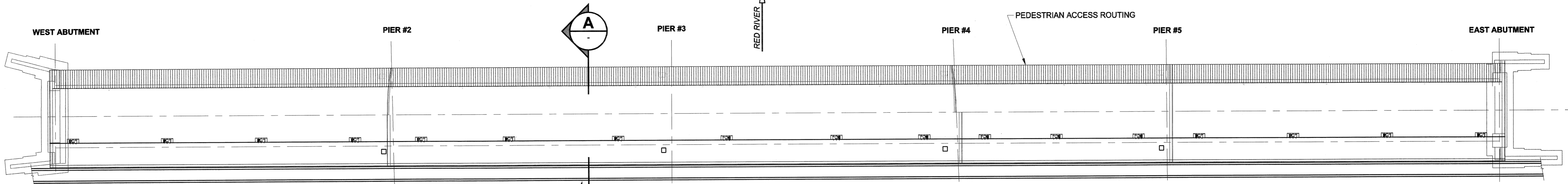
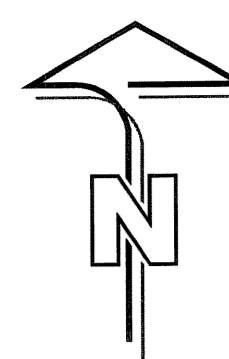
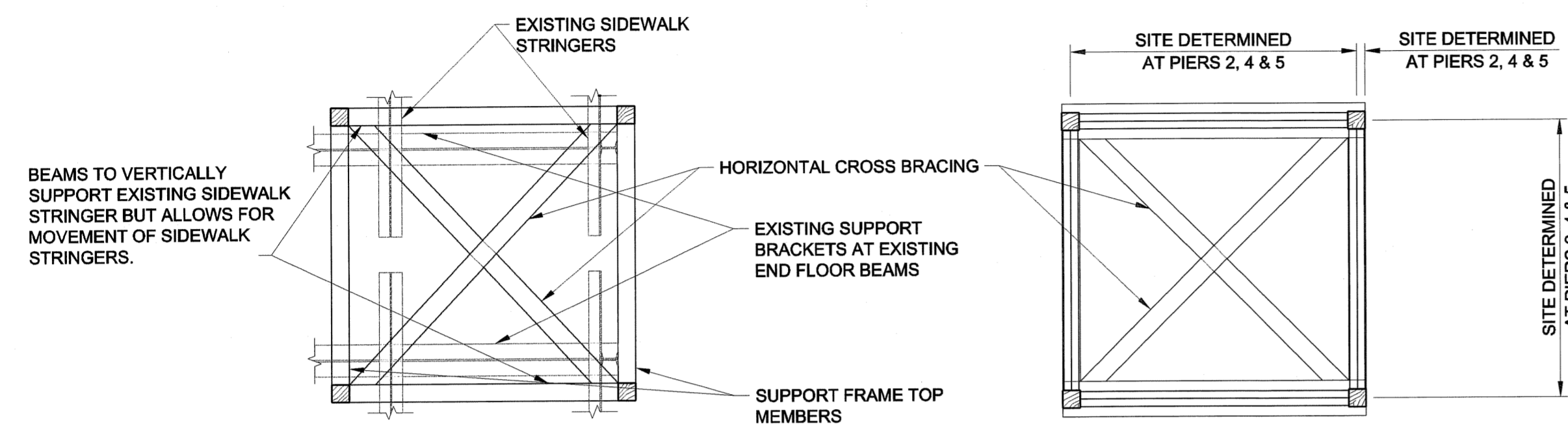


D SIZE 22" x 34" (559mm x 864mm)



**GENERAL PLAN**

SCALE 1:300

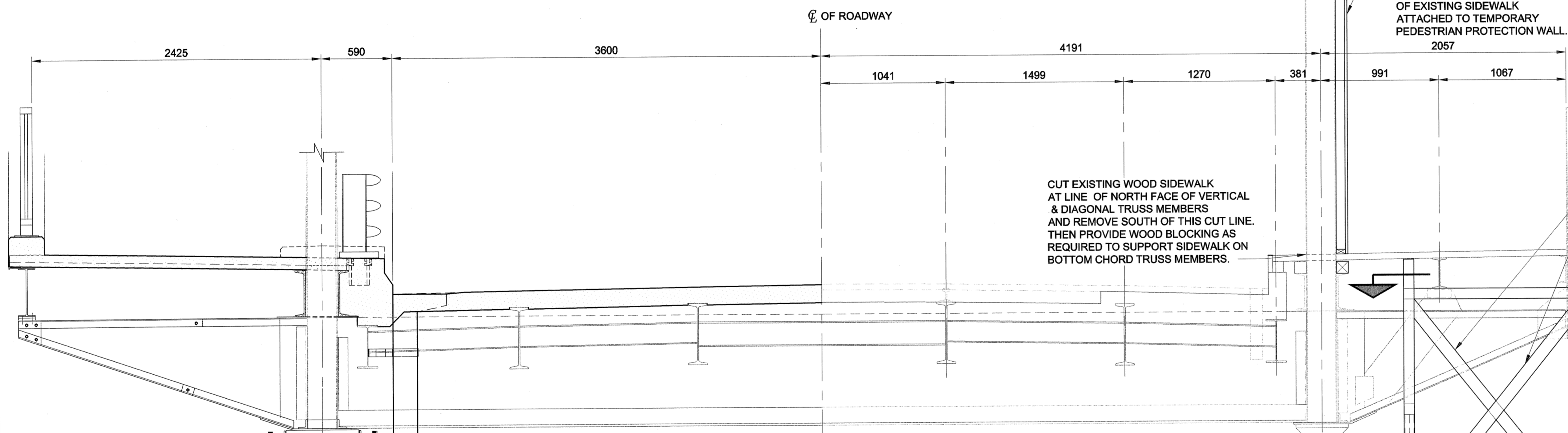


**SECTION B**

SCALE 1:25

**SECTION C**

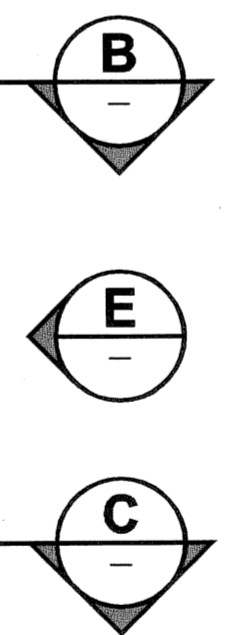
SCALE 1:25



CROSS BRACE BETWEEN HORIZONTAL MEMBERS ON BOTH SIDES OF SUPPORT FRAME.

CUT EXISTING WOOD SIDEWALK AT LINE OF NORTH FACE OF VERTICAL & DIAGONAL TRUSS MEMBERS AND REMOVE SOUTH OF THIS CUT LINE. THEN PROVIDE WOOD BLOCKING AS REQUIRED TO SUPPORT SIDEWALK ON BOTTOM CHORD TRUSS MEMBERS.

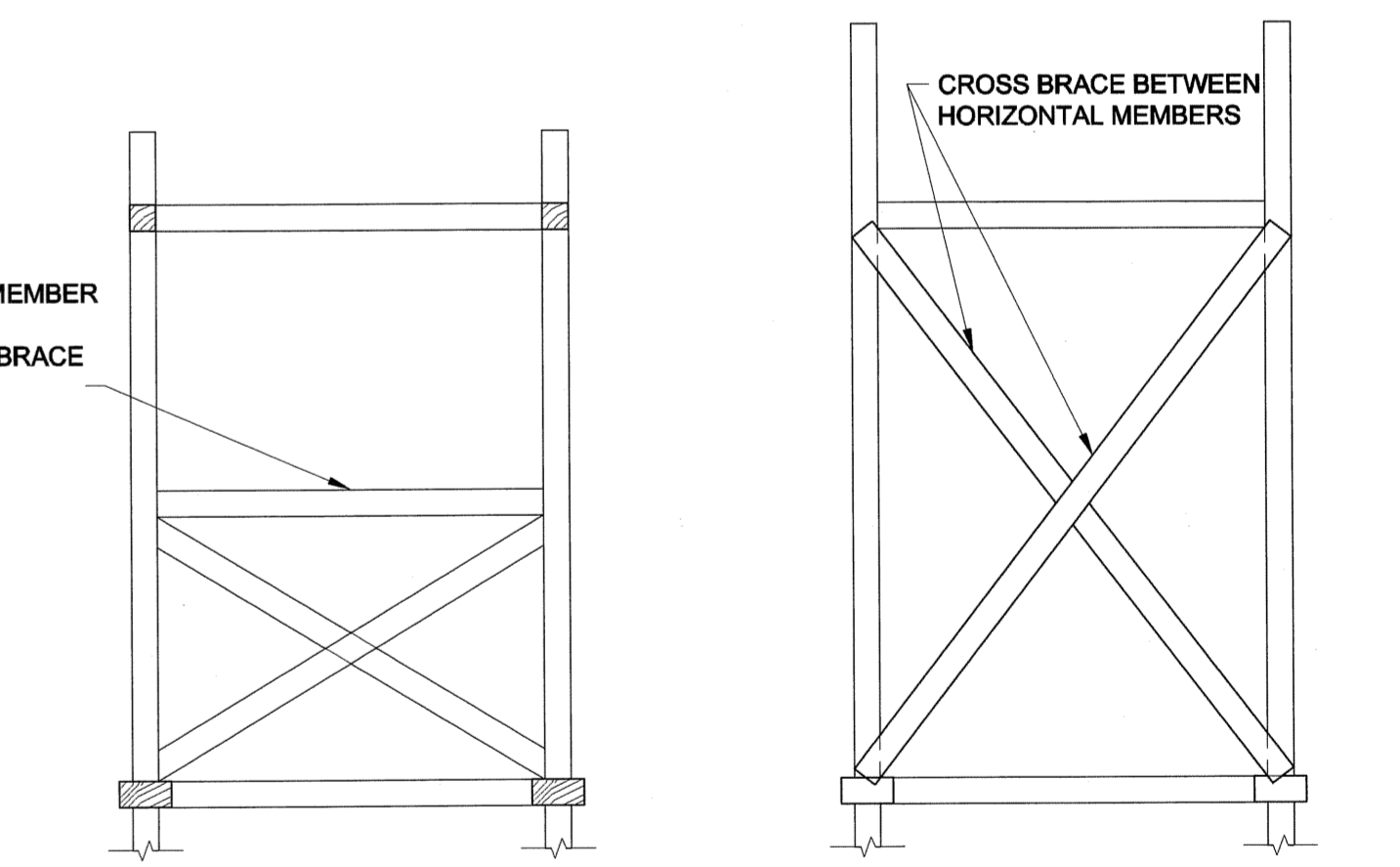
TEMPORARY PEDESTRIAN PROTECTION WALL MIN 2400 TALL CONNECTED TO EXISTING WOOD SIDEWALK & TO EXISTING TRUSS MEMBERS. PROVIDE ADEQUATE LIGHTING OF EXISTING SIDEWALK ATTACHED TO TEMPORARY PEDESTRIAN PROTECTION WALL.



PROVIDE HORIZONTAL MEMBER JUST BELOW EXISTING BRACKETS AND CROSS BRACE BELOW THAT

PROVIDE TEMPORARY SUPPORT BRACKETS AND FRAMING AT PIERS 2, 4 & 5 TO SUPPORT SIDEWALK STRINGERS ADJACENT TO EXISTING SUPPORT BRACKETS TO ALLOW REPLACEMENT OF END FLOOR BEAMS AT THESE LOCATIONS.

- NOTES:**  
 DESIGN TEMPORARY SUPPORT FRAMING & BRACKETS FOR 30.0 kN SERVICE LOAD VERTICAL FROM EACH SIDEWALK STRINGER ON EACH SIDE OF PIERS 2, 4, AND 5 (120.0 kN TOTAL AT EACH PIER).
- PEDESTRIAN ACCESS AND PROTECTION SHALL BE PROVIDED AT ALL TIMES, MINIMUM 1500 WIDE BY 2400 HIGH. AN ACCEPTABLE STAGING OF CONSTRUCTION TO ACCOMMODATE PEDESTRIANS IS AS FOLLOWS:
- CLOSE ROADWAY TO ALL VEHICLES AND CLOSE NORTH SIDEWALK TO PEDESTRIANS, ERECT TEMPORARY PROTECTION WALL ON NORTH FACE OF THE NORTH TRUSSES, CUT SIDEWALK BACK TO NORTH FACE OF TRUSS AND PROVIDE SUPPORT TO NEW EDGE OF SIDEWALK, AND INSTALL LIGHTING FOR NORTH SIDEWALK.
  - OPEN NORTH SIDEWALK AND CLOSE SOUTH SIDEWALK TO PEDESTRIANS.
  - REMOVE EXISTING SOUTH SIDEWALK AND SUPPORT BRACKETS AND EXISTING DECK ON THE BRIDGE.
  - INSTALL TEMPORARY BRACKETS OFF PIERS 2, 4, AND 5 TO SUPPORT NORTH SIDEWALK DURING END FLOOR BEAM REPLACEMENTS. (SEE SECTION A). REPLACE 1 END FLOOR BEAM AT A TIME AT EACH PIER AND PROVIDE LATERAL CONNECTION OF THE TOP RAIL IN THE SIDEWALK RAILING DURING FLOOR BEAM REPLACING. LATERAL CONNECT TO PREVENT DIFFERENTIAL LATERAL MOVEMENT OF THE TOP OF THE HAND RAILING BUT ALLOW FOR LONGITUDINAL MOVEMENT.
  - REPLACE END FLOOR BEAMS, ADJUST SPAN 4 LOCATION, INSTALL BEARINGS, RELOCATE CATWALK ON PIER 5, REMOVE ALL DRIVE SHAFTS AND CABLE SUPPORT STRUCTURES, CARRYOUT MISC. STEEL REPAIRS AND ZINC METALLIZING TO ABOVE SIDEWALK LEVEL (EXCEPT ON NORTH FACE OF THE NORTH TRUSSES).
  - INSTALL FRAMING AND DECKING FOR SOUTH SIDEWALK.
  - PREPARE AND CAST DECK SLAB.
  - PREPARE AND CAST SOUTH CURB, SIDEWALK, AND SIDEWALK CURB.
  - COMPLETE ZINC METALLIZING ON SOUTH TRUSSES AND CLOSURES AROUND SOUTH TRUSSES.
  - INSTALL SOUTH SIDEWALK HANDRAILING AND SOUTH BRIDGE SHOULDER BARRIERS.
  - INSTALL ADEQUATE LIGHTING OF SOUTH SIDEWALK AND OPEN NEW SOUTH SIDEWALK TO PEDESTRIANS.
  - CLOSE NORTH SIDEWALK TO PEDESTRIANS AND COMPLETE CONSTRUCTION.
  - OPEN ENTIRE BRIDGE TO PEDESTRIANS ON BOTH SIDEWALKS AND ROADWAY TO VEHICULAR TRAFFIC.



**ELEVATION D**

SCALE 1:25

INSIDE ELEVATION OF PROPOSED TEMPORARY SUPPORT BRACKETS AND FRAMING

**ELEVATION E**

SCALE 1:25

OUTSIDE ELEVATION OF PROPOSED TEMPORARY SUPPORT BRACKETS AND FRAMING

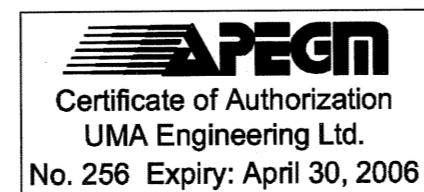
**SECTION A**

SCALE 1:25

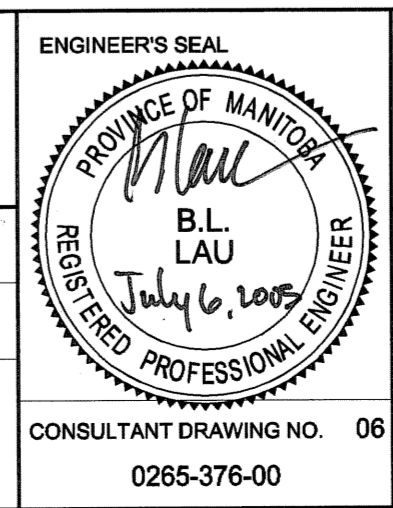
PROPOSED AND EXISTING TYPICAL

**NOTE:**  
 ALL DIMENSIONS SHOWN ON THE DRAWINGS ARE BASED ON AVAILABLE INFORMATION AND RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION OR PRIOR TO PREPARATION OF SHOP DRAWINGS. THE CONTRACTOR SHALL MAKE THE APPROPRIATE ADJUSTMENTS TO THE APPLICABLE DETAILS AND DIMENSIONS ACCEPTABLE TO THE CONTRACT ADMINISTRATOR. THE CONTRACTOR SHALL THEN FABRICATE AND CONSTRUCT THE WORKS IN ACCORDANCE WITH THE CORRECTED DIMENSIONS.

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



<b>UMA</b> UMA Engineering Ltd. * Consulting * Engineering * Construction * Management Services	
DESIGNED BY: BLL	CHECKED BY: SBB
DRAWN BY: DL	APPROVED BY: <i>BLL</i>
HOR. SCALE: AS SHOWN	ACCEPTED BY: <i>Meil</i>
VERT. SCALE: AS SHOWN	DATE: 2005-07-07
NO. REVISIONS	DATE
0 ISSUED FOR CONSTRUCTION 05/07/05 SK	
1	



**THE CITY OF WINNIPEG**  
**PUBLIC WORKS DEPARTMENT**

**REDWOOD BRIDGE**  
**REHABILITATIVE MAINTENANCE AND**  
**RELATED WORKS**

PEDESTRIAN ACCESS ROUTING

CITY DRAWING NUMBER: B113-05-06  
 SHEET 06 OF 74  
 REV 06 0

CONSULTANT DRAWING NO. 06  
 0265-376-00

Bid Opportunity No. 257-2005

PLOT SCALE 1:1  
 AutoCAD 15.08 P:\0265\355-03\AutoCAD\DWG\1 Working Drawings\0265-355-03\_01-S-0006\_Rx.dwg 2005-05-20 10:28am CGC