE AND CATCH BASIN ISOLATIONS IN ACCORDANCE WITH SD-228C.
  - INSTALL DETECTABLE WARNING SURFACE TILES IN ACCORDANCE WITH SPECIFICATION E17.
  - CAUTION: THE TERASPAN CABLE IS LOCATED ALONG THE ENTIRE LENGTH OF THE PROJECT AND WITHIN 300mm OF THE GROUND/PAVEMENT SURFACE.
  - INSTALL 100mm THICK APPROVED INSULATION BETWEEN NEW CATCH BASINS AND EXISTING 400 AC WATERMAIN. INSTALL INSULATION ACCORDING TO SPECIFICATION E18.
  - INSTALL 100mm THICK INSULATION ACCORDING TO THE ROAD CROSS SECTION FOR THE FULL LENGTH OF RECONSTRUCTION (STA. 1+88.8 TO STA. 3+48.0)

**PROPERTY LIMITS DELINEATION**  
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

**WARNING**

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
- SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.



**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMAL NUMBERS INDICATE METRES

**APEGM**  
Certificate of Authorization  
KGS Group  
No. 245 Date: APR 11, 2010

P:\Projects\2009\09-0107-23\Drawings\09-0107-23\_02-REV.dwg - Tab: 002 Plotted By: Dberche 04/05/2010 [A1: 10:50am]

300 LBS	LAND DRAINAGE SEWER	300 LBS	BACK OF CURB		
250 WWS	WASTE WATER SEWER	250 WWS	CONCRETE		
	GAS		ASPHALT		
	HYDRO		SIDEWALK		
	M.T.S.		CURB RAMP		
150 WM	WATERMAIN	150 WM	PROPERTY LINE		
	HYDRANT		DETECTABLE WARNING TILES		
	VALVE		TEST HOLE		
	MANHOLE		GUY WIRE		
	CATCH BASIN		TREE		
	CURB INLET		SURVEY BAR		
	LIGHT STANDARD		GEODETTIC BENCHMARK		
	POLES T-MTS		ELEVATION		
	POLES H-HYDRO				
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED

**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. 51-025 ELEV. 234.791  
N.E. CORNER CORYDON AVE & RENFREW ST  
TBLT IN W. CONC. FOUNDATION OF RENFREW SHOPPING CENTRE 1.5m N. 0.2m BELOW BRICK S.W. CORNER BLDG

**KGS GROUP CONSULTING ENGINEERS**

DESIGNED BY: JDF	CHECKED BY: MCR
DRAWN BY: GEL	APPROVED BY: RJH
HOR. SCALE: 1:250	RELEASED FOR CONSTRUCTION:
VERTICAL: 1:50	DATE:

ENGINEER'S SEAL  
CONSULTANT DRAWING NO. 09-0107-23\_002

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

PROJECT TITLE: CORYDON AVENUE EASTBOUND PAVEMENT RECONSTRUCTION & REHABILITATION

BEAVERBROOK ST. TO LANARK ST. STA. 1+88.8 TO STA. 2+80

SHEET 02 OF 03  
COMPUTER FILE NAME: 09-0107-23\_CALL  
CITY DRAWING NUMBER: P-3320-02