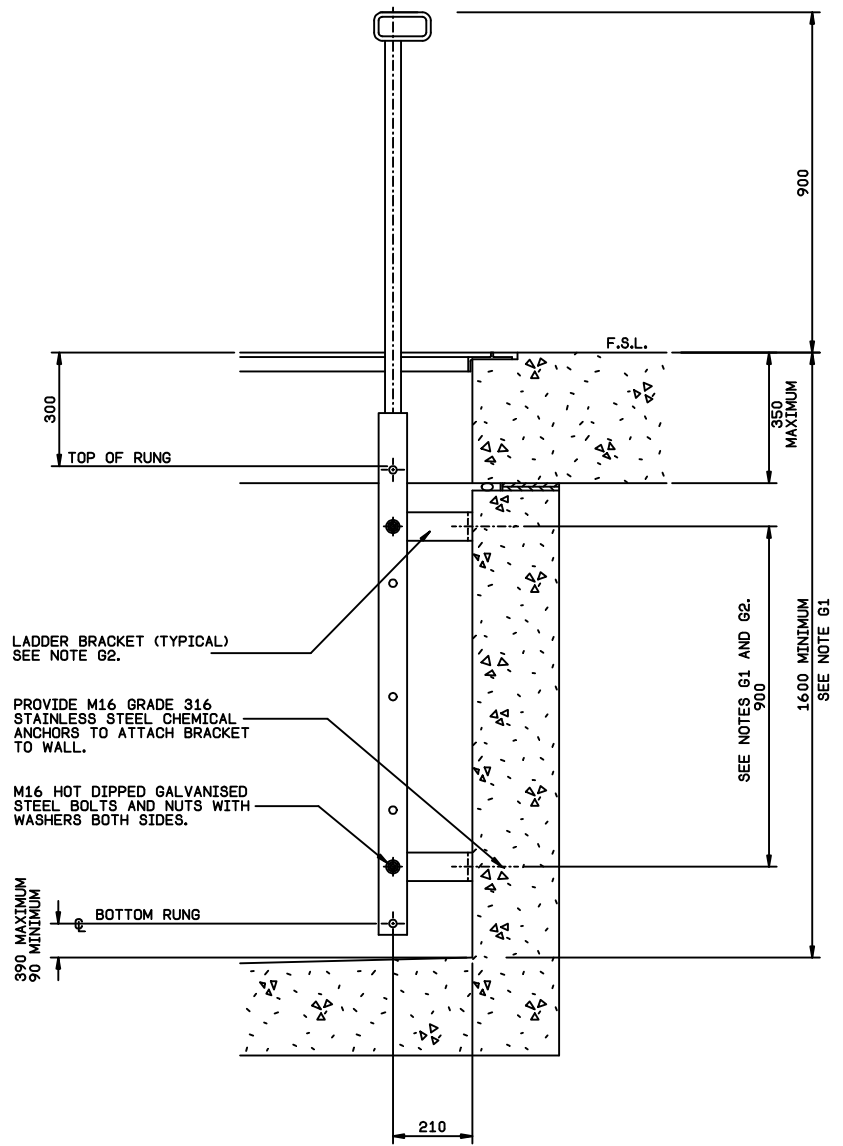


submit your markups to quu@redyedms.com

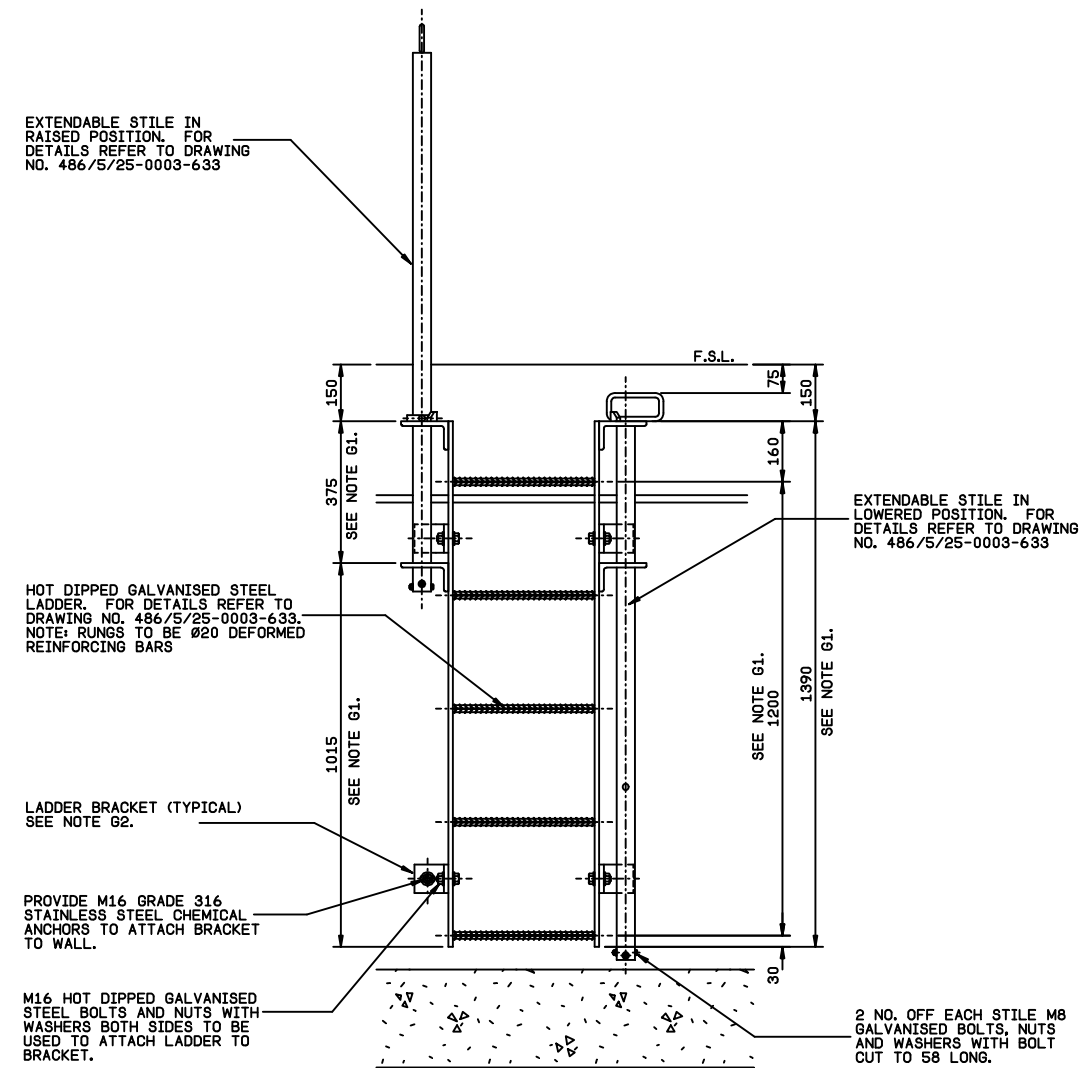
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- NOTES:
- GENERAL
- G1. THE LADDER SHOWN IN THIS DRAWING IS FOR A VALVE PIT AT THE MINIMUM OF 1600mm. IN DEEPER PITS THE LADDER IS TO BE DESIGNED TO THE PRINCIPLES SET OUT IN THIS DRAWING. THE LADDER IS TO BE EXTENDED IN INCREMENTS OF 300 AND THE LOWER STILE GUIDE BRACKET IS TO BE LOWERED SIMILARLY AND THE EXTENDABLE STILE LENGTHENED.
- G2. THE MAXIMUM DISTANCE BETWEEN LADDER BRACKETS IS TO BE 1500mm. IF DISTANCE EXCEEDS 1500mm THEN INTERMEDIATE BRACKETS ARE REQUIRED AND THE SPACING OF THESE BRACKETS ARE TO BE THE SAME AS THOSE SET OUT IN DRAWING NO. 486/5/25-0003-631.
- G3. THE STAINLESS STEEL CHEMICAL ANCHOR BOLTS ARE TO BE ASSEMBLED WITH ANTI-GALLING COMPOUND "DURALAC" OR QUEENSLAND URBAN UTILITIES APPROVED EQUIVALENT.
- G4. FOR DETAILS OF LADDER COMPONENTS REFER TO DRAWING NO. 486/5/25-0003-633.
- GALVANISING
- GA1. HOT DIPPED GALVANISING IS TO COMPLY WITH AS 4680.
- GA2. THE AVERAGE COATING MASS MINIMUM SHALL BE 600 g/m². THE AVERAGE COATING THICKNESS MINIMUM SHALL BE 85 µm.
- GA3. UNCOATED STEEL AREAS ARE NOT PERMITTED.



SECTIONAL SIDE VIEW



FRONT VIEW

INSTALLATION OF VALVE PIT LADDER
SEE NOTE G1
NOT TO SCALE

MATERIAL: MILD STEEL HOT DIPPED GALVANISED AFTER FABRICATION

THIS DRAWING SETS OUT THE GENERAL REQUIREMENTS FOR A STANDARD SEWERAGE PUMPING STATION. THE PROJECT SPECIFIC DESIGNING ENGINEER IS RESPONSIBLE FOR ENSURING ALL LEGISLATION AND OBLIGATIONS ARE FOLLOWED AND THE DESIGN MEETS THE FUNCTIONAL REQUIREMENTS SET OUT BY QUEENSLAND URBAN UTILITIES. ANY VARIATIONS FROM THE REQUIREMENTS SHOWN ON THIS DRAWING WILL REQUIRE QUEENSLAND URBAN UTILITIES APPROVAL.		ORIGINAL SIGNED I. G. BRUMBY 19/2/09 DESIGN RPEQ No. DATE	ORIGINAL SIGNED K. VAHEESAN 24/2/09 MANAGER ENGINEERING SERVICES DATE		PROJECT STANDARD DRAWING SUBMERSIBLE SEWERAGE PUMPING STATION	TITLE LADDER FOR VALVE PIT LADDER INSTALLATION	SHEET No. 1 OF 2 SHEETS QUEENSLAND URBAN UTILITIES DWG. N° 486/5/25-0003-632	AMEND. A
NO. DATE	AMENDMENT	DESIGN CHECK RPEQ No. DATE	MANAGER INFRASTRUCTURE PLANNING & SERVICES DATE					
A	2/12/10 UPDATED TO QUU REQUIREMENTS	I.G.B. ORIG. C.J.E.	ORIGINAL SIGNED C. J. EATON 6511 23/2/09	ORIGINAL SIGNED A. KRUMINS 23/2/09				