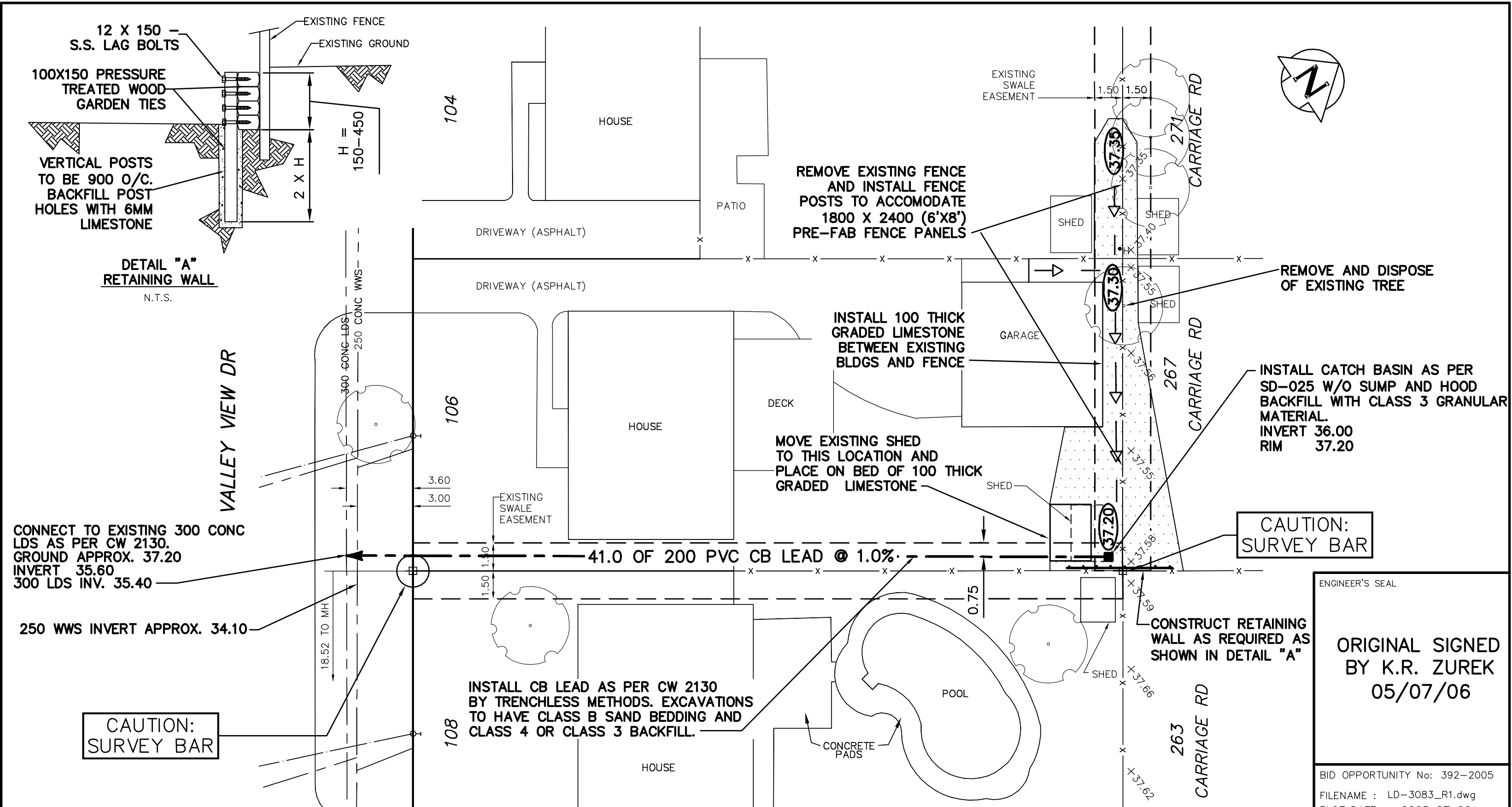


**DETAIL "A"**  
**RETAINING WALL**  
N.T.S.



CONNECT TO EXISTING 300 CONC  
LDS AS PER CW 2130.  
GROUND APPROX. 37.20  
INVERT 35.60  
300 LDS INV. 35.40

250 WWS INVERT APPROX. 34.10

**CAUTION:  
SURVEY BAR**

INSTALL CB LEAD AS PER CW 2130  
BY TRENCHLESS METHODS. EXCAVATIONS  
TO HAVE CLASS B SAND BEDDING AND  
CLASS 4 OR CLASS 3 BACKFILL.

REMOVE EXISTING FENCE  
AND INSTALL FENCE  
POSTS TO ACCOMODATE  
1800 X 2400 (6'X8')  
PRE-FAB FENCE PANELS

INSTALL 100 THICK  
GRADED LIMESTONE  
BETWEEN EXISTING  
BLDGS AND FENCE

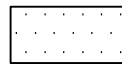
MOVE EXISTING SHED  
TO THIS LOCATION AND  
PLACE ON BED OF 100 THICK  
GRADED LIMESTONE

REMOVE AND DISPOSE  
OF EXISTING TREE

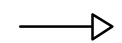
INSTALL CATCH BASIN AS PER  
SD-025 W/O SUMP AND HOOD  
BACKFILL WITH CLASS 3 GRANULAR  
MATERIAL.  
INVERT 36.00  
RIM 37.20

**CAUTION:  
SURVEY BAR**

CONSTRUCT RETAINING  
WALL AS REQUIRED AS  
SHOWN IN DETAIL "A"



— PROPOSED AREA TO BE SWALED AND SODDED



— CENTRE LINE OF PROPOSED SWALE

+ 37.59

— EXISTING ELEVATION

(37.20)

— PROPOSED ELEVATION

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

B.M. ELEV.	FIELD BOOK #:	<b>CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION</b>	
POSTED TO LIS		DESIGNED BY NC	CHECKED BY TW/KZ
		DRAWN BY PB	APPROVED BY KZ
		HOR. SCALE 1:200	RELEASED FOR CONSTRUCTION
		VERTICAL	
NO.	REVISIONS	DATE	DATE
		2005 07 05	

**Winnipeg** **THE CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT**

**CATCH BASIN AND SWALE INSTALLATION  
AT  
106 VALLEY VIEW DR**

SHEET 1 OF 1  
CITY DRAWING NUMBER  
**LD-3083**

ENGINEER'S SEAL

**ORIGINAL SIGNED  
BY K.R. ZUREK  
05/07/06**

BID OPPORTUNITY No: 392-2005  
FILENAME : LD-3083\_R1.dwg  
PLOT DATE : 2005 07 06