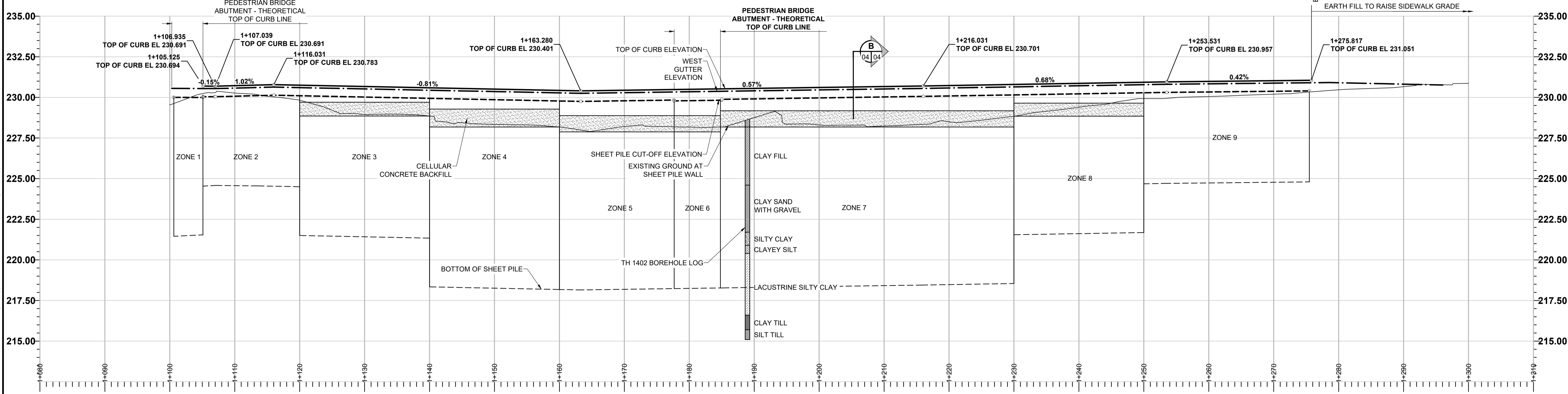


**PLAN**

SCALE: 1:300



**PROFILE**

SCALE: 1:300



**SHEET PILE WALL AND CURB LAYOUT**

CONTROL LINE STATION	O/S TO SHEET PILE WALL CL	SHEET PILE WALL CL STATION	SHEET PILE WALL FEATURE
0+751.948	-10.073	1+100	BEGIN CORBEL BEAM
0+752.120	-9.828	1+100.3	BEGIN SHEET PILE
0+754.888	-5.875	1+105.125	BEGIN CURB
0+755.955	-4.350	1+106.987	BEND LINE
0+826.621	-4.350	1+177.652	END CURB
0+844.086	-4.350	1+184.818	BEGIN CURB
0+924.456	-4.350	1+275.487	END SHEET PILE
0+924.786	-4.350	1+275.817	END CORBEL / END CURB

NOTE: FROM THE SOUTH LIMIT OF THE SHEET PILE WALL CL AT STATION 1+100 TO THE BEND LINE AT STATION 1+106.987 THE SHEET PILE WALL IS STRAIGHT. FROM THE BEND LINE TO THE NORTH LIMIT OF THE SHEET PILE WALL, THE SHEET PILE WALL AND CURB ARE OFFSET A UNIFORM DISTANCE FROM THE CONTROL LINE. THE CONTROL LINE IS BASED ON THE EXISTING BACK OF CURB OF TACHE AVENUE AND IS NOT ALWAYS STRAIGHT, HENCE THE ALIGNMENT OF THE SHEET PILE WALL AND CURB ARE NOT ALWAYS STRAIGHT. REFER TO THE CONTROL LINE GEOMETRY DRAWING No. 02-03 FOR ALIGNMENT DETAILS.

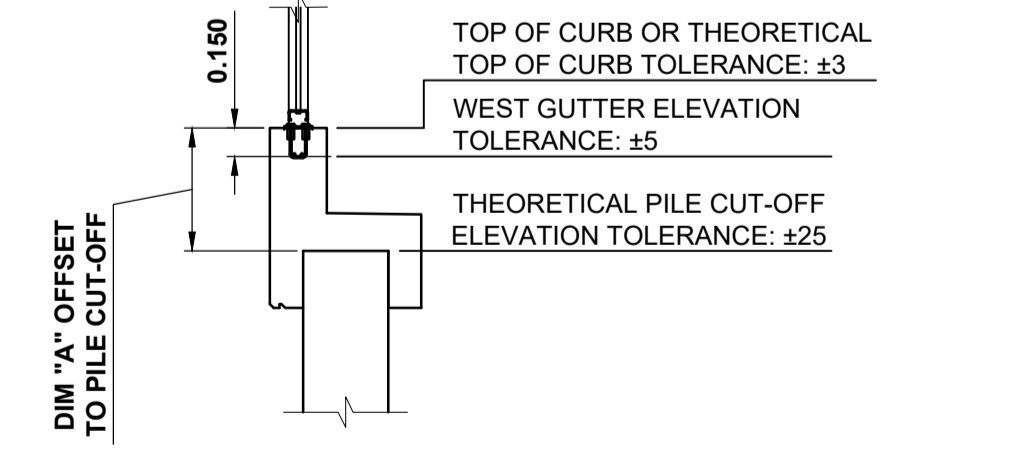
- SHEET PILE WALL SUPPLY AND INSTALL LENGTHS**
- SUPPLY SHEET LENGTH NOTED FOR EACH ZONE
  - DRIVE ENTIRE SHEET UNTIL TOP OF SHEET IS 0.5m ABOVE CUT-OFF ELEVATION
  - DRIVE FOLLOWING SHEET
  - ONCE ANY DRAWDOWN OF ADJACENT SHEETS HAS STOPPED, CUT-OFF SHEET AT CUT-OFF ELEVATION. CUT-OFF ELEVATION IS AS A UNIFORM OFFSET FROM THE TOP OF CURB PROFILE. THE OFFSET OF EACH ZONE IS SHOWN IN THE SHEET PILE ZONES TABLE.



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

**SHEET PILE ZONES AND DEPTHS**

ZONE	START STATION	END STATION	DIM "A"	CELLULAR CONCRETE BACKFILL		SHEET SUPPLY LENGTH
				TOP ELEVATION	UNDERSIDE OF DRAINAGE LAYER ELEVATION	
1	1+100.3	1+105.125	0.700	NA	NA	30 FT
2	1+105.125	1+120	0.650	NA	NA	20 FT
3	1+120	1+140	0.650	229.702	228.852	30 FT
4	1+140	1+160	0.650	229.276	228.176	40 FT
5	1+160	1+177.672	0.650	228.876	227.876	40 FT
6	1+177.652	1+184.818	0.700	228.876	227.876	40 FT
7	1+184.818	1+230	0.650	229.176	228.176	40 FT
8	1+230	1+250	0.650	229.643	228.843	30 FT
9	1+250	1+275.487	0.650	NA	NA	20 FT



**DETAIL - PROFILE ELEVATIONS AND PERMISSIBLE TOLERANCES**

SCALE: 1:40

**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.

NO.	ISSUED FOR TENDER	DATE	BY
0	ISSUED FOR TENDER	17/10/13	DAN
	REVISIONS	YY/MM/DD	BY

**MORRISON HERSHFIELD**

DESIGNED BY: TN  
CHECKED BY: DAN  
DRAWN BY: MS  
APPROVED BY: BE  
RELEASED FOR CONSTRUCTION

HOR SCALE: AS SHOWN  
VERT SCALE: AS SHOWN

DATE: 17/10/13

PROFESSIONAL'S SEAL  
PROVINCE OF MANITOBA  
**D.A. NEILSON**  
Member  
37248  
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME  
5170563 - SP02 - P&P.dwg

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

**TACHE PROMENADE SHEET PILE WALL**

PLAN AND PROFILE

CITY DRAWING NUMBER: B250-17-20  
SHEET 20 OF 70  
DRAWING No. REV 04 0

BID OPPORTUNITY No. 754-2017