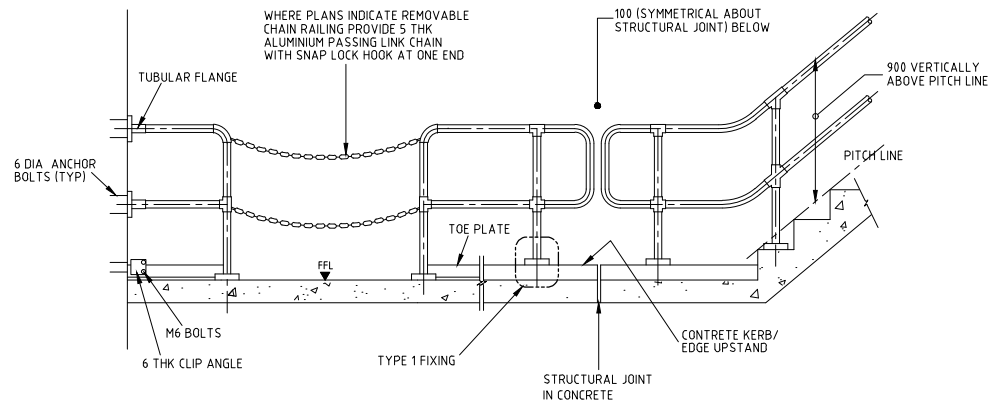


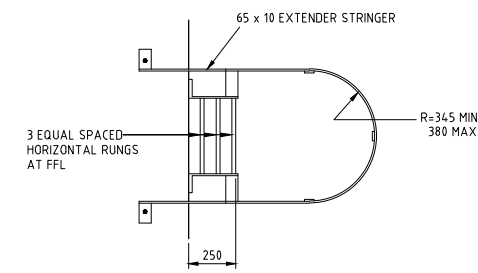
EITHER A OR B TO BE NOT MORE THAN 300
C NOT MORE THAN 1500

POSITIONS OF STANDARDS AT BENDS

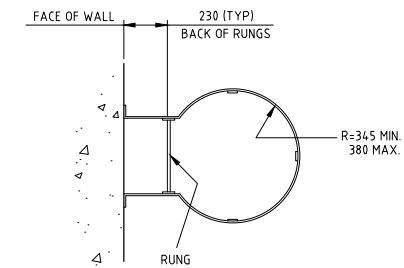
PLAN OF HANDRAIL RETURN



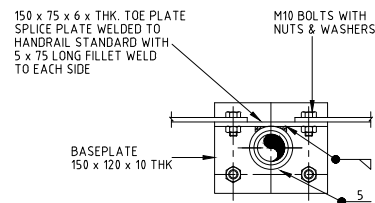
HANDRAILING DETAILS SCALE N.T.S.



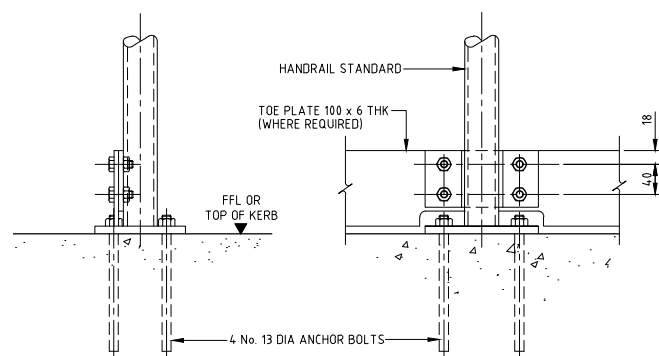
SECTION A-A



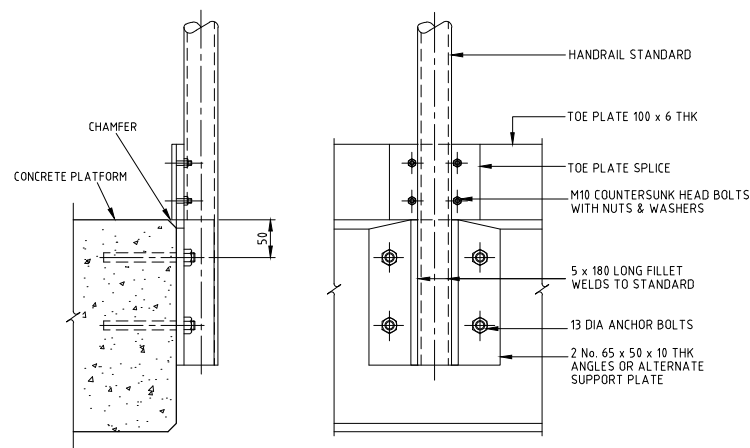
SECTION B-B



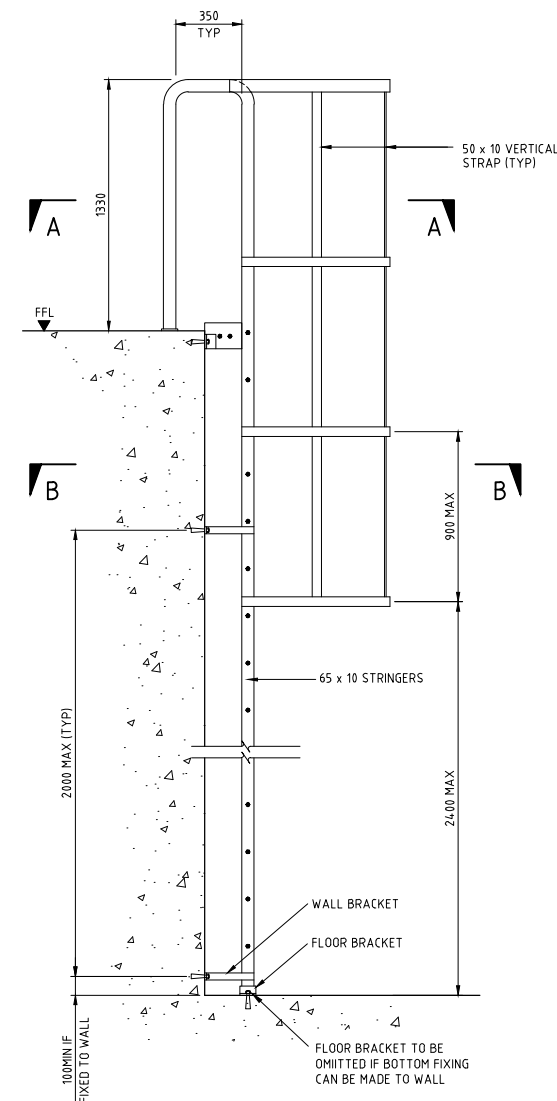
PLAN



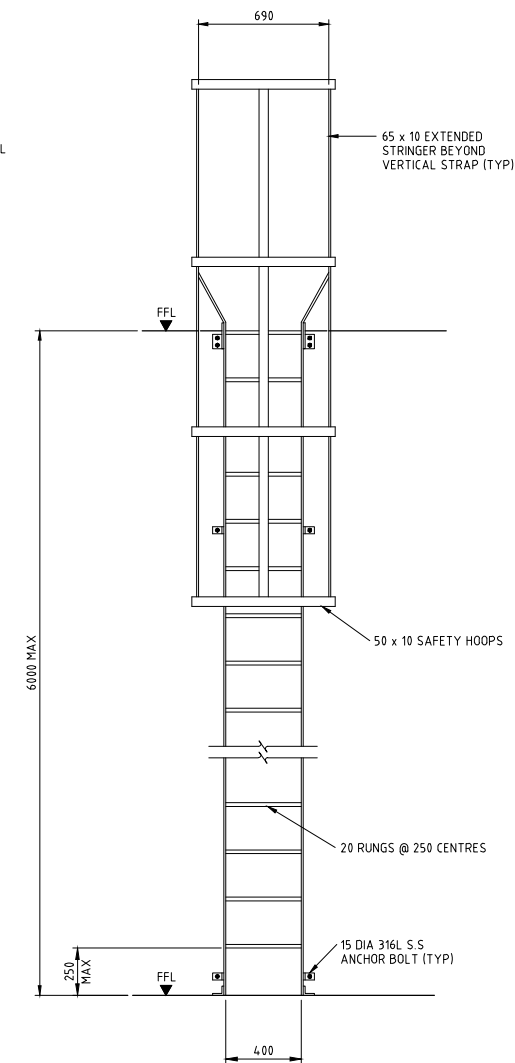
HANDRAIL STANDARD FIXING DETAIL - TYPE 1 SCALE 1:5



HANDRAIL STANDARD FIXING DETAIL - TYPE 2 SCALE 1:5



LADDER DETAILS WITH SAFETY CAGE SCALE 1:20



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
2. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT Q.C.S. UNLESS OTHERWISE AGREED WITH THE ENGINEER.
3. ALL HANDRAILING SHALL BE FIELD MEASURED BEFORE FABRICATION. NO FIELD CUTTING OR WELDING WILL BE PERMITTED. RAILING WHICH DOES NOT FIT A MOUNTING PREVIOUSLY SET IN CONCRETE WILL BE REJECTED.
4. TYPICAL FABRICATIONS SHALL BE GALVANIZED EXCEPT AT STAIR RUNS AND WHERE THERE IS A KERB. HANDRAILS, LADDERS AND SAFETY CAGE LOCATED IN SEWAGE ENVIRONMENT TO BE STAINLESS STEEL.
5. TOE PLATE IS REQUIRED AT ALL HANDRAIL LOCATIONS.
6. ALTERNATE METHODS OF TOE PLATE ATTACHMENT TO STANDARDS MAY BE ACCEPTABLE IF APPROVED BY THE ENGINEER.
7. THE DESIGN OF STAIRS, LADDERS AND WALKWAYS SHALL BE TO BS5395 PART 3 1985 7. PLATFORM AND WALKWAY FLOOR LOADS SHALL BE FOR HEAVY DUTY AS DEFINED IN BS5395, CLAUSE 8.1, TABLE 3.

LEGEND:

FFL FINISHED FLOOR LEVEL

3	APR 19	ISSUED FOR USE	
2	01 MAR 19	REVALIDATED ISSUE	
1	30 JUL 15	ISSUED FOR USE	
0	15 SEP 13	ISSUED FOR USE	

Rev.	Date	Revision Details	Appd.
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هيئة الأشغال العامة
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PROJECTS AFFAIRS

QCS Section:
Section 8 - Drainage Works
Part 6 - Miscellaneous Metal Works

Drawing Title:

LADDER, WALKWAY, STAIRS & HANDRAILING DETAILS

Approved:	Sheet No: 1 OF 1
Date: APRIL 2019	Scale: AS SHOWN
Drawing Number: SD 8-6-101	Revision: 3