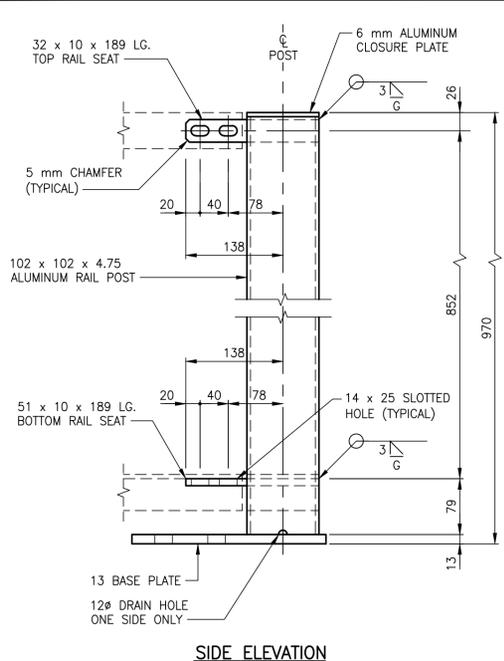


A1 SIZE (594 mm x 841 mm)

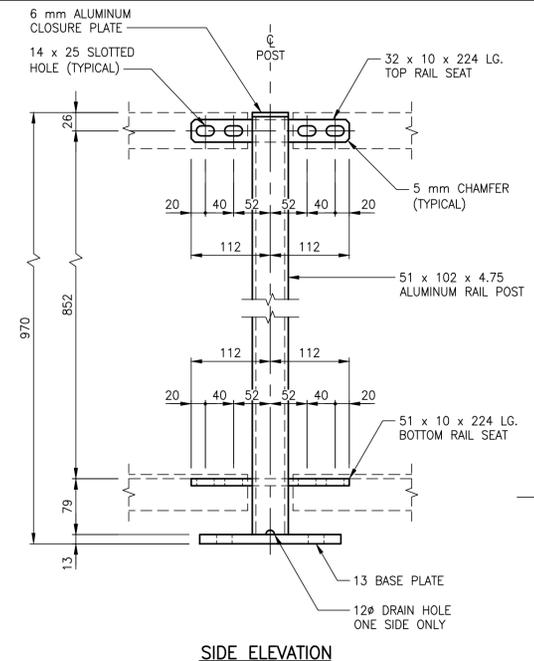


SIDE ELEVATION

END ELEVATION

**CORNER POST DETAILS**

SCALE 1:5

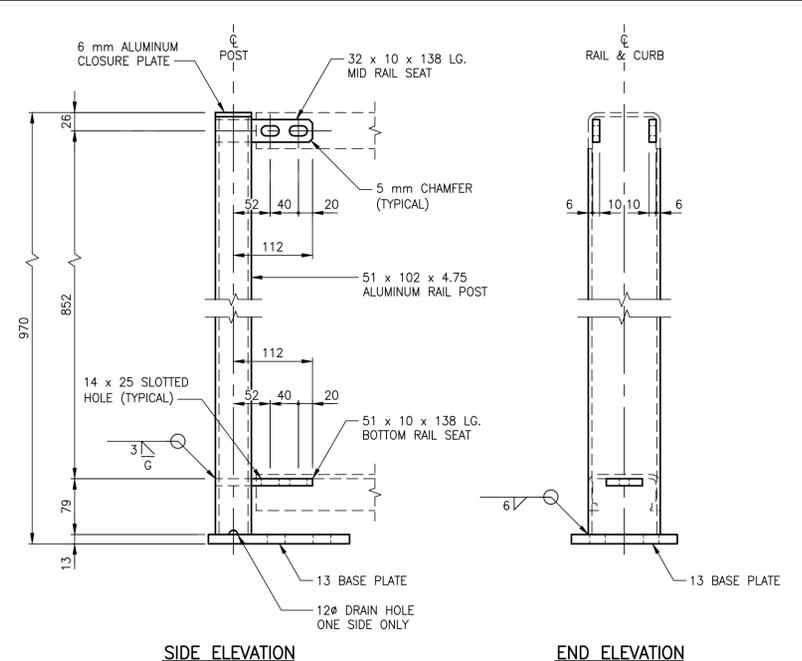


SIDE ELEVATION

END ELEVATION

**INTERMEDIATE POST DETAILS**

SCALE 1:5

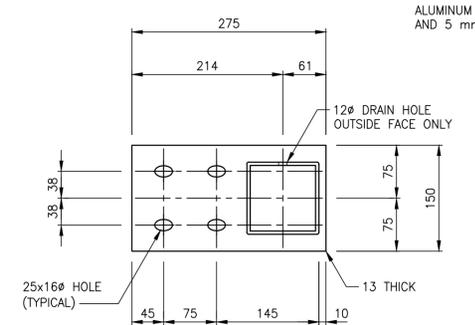


SIDE ELEVATION

END ELEVATION

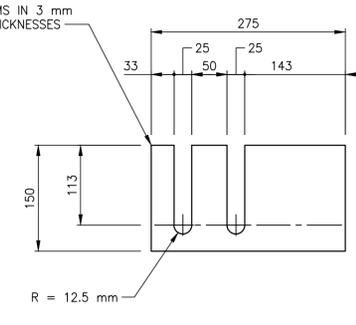
**END POST DETAILS**

(FABRICATE ONE END POST AS SHOWN, FABRICATE ONE END POST WITH DRAIN HOLE ON OPPOSITE SIDE)  
SCALE 1:5



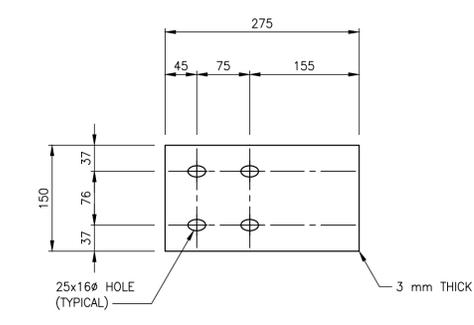
**CORNER POST BASE PLATE DETAIL**

SCALE 1:5



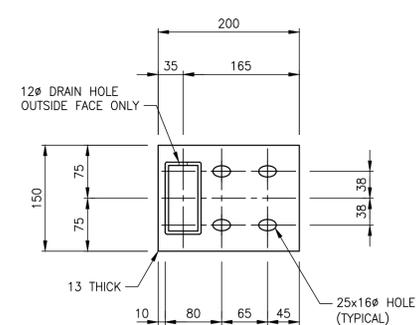
**CORNER POST SHIM PLATE DETAIL**

SCALE 1:5



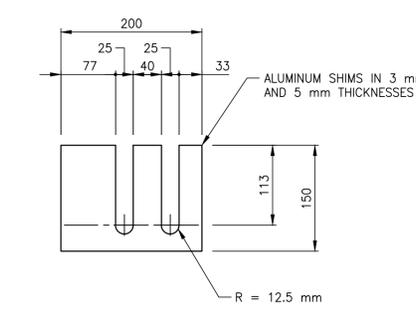
**CORNER POST NEOPRENE PAD DETAIL**

SCALE 1:5



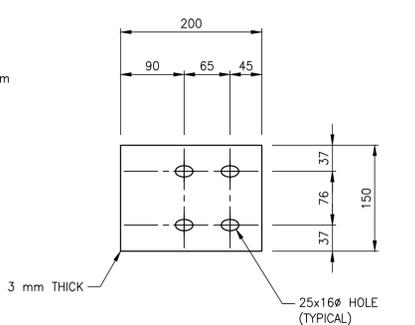
**END POST BASE PLATE DETAIL**

SCALE 1:5



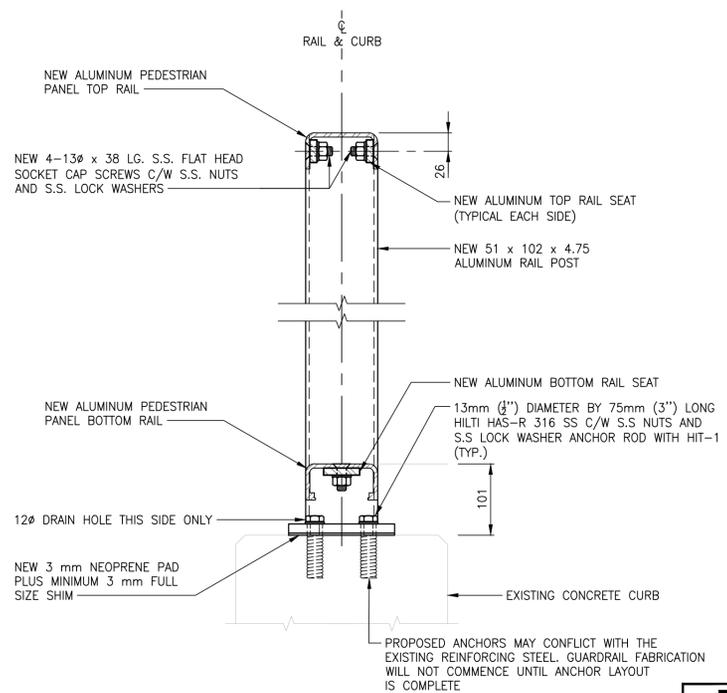
**END POST SHIM PLATE DETAIL**

SCALE 1:5



**END POST NEOPRENE PAD DETAIL**

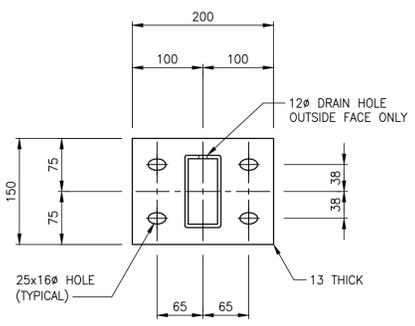
SCALE 1:5



**TYPICAL SECTION AT NEW RAIL POST**

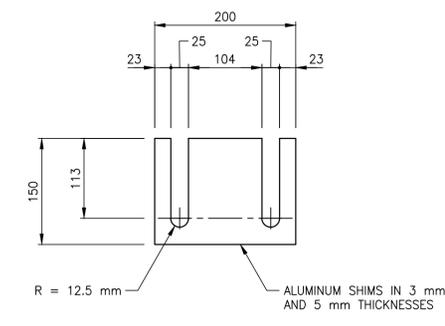
SCALE 1:5

PROPOSED ANCHORS MAY CONFLICT WITH THE EXISTING REINFORCING STEEL. GUARDRAIL FABRICATION WILL NOT COMMENCE UNTIL ANCHOR LAYOUT IS COMPLETE.



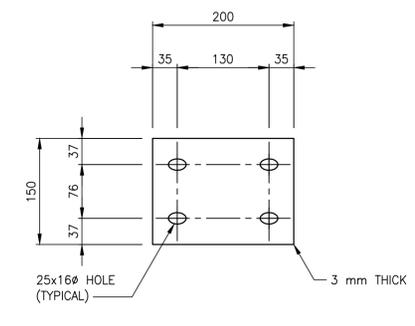
**INTERMEDIATE POST BASE PLATE DETAIL**

SCALE 1:5



**INTERMEDIATE POST SHIM PLATE DETAIL**

SCALE 1:5



**INTERMEDIATE POST NEOPRENE PAD DETAIL**

SCALE 1:5

NOTE: These design documents are prepared solely for the use by the party with whom the design professional has entered into a contract and there are no representations of any kind made by the design professional to any party with whom the design professional has not entered into a contract.

**ENGINEERS GEOSCIENTISTS MANITOBA**  
Certificate of Authorization  
**WSP Canada Group Limited**  
No. 6657

LOCATIONS APPROVED UNDERGROUND STRUCTURES			
SIGNED BY:	DATE	DATE	BY
SUPV U/G STRUCTURES			
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			
0	ISSUED FOR TENDER	20.05.22	JL
No.	REVISIONS	DATE	BY

		WSP Canada Group Limited 93 Lombard Avenue, Suite 111 Winnipeg MB R3B 3B1 T+ 1 204-943-3178 F+ 1 204-943-4948 www.wsp.com	
		DESIGNED BY	MM
DRAWN BY	BP	APPROVED BY	JL
HOR. SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERTICAL	AS SHOWN	DATE	20.05.22

ENGINEER'S SEAL	
CONSULTANT PROJECT No.	20M-00233-00

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

**FERMOR AVENUE PEDESTRIAN UNDERPASS NEAR ST. MARY'S ROAD - MAINTENANCE WORKS**

**GUARDRAIL DETAILS (SHEET 2 OF 2)**

CITY DRAWING NUMBER	U218-20-06
BID OPPORTUNITY NUMBER	372-2020
SHEET	6 OF 7
REV	0

METRIC  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES