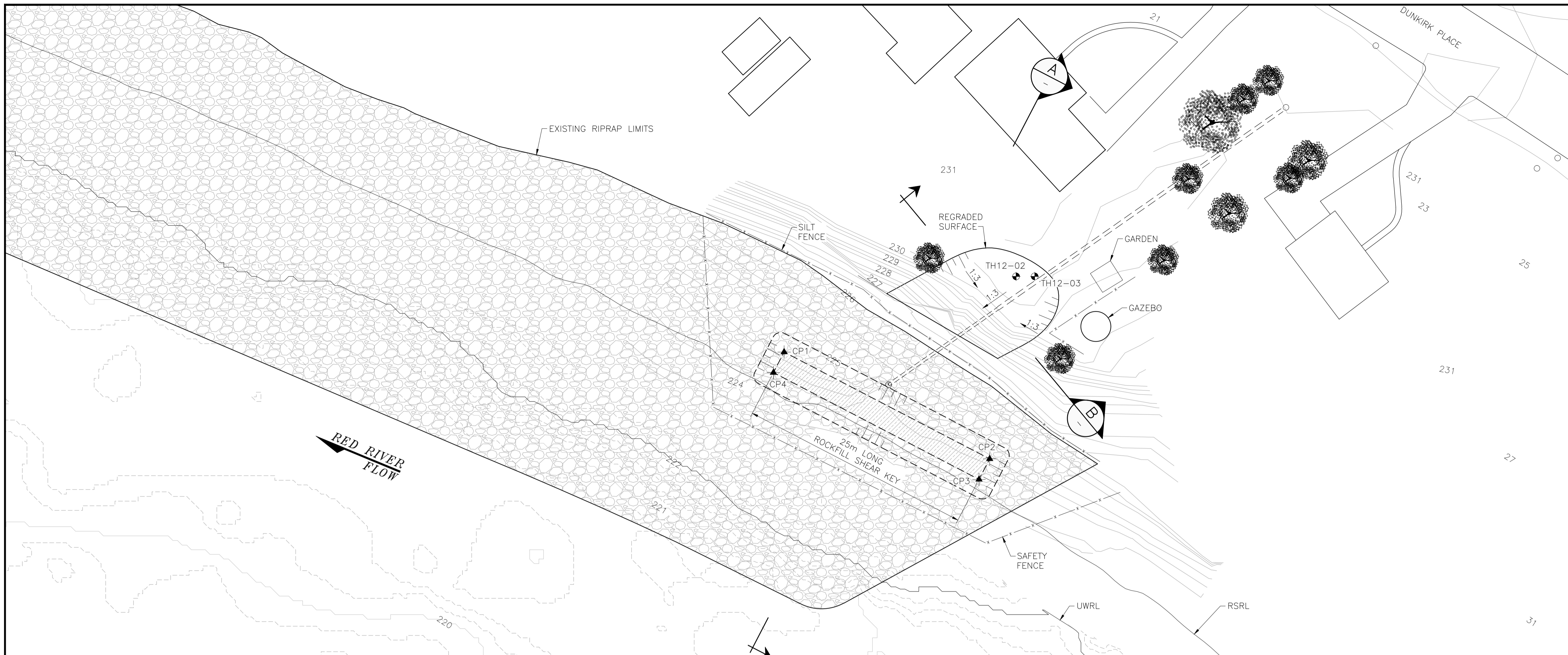
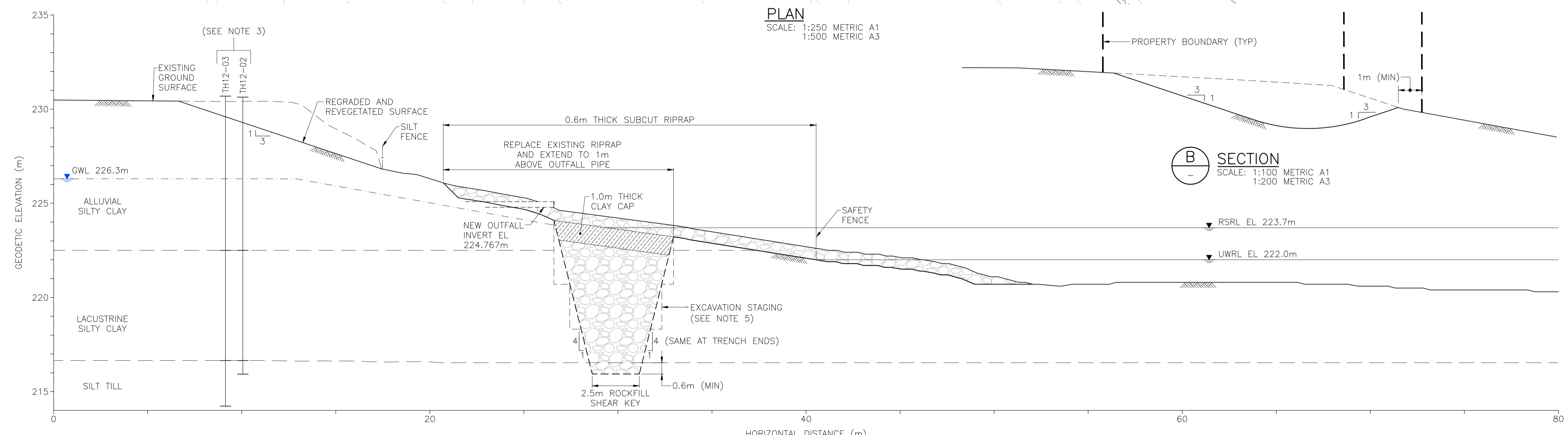


File Name: P:\Projects\2012\12-0107-013\DocControl\ToBeIssued\DWG\12-0107-013.LD-7272-Rev 0.dwg - Tab: Layout 01 Plotted By: EChubey 13/12/05 [Thu 1:11pm]
 C:\PLOT SCALE: 1:1



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



A SECTION
SCALE: 1:125 METRIC A1
1:250 METRIC A3

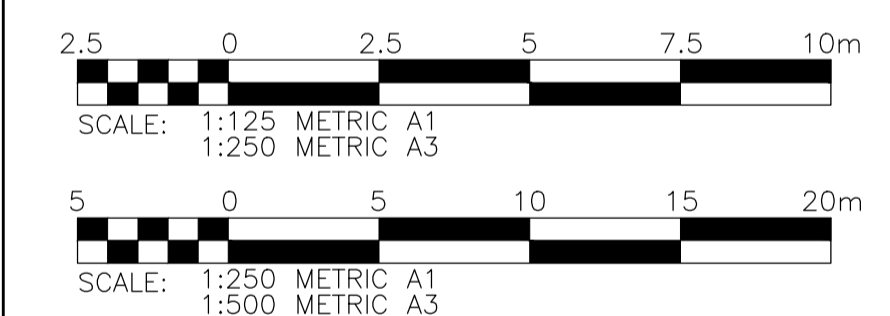
B SECTION
SCALE: 1:100 METRIC A1
1:200 METRIC A3

LEGEND:

- ASSUMED STRATIGRAPHIC CONTACT
- x-x- SILT AND SAFETY FENCE
- 231 GEODETIC GROUND SURFACE CONTOUR (m)
- ▼ WATER LEVEL
- ▲ CP1 CONTROL POINT (SHEAR KEY LAYOUT)

| SURVEY CONTROL POINTS U.T.M. COORDINATE TABLE | | |
|--|----------|---------|
| CONTROL PT. | NORTHING | EASTING |
| CP01 | 5523894 | 634488 |
| CP02 | 5523882 | 634510 |
| CP03 | 5523880 | 634509 |
| CP04 | 5523892 | 634487 |

- NOTES:**
1. THE TERM REGULATED SUMMER RIVER LEVEL (RSRL) REFERS TO THE WATER LEVEL AT THE JAMES AVENUE PUMPING STATION WITH THE ST. ANDREWS LOCK AND DAM IN OPERATION AND FOR FLOWS LESS THAN 12,000 CFS.
 2. THE TERM UNREGULATED WINTER RIVER LEVEL (UWRL) REFERS TO THE HYDRAULIC PROFILE ON THE RED RIVER AND WILL VARY DEPENDING ON RIVER DISCHARGE AND LOCATION.
 3. DEPENDING ON DEPTH OF REGRADED, INSTRUMENTATION SHALL BE LOWERED IF REQUIRED AS APPROVED BY THE CONTRACT ADMINISTRATOR.
 4. CONSTRUCTION OF ROCKFILL SHEAR KEY SHALL BE COMPLETED PRIOR TO START OF REPAIRS TO OUTFALL PIPE.
 5. TRENCH EXCAVATION MAY BE STAGED TO MINIMIZE SIDE WALL SLOUGHING BY USING SHALLOW CUTS AND ALLOWING TO FREEZE PRIOR TO EXCAVATING TO NEXT DEEPER STAGE



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



| EXISTING | LEGEND-PLAN | PROPOSED | EXISTING | LEGEND-PROFILE | PROPOSED |
|----------|---------------------|----------|----------|--------------------|----------|
| 300 LBS | LAND DRAINAGE SEWER | 300 LBS | + | 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 | ⊙ | — | PROPERTY LINE | |
| ○ | MANHOLE | ○ | ⊕ | SURVEY BAR | |
| □ | CATCH BASIN | □ | ⊕ | GEODETIC BENCHMARK | |
| ▽ | CURB INLET | ▽ | ⊕ | ELEVATION | (32.231) |
| • | POLES T-MIS H-HYDRO | • | ▲ | | |
| --- | | --- | TTTTT | WINDOW/DOOR SILL | |

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.

| NO. | REVISIONS | DATE | BY |
|-----|-------------------|----------|-----|
| 0 | ISSUED FOR TENDER | 13/12/05 | RBO |

| | |
|---------------------------------------|--|
| B.M. KGS BASE ELEV. - | DWGS BASED ON C.S.R.S. NAD 83 SYSTEM, UTM GRID |
| KGS GROUP CONSULTING ENGINEERS | |
| DESIGNED BY: JRB | CHECKED BY: DEA |
| DRAWN BY: PEC | APPROVED BY: |
| HOR. SCALE: 1:250 | RELEASED FOR CONSTRUCTION: |
| VERTICAL: 1:250 | DATE: 13/11/04 |

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
12-0107-013

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

PROJECT TITLE: **2012 OUTFALL RENEWAL/REHABILITATION PROGRAM OAKCREST PL. OUTFALL (RR-34) RIVER BANK WORKS**

SHEET **01** OF **01**

COMPUTER FILE NAME: **12-0107-013_G02**

CITY DRAWING NUMBER: **LD-7272**