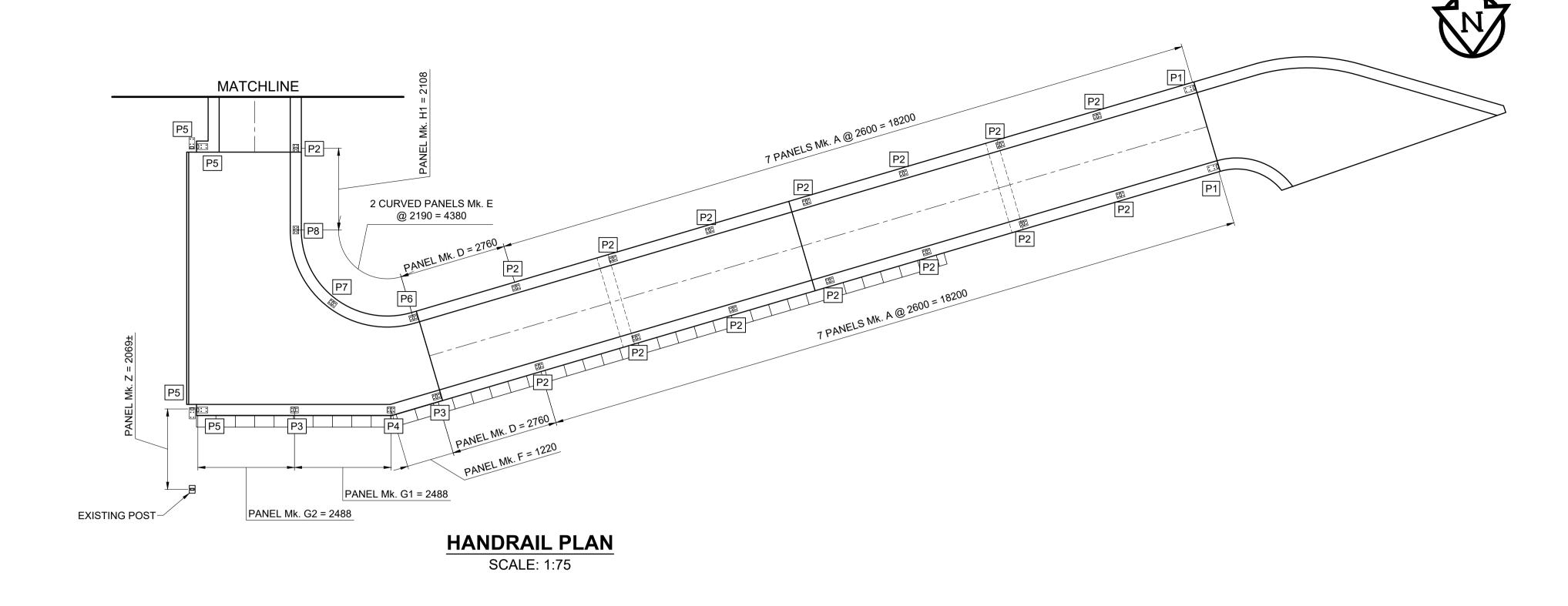
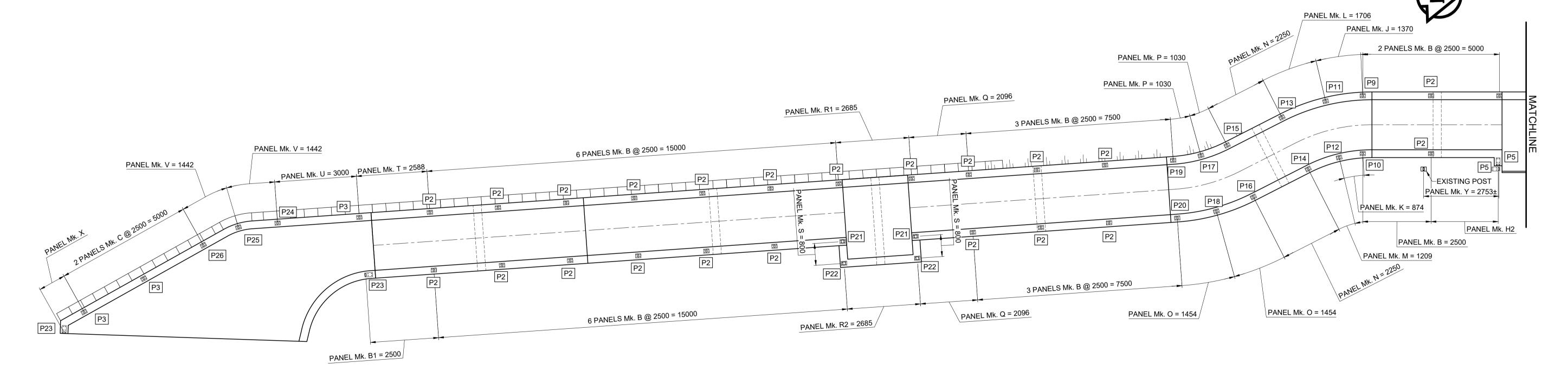
ALUI	MINUM POS	T QUANTITIES			
POST Mk.	QTY	REMARK			
P1	2	END POST			
P2	37	INTERMEDIATE POST			
P3	5	INTERMEDIATE POST			
P4	1	INTERMEDIATE POST			
P5	4	END POST			
P6	1	INTERMEDIATE POST			
P7	1	INTERMEDIATE POST			
P8	1	INTERMEDIATE POST			
P9	1	INTERMEDIATE POST			
P10	1	INTERMEDIATE POST			
P11	1	INTERMEDIATE POST			
P12	1	INTERMEDIATE POST			
P13	1	INTERMEDIATE POST			
P14	1	INTERMEDIATE POST			
P15	1	INTERMEDIATE POST			
P16	1	INTERMEDIATE POST			
P17	1	INTERMEDIATE POST			
P18	1	INTERMEDIATE POST			
P19	1	INTERMEDIATE POST			
P20	1	INTERMEDIATE POST			
P21	2	CORNER POST			
P22	2	CORNER POST			
P23	2	END POST			
P24	1	INTERMEDIATE POST			
P25	1	INTERMEDIATE POST			
P26	1	INTERMEDIATE POST			
Ť	OTAL NUMBER (OF POSTS = 73			





HANDRAIL PLAN SCALE: 1:75

NOTES:

1. ALUMINUM EXTRUSIONS SHALL CONFORM TO ASTM B221 ALLOY 6351-T6.

2. THE M.I.G. PROCESS OF WELDING SHALL BE USED.

3. RAIL POSTS AND BALUSTERS SHALL BE SET PLUMB.

4. PLACE NEOPRENE PAD UNDER EACH POST BETWEEN BASE PLATE OR SHIM AND CONCRETE SURFACE. ALUMINUM SHIMS MAY BE REQUIRED

FOR VERTICAL ALIGNMENT. 5. HANDRAIL ANCHOR INSERTS SHALL BE ACROW-RICHMOND TYPE DGRS-1.

BID OPPORTUNITY No. 602-2018



LOCATION APPROVED UNDERGROUND STRUCTURES SUPR. U/G STRUCTURES DATE COMMITTEE 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.

D s	BM ELEV				m]			PROFESSIONAL'S SEAL
						Morris	ON HE	RSHFIELD	B.A.F.
ES					DESIGNED BY	YM	CHECKED BY	BAP	PHILLPS Member 32723
N					DRAWN BY	ALP	APPROVED BY	BE	PROFESSIONAL PROFE
OF					1100 00415	AS SHOWN	RELEASED FOR	CONSTRUCTION	A TOP EOU
	В	ISSUED FOR TENDER	18/09/04	BAP	HOR SCALE VERT SCALE		N/A DATE		CONSULTANT FILE NAME
NG	Α	ISSUED FOR 95% DESIGN REVIEW	18/08/07	BAP					W160034 - DD SR
_	No.	REVISIONS	YY/MM/DD	BY	DATE				HANDRAIL.DWG



THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT

ENGINEERING DIVISION

	CITY DRAWING NUMBER			
EMPRESS STREET PROJECT	P-3494-128			
PEDESTRIAN ACCESSIBILITY RAMPS	SHEET	0F 128	168	
SOUTH RAMP	DRAWING No.		REV	
PEDESTRIAN HANDRAIL PLAN			В	