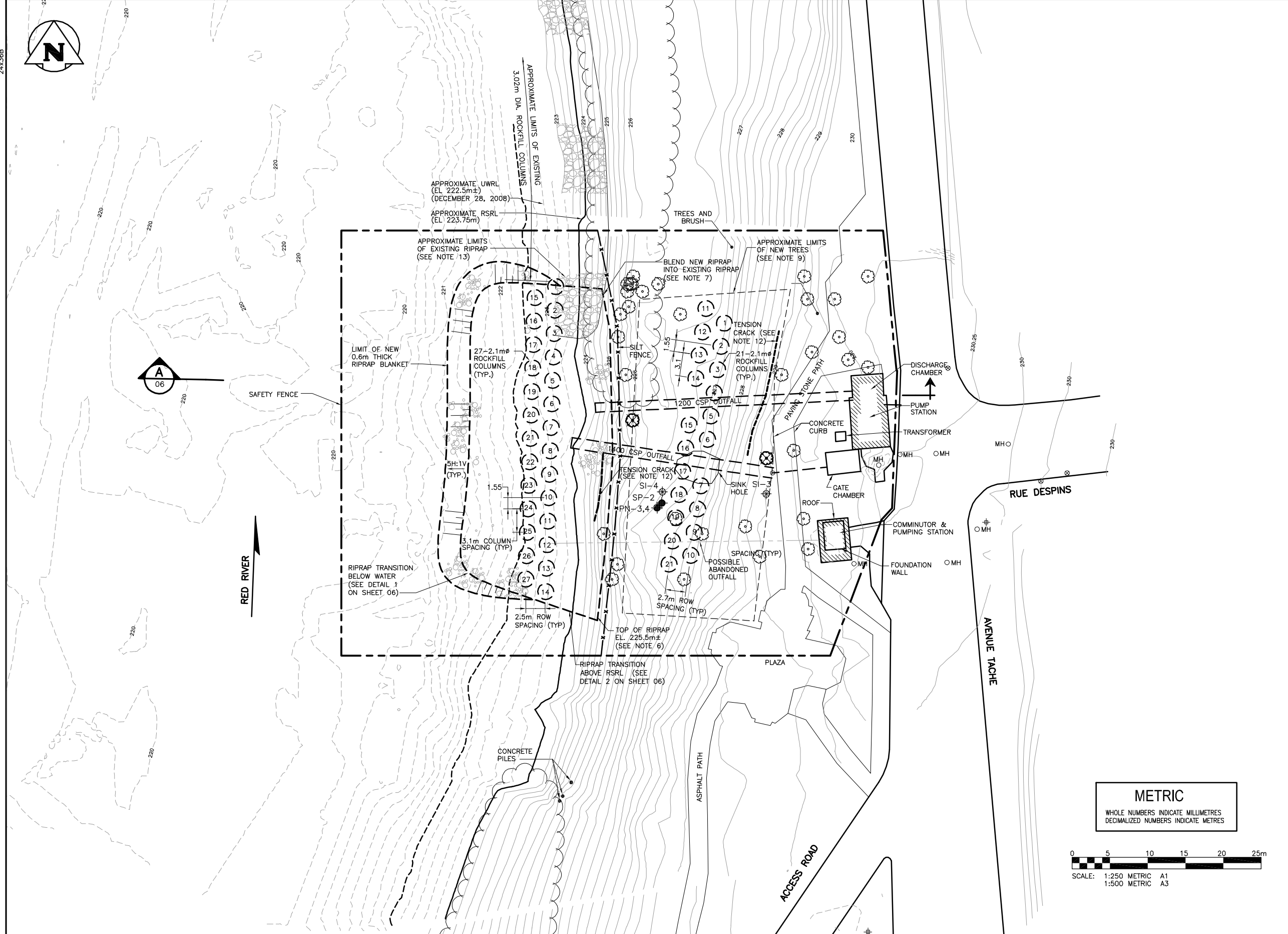


KGS FILE NO.: P:\Projects\2008\08-0107-12\Drawings\911-2008_Drawing_LD-5242-R1.dwg - Tab: LD-5242 - Jan 02, 2009 - 11:08am - User Name: RMeilleur
A1/PLOT SCALE: 1:1



LEGEND

UWR/L	UNREGULATED WINTER RIVER LEVEL
RSRL	REGULATED SUMMER RIVER LEVEL
231	GEODETIC CONTOUR (m)
---	PROPERTY BOUNDARY
---	TREE/BUSH LINE
SI-5	SLOPE INCLINOMETER (KGS GROUP, 2004)
PN-5	PNEUMATIC PIEZOMETER (KGS GROUP, 2004)
SP-3	STANDPIPE PIEZOMETER (KGS GROUP, 2004)
⊗	TREES TO BE REMOVED
⊙	TREES TO BE PROTECTED
---	SAFETY FENCE
---	SILT FENCE

- NOTES:**
- THESE DRAWINGS TO BE READ IN CONJUNCTION WITH TENDER PACKAGE "RUE DESPINS AND AVENUE DE LA CATHEDRALE OUTFALL PIPE REPLACEMENT AND RIVER BANK STABILITY IMPROVEMENT WORKS".
 - SITE PLAN BASED ON 1998 DIGITAL ORTHOGRAPHIC MAPPING AND 2004/2005 KGS GROUP TOPOGRAPHICAL SURVEY AND RIVER BOTTOM SOUNDINGS FROM OCT. 2005.
 - SURVEY CONTROL WILL BE PROVIDED BY THE CONTRACT ADMINISTRATOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF THE WORK AND ANY ONGOING SURVEY DURING CONSTRUCTION.
 - ANTICIPATED ICE LEVEL AT THE SITE WILL BE ELEV. 222.0m ±.
 - WITHIN LIMITS OF BANK WORKS, PROVIDE ACCESS POINT AT TACHE AVENUE.
 - RIPRAP TOP ELEVATION AT 225.5m. CARE SHALL BE TAKEN WHEN PLACING RIPRAP ALONG SHORELINE TO AVOID DAMAGE TO EXISTING TREES LOCATED ALONG TOP OF BANK.
 - BLEND EXISTING AND NEW RIPRAP WITH EXISTING BANK GEOMETRY TO PROVIDE A SMOOTH UNIFORM GRADE.
 - NO TREES SHALL BE REMOVED WITHOUT PRIOR APPROVAL OF THE CONTRACT ADMINISTRATOR.
 - LOCATION OF NEW TREES SHALL BE IN THE MID BANK AREA AND AS DIRECTED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 - REGRADE AREA TO PROVIDE POSITIVE DRAINAGE AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
 - FINAL EXTENTS OF EXCAVATED ROCKFILL COLUMNS TO BE DETERMINED BY CONTRACT ADMINISTRATOR.
 - LOCATIONS OF EXISTING TENSION CRACKS ARE APPROXIMATE AND WILL BE VERIFIED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 - EXISTING RIPRAP EXTENTS ARE APPROXIMATE. RIPRAP EXTENSE AND THICKNESS WILL BE VERIFIED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.

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.

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.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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

150 WM	WATERMAIN	150 WM	HYDRO					
⊕	HYDRANT	⊕	M.T.S.					
⊕	VALVE	⊕	PROPERTY LINE					
300 LBS	LAND DRAINAGE SEWER	300 LBS	SURVEY BAR					
250 WWS	WASTE WATER SEWER	250 WWS	LIGHT STANDARD					
○	MANHOLE	●	HYDRO POLE					
□	CATCH BASIN	■	GUY WIRE					
▽	CURB INLET	▽	SIGN					
+	JUNCTIONS	+	BUSH/TREE LINE					
▬▬▬	CULVERT	▬▬▬	FENCE					
---	GAS	---	ELEVATION					
---	LEGEND-PLAN	---	LEGEND-PLAN					
---	PROPOSED	---	PROPOSED					
---	EXISTING	---	EXISTING					
---	LEGEND-PROFILE	---	LEGEND-PROFILE					
---	PROPOSED	---	PROPOSED					
---	EXISTING	---	EXISTING					

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPPLY 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. 34-013	ELEV. 230.472m	SEE (20430) - E. SIDE TACHE AVE. N. OF THE DESPINS BRIDGE IN 750 CONC. PILE. 30% IN N. OF ALL THE DESPINS (A. 50m W. OF S.I. OF TACHE AVE. 0.100m IN N. OF S.I. OF PILE TO LOCATE SAME.)
1	ISSUED WITH ADDENDUM No 1	31/12/08 Rke
0	ISSUED FOR TENDER	16/12/08 Rke
NO. REVISIONS	DATE	BY

KGS GROUP CONSULTING ENGINEERS & PROJECT MANAGERS

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

DESIGNED BY	CWC/RD	CHECKED BY	CWC
DRAWN BY	EC/ESM/PD	APPROVED BY	RKe
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:		DATE	
DATE	08/12/08		

ENGINEER'S SEAL

ORIGINAL SIGNED BY
R.M. KENYON
31/12/08

CONSULTANT DRAWING NO.
08-0107-12_05

THE CITY OF WINNIPEG
WATER & WASTE DEPARTMENT

2008 OUTFALL REPAIRS RUE DESPINS

RIVERBANK WORKS

SHEET **05** OF **09**

CAD FILE DRAWING NUMBER
RR_54-55 RIVERBANK WORKS

CITY DRAWING NUMBER
LD-5242