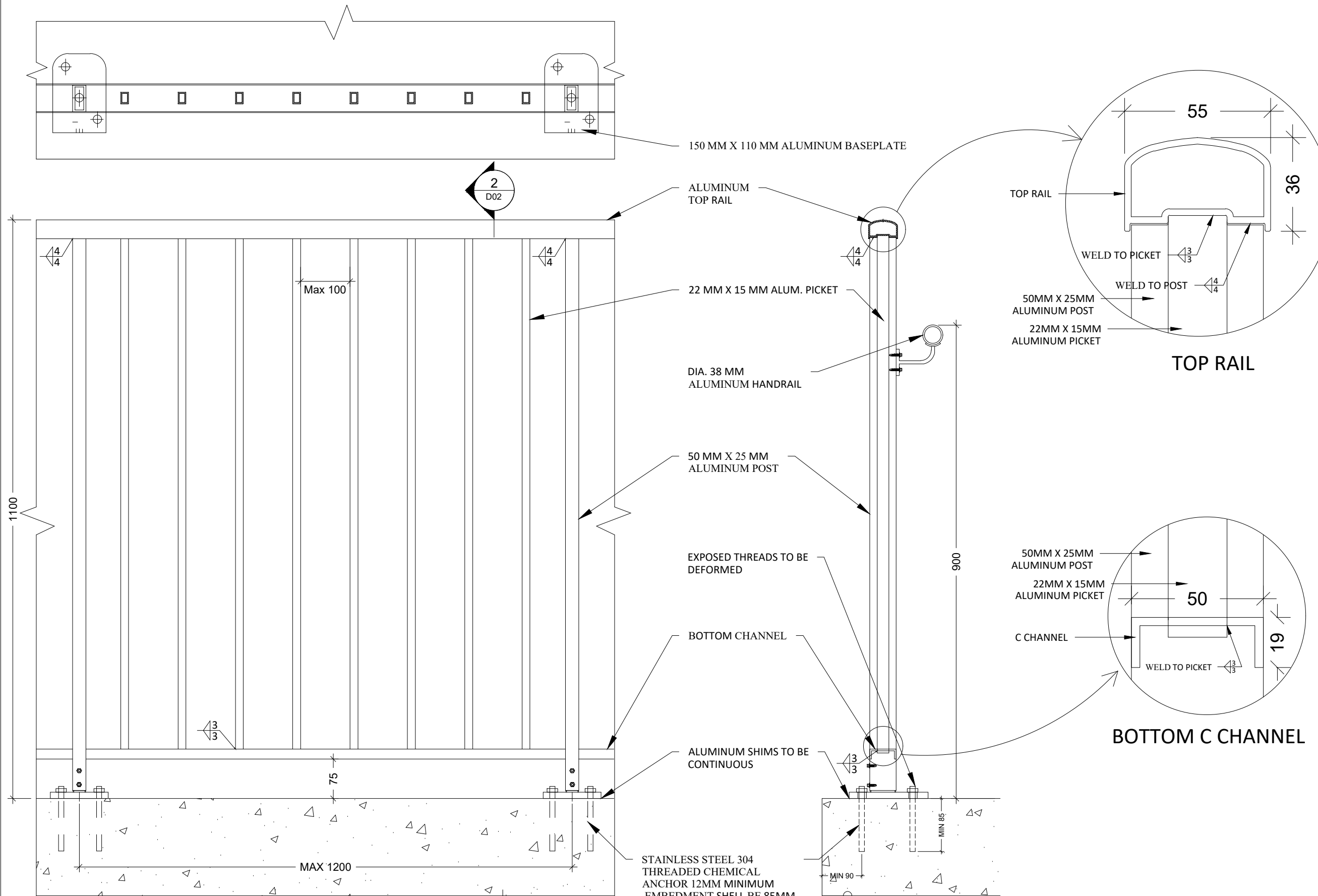


# ALUGARD

<b>SYSTEM DESCRIPTION</b>	Fully welded aluminum system
<b>ALUMINUM ALLOY</b>	6061-T5, 6061-T6
<b>WELDING ALLOY</b>	5256
<b>WELDING STANDARDS</b>	Welding to CSA W47.2
<b>INSTALLATION HARDWARE</b>	Concrete: 12mm, 304 stainless steel threaded rod, chemically bonded. Masonry: 10mm wedge anchors Aluminum: #12 self tapping teks screws
<b>ANCHORE ADHESIVE</b>	Hilty HY-200,
<b>TESTING</b>	CAN3-S157-M, ASTM E935 Standard test methods for performance of permanent metal railing systems and rails for buildings. ASTM E894 Standard test method for anchorage of permanent metal railing systems and rails for buildings
<b>FINISHES</b>	Powder coating to AAMA 2604, 10 years warranty Acrynar by PPG Optional: Axalta powder coating to meet AAMA 2605, 15 years warranty Durarar XL to meet AAMA 2605, 15 years warranty.
<b>APPLICABLE STANDARDS</b>	ONTARIO BUILDING CODE 2012 EDITION CSA A500-16 Building guards SUPPLEMENTARY STANDARDS SB-13 Glass in guards dated june 2, 2012 CAN2-12.1. Glass, safety, tempered or laminated. DIN EN 14179 - 1 SEP 2005 - Heat soaked thermally toughened soda lime silicate safety glass ASTM A307, Standard specification for carbon steel bolts and studs, 60 000 psi tensile strength. CAN/CSA-S157-05 (R2010) Strength design in aluminum CSA W59.2-M1991(R2008) Welded aluminum construction CSA W47.2-II Certification of companies for fusion welding of aluminum



**1**  
D02  
**TYPICAL GUARDRAIL SECTION**  
SCALE: NTS

**2**  
D02  
**RAILING SECTION DETAIL**  
SCALE: NTS

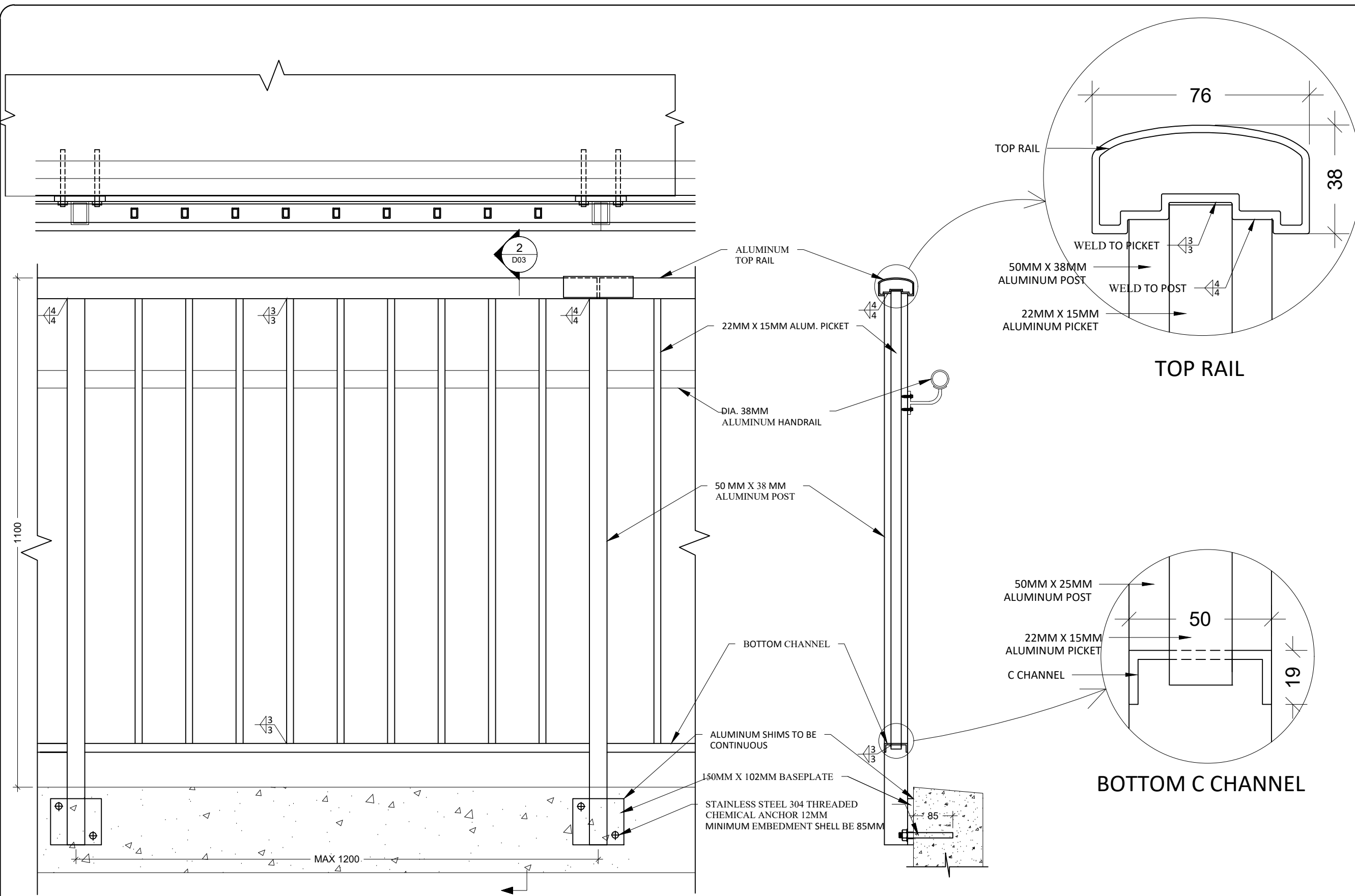
03		
02		
01		
No.	Revision/Issue	Date

Project Name and Address  
**BALCONY GUARDRAIL**

Drawing Title  
**PICKET RAILING SECTION**

Drawn	R P	Project	20201
Date	15-05-2020	Sheet	D02
Scale	NTS		

General Notes



**1**  
D03 **TYPICAL GUARDRAIL SECTION**  
SCALE: NTS

**2**  
D03 **RAILING SECTION DETAIL**  
SCALE: NTS

03		
02		
01		
No.	Revision/Issue	Date

Project Name and Address  
**BALCONY GUARDRAIL**

Drawing Title  
**RAILING SECTION  
SIDE/FRONT MOUNT**

Drawn R P	Project 20201
Date 15-05-2020	Sheet <b>D03</b>
Scale NTS	