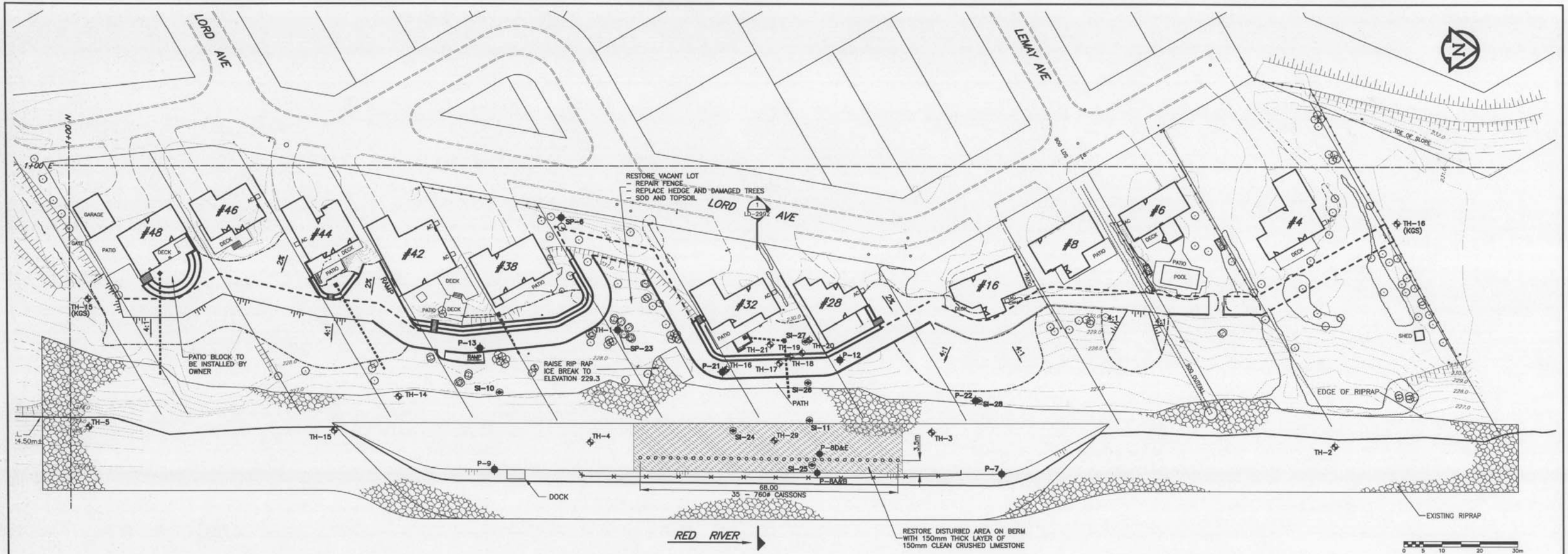
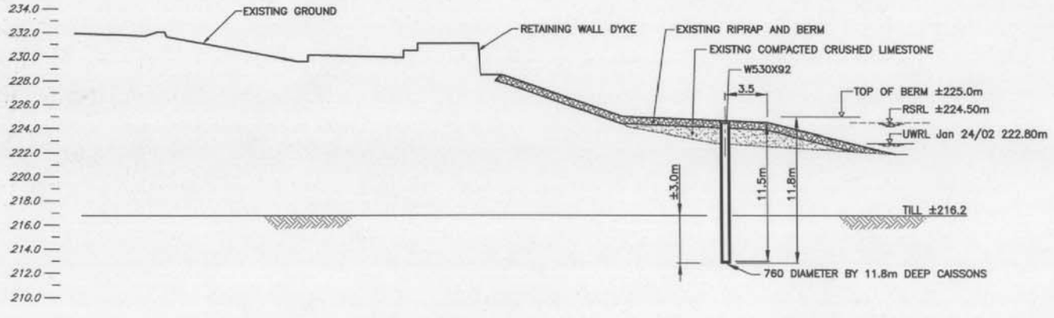



CAISSON 760ø STEEL & CONCRETE:

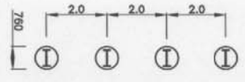
1. STEEL: CAM/CAS-G40.21 GRADE 300W
2. CONCRETE: CITY OF WINNIPEG SPECIFICATION CW 2160-R5, MIX B, TYPE 50 CEMENT.




## #32 LORD AVE. SECTION - STA. 2+82

1:250

1 / 2992




## CAISSON SPACING DETAIL

1:100

LEGEND

- MINIMUM EXTENT OF SEDIMENT CONTROLS
- SEGMENTAL BLOCK RETAINING WALLS
- EXTENT OF EXISTING FILL FOR DIKE
- EDGE OF DIKE CORRIDOR
- 229.0 EXISTING ELEVATIONS IN METRES
- PIEZOMETERS
- TEST HOLES
- SLOPE INCLINOMETER

HALF SIZE REDUCTION

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

Tender No. 98-2004

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. 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. –
ELEV. –

| NO. | REVISIONS | DATE | BY |
|---|---|---|---|
| A | ISSUED FOR TENDER | 26May04 | LJV |

UMA Engineering Ltd.
• Consulting • Engineering • Construction • Management Services

| | | | |
|---|---|---|---|
| DESIGNED BY | JET | CHECKED BY | |
| DRAWN BY | MLH/LJV | APPROVED BY | |
| HOR. SCALE: | PLAN 1:500 | RELEASED FOR CONSTRUCTION | |
| VERTICAL: | – | | |
| DATE | MAY 2004 | DATE | |

APEGM SEAL
APEGM
Certificate of Authorization
UMA Engineering Ltd.
No. 256 Expiry: April 30, 2005

ENGINEER'S SEAL
PROVINCE OF MANITOBA
J. E. TALLIN
REGISTERED PROFESSIONAL ENGINEER
04/05/04

CONSULTANT DRAWING NO. 01
D265-147-05

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

LORD AVENUE RING DIKE
RIVERBANK REMEDIATION WORKS
CONTRACT 2

CAISSON DETAILS

SHEET 1 OF 1

CITY DRAWING NUMBER
LD-2992 REV A

PLOT SCALE: 1=1
J:\Certs & Water\Projects\D265 City of Winnipeg\D265-147 - Lord Avenue\Drafting\Drawings\Drilling Works\Caisson Dwgs\2992_01_A.dwg - Tab: 2992