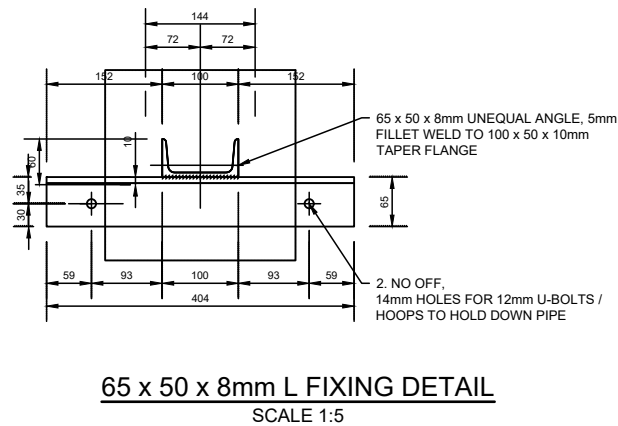
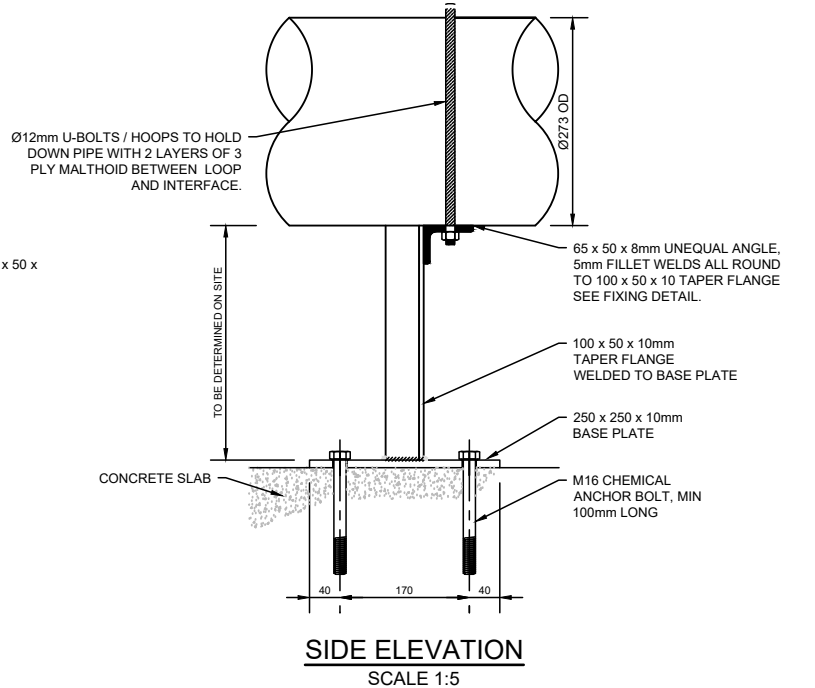
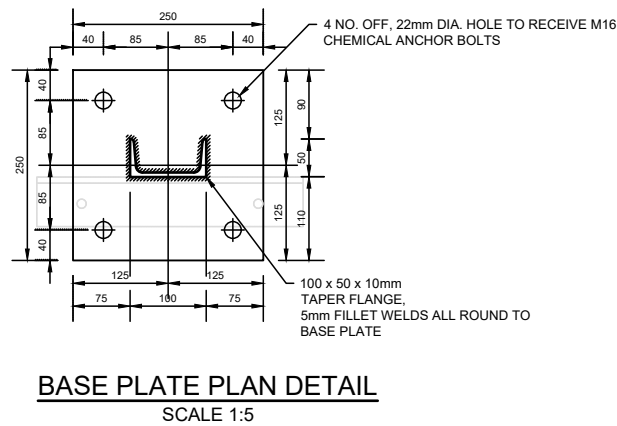
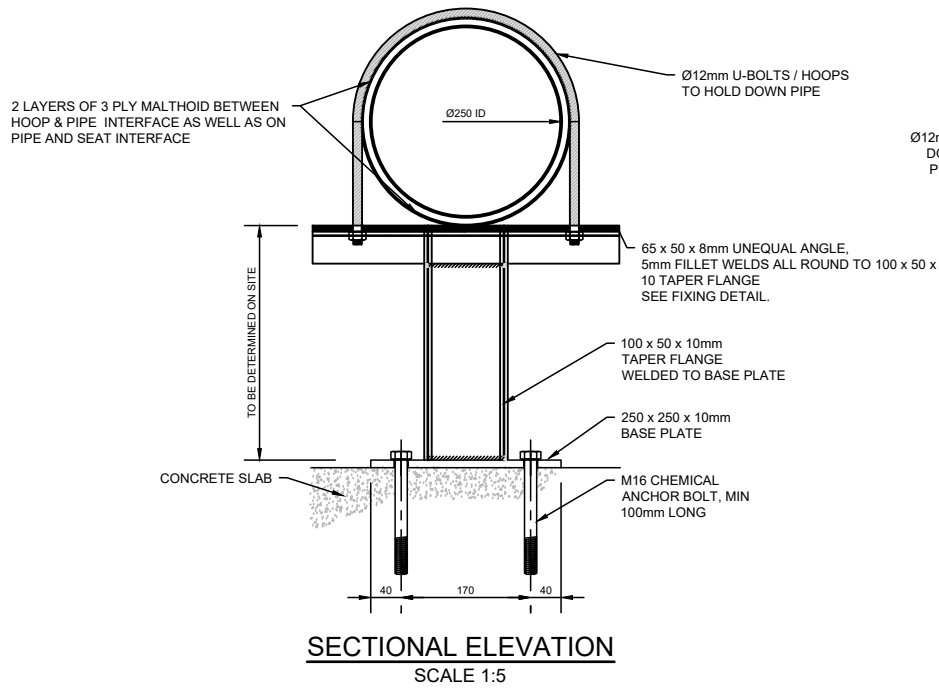
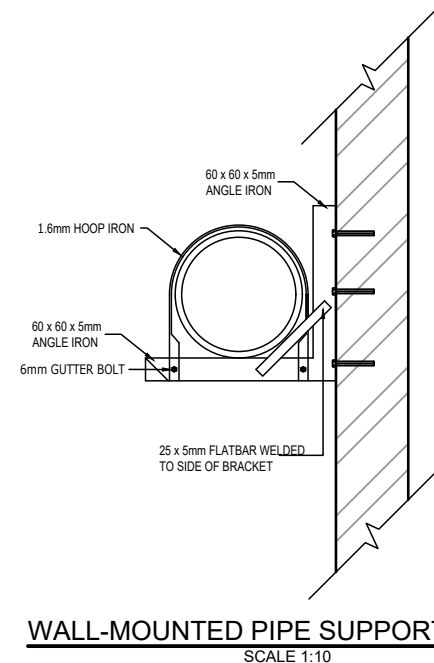




FLOOR-MOUNTED PIPE SUPPORT DETAIL



GENERAL STEEL NOTES :

- 1.1. STRUCTURAL MILD STEEL SHALL COMPLY WITH THE REQUIREMENTS OF SANS 1431:2005 GRADE 350W.
- 1.2. ALL FIXING BOLTS AND NUTS SHALL BE GRADE 8.8 TO SANS 1700 SET:1996
- 1.3. WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF BS 5135.

GALVANISED STEEL NOTES :

- 2.1. THE SURFACE PREPARATION AND CORROSION PROTECTION OF THE STRUCTURAL STEEL MEMBERS SHALL BE AS FOLLOWS:
 - 2.1.1. BY MANUFACTURER PRIOR TO DISPATCH TO THE WORKS
 - (a) DESIGN, FABRICATION AND INSPECTION SHALL COMPLY WITH THE RECOMMENDATIONS OF SANS 121:2000. NOTE THE APPENDIX DEALING WITH THE EFFECT OF CHEMICAL COMPOSITION OF STEEL.
 - (b) AFTER MANUFACTURE THE COMPLETE ASSEMBLY, INCLUDING FIXING BOLTS, SHALL BE HEAVY DUTY HOT-DIP GALVANIZED IN ACCORDANCE WITH SANS 121:2000 TO A ZINC COAT THICKNESS OF NOT LESS THAN 105 MICRONS.
 - (c) ALL BOLTS SHALL BE HOT-DIP GALVANISED.

SURFACE TREATMENT NOTES :

THE STRUCTURE IS TO BE PAINTED IN ACCORDANCE WITH THE CRITERIA FOR A GROUP 2 SURFACE AND PAINTED USING B3 PAINTING SYSTEM.

THE FINAL COLOUR OF THE STRUCTURE TO BE MEDIUM GREY (MUNSELL 5B 5/1).

GENERAL NOTES :

1. ALL BOLT, NUT AND WASHER SETS TO BE GALVANISED AS PER NOTE 2.1.1 (b).
2. POSITION OF SUPPORTS AS SHOWN ON DRAWING NO. DRAWING NO. 316WS-C.16.

"COPYRIGHT IS VESTED IN HN CONSULTING ENGINEERS IN TERMS OF THE COPYRIGHT ACT (ACT 98 OF 1978) AND NO USE OR REPRODUCTION OR DUPLICATION THEREOF MAY OCCUR WITHOUT THE WRITTEN CONSENT OF THE AUTHOR"

THIS DRAWING HAS BEEN PREPARED UNDER THE CONTROLS ESTABLISHED BY THE HN CONSULTING ENGINEERS QUALITY MANAGEMENT SYSTEM AND MEETS THE REQUIREMENTS OF THE SABS QUALITY GRADING SYSTEM THAT IS ISO 9001:2008 COMPLIANT

GENERAL NOTES

1. THIS DRAWING PROVIDES INFORMATION RELATED TO THE FORM OF THE WORK WHEN COMPLETED TOGETHER WITH GUIDANCE, WHERE FUNDAMENTAL TO THE DESIGN, FOR THE SEQUENCE OF CONSTRUCTION. THIS DRAWING DOES NOT PURPORT TO INCLUDE ANY NECESSARY PRECAUTIONS, ITEMS OR COMPONENTS REQUIRED FOR CONSTRUCTION SAFETY. ALL SUCH PRECAUTIONS MUST BE TAKEN AND ITEMS OR COMPONENTS SUPPLIED BY THE CONTRACTOR.
2. ANY DISCREPANCIES ARE TO BE CONFIRMED WITH THE ENGINEER ON SITE PRIOR TO WORK PROCEEDING.
3. ONLY WRITTEN DIMENSIONS SHALL BE USED.
4. ALL DIMENSIONS ARE IN mm.

REFERENCE DRAWINGS

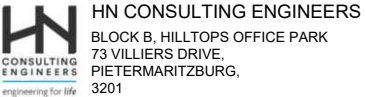
Issued For Tender	JSM	14/12/23	0
Revision Details	By	Date	Suffix

Main-Consultant



11 DERBY PLACE,
DERBY DOWNS OFFICE PARK
WESTVILLE, DURBAN
TEL : +27 31 701 1038
www.kufanikiwa.co.za

Sub-Consultant



HN CONSULTING ENGINEERS
BLOCK B, HILLTOPS OFFICE PARK
73 VILLIERS DRIVE,
PIETERMARITZBURG,
3201
TEL: 033 394 2352 FAX: 033 394 2356

Client



NKANGALA
DISTRICT
MUNICIPALITY

Project Title

WESTERN HIGHVELD WATER
TREATMENT WORKS

Drawing Title

FLOOR AND WALL-MOUNTED PIPE
SUPPORT DETAILS

Scale ON ORIGINAL PLAN

DRAWN

BY : AB DATE:

DESIGNED

BY : AB Pr No:

SIGNATURE : DATE :

CHECKED ON BEHALF OF HN CONSULTING ENGINEERS

BY : JSM Pr No:

SIGNATURE : DATE :

HN Drawing Number

325WS - C.08

Revision

0

FOR TENDER PURPOSES