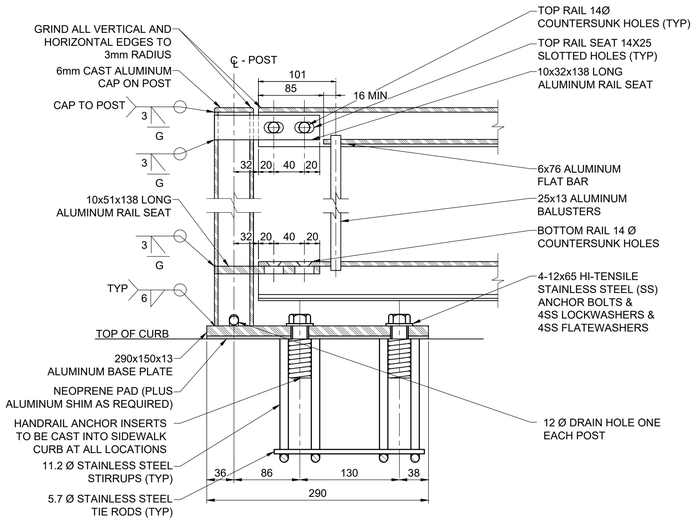
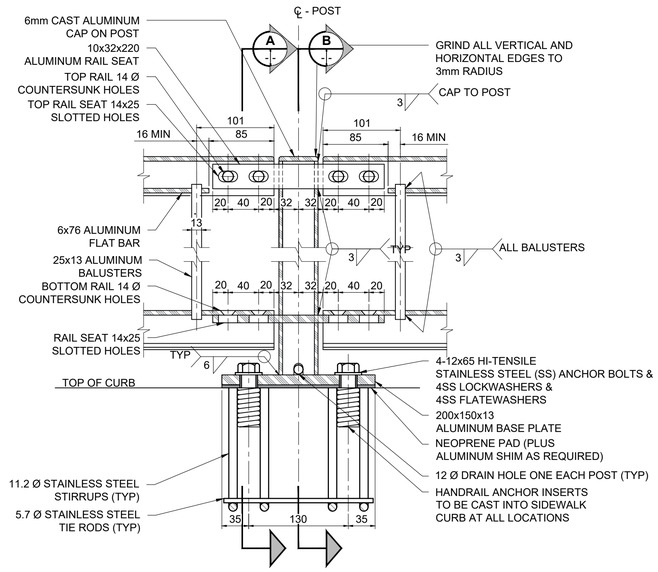
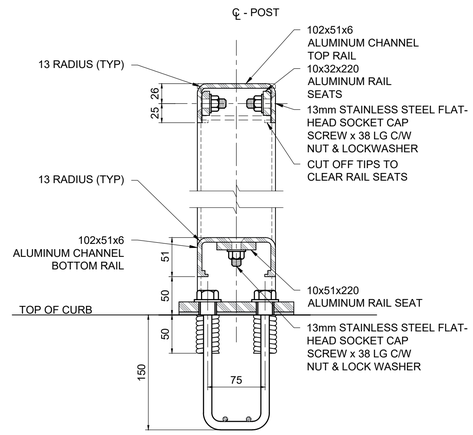
ISO A1 - 594mm x 841mm



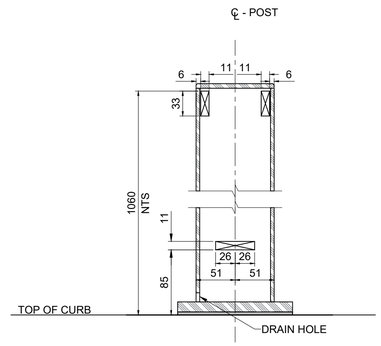
1 131 134 **DETAIL**
END POST - Mk. P5 & P23
SCALE: 1:4



2 129 134 **DETAIL**
INTERMEDIATE POST - Mk. P3
SCALE: 1:4



A **SECTION**
HANDRAIL POST
SCALE: 1:4



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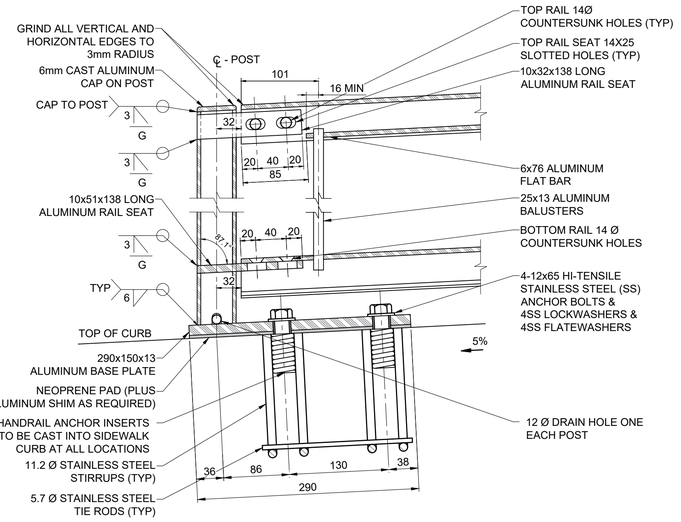
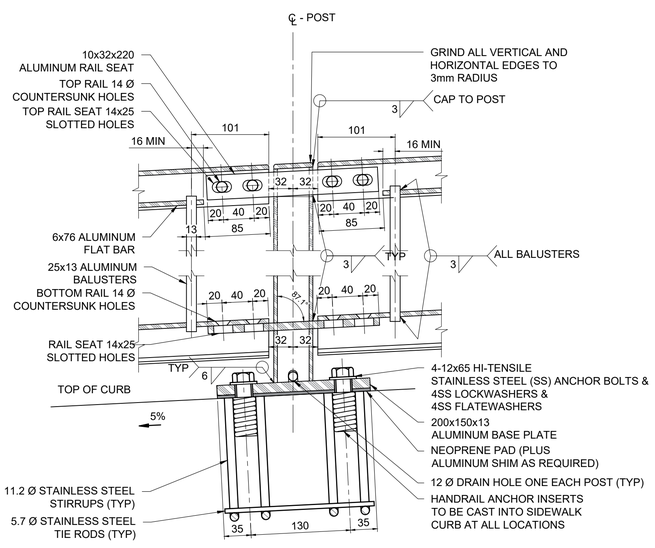
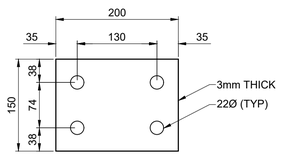
HANDRAIL POST
SCALE: 1:4



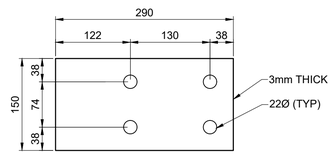
3 130 134 **DETAIL**
END POST - Mk. P1
SCALE: 1:4



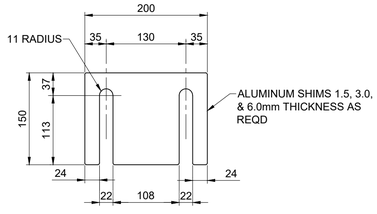
4 129 134 **DETAIL**
INTERMEDIATE POST - Mk. P2
SCALE: 1:4



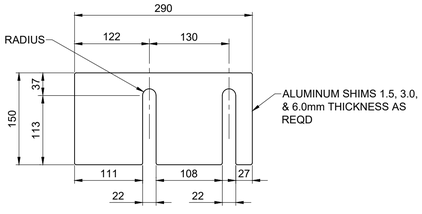
INTERMEDIATE NEOPRENE PAD
SCALE 1:5



END NEOPRENE PAD
SCALE 1:5



INTERMEDIATE SHIM
SCALE 1:5



END SHIM
SCALE 1:5

BID OPPORTUNITY No. 602-2018

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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.

BM ELEV

No.	REVISIONS	YY/MM/DD	BY
B	ISSUED FOR TENDER	18/09/04	BAP
A	ISSUED FOR 95% DESIGN REVIEW	18/08/07	BAP

MORRISON HERSHFIELD

DESIGNED BY	YM	CHECKED BY	BAP
DRAWN BY	ALP	APPROVED BY	BE
HOR SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERT SCALE	AS SHOWN	N/A	
DATE		DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
B.A.F. PHILLPS
Member
32723
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
W160034 - DD SR HANDRAIL.DWG

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

EMPRESS STREET PROJECT
PEDESTRIAN ACCESSIBILITY RAMPS
SOUTH RAMP
PEDESTRIAN HANDRAIL DETAILS 6

CITY DRAWING NUMBER: P-3494-134
SHEET: 134 OF 168
DRAWING No.: 134
REV: B

O:\Winnipeg\Proj\W160034 Design\1 Drawings\06 Sheets\Detailed Design\Structural\W160034 - DD SR HANDRAIL.dwg Last Saved: 9/6/2018 8:32 PM by TNeirinck Plotted: 9/6/2018 9:31 PM by Alex Heppner