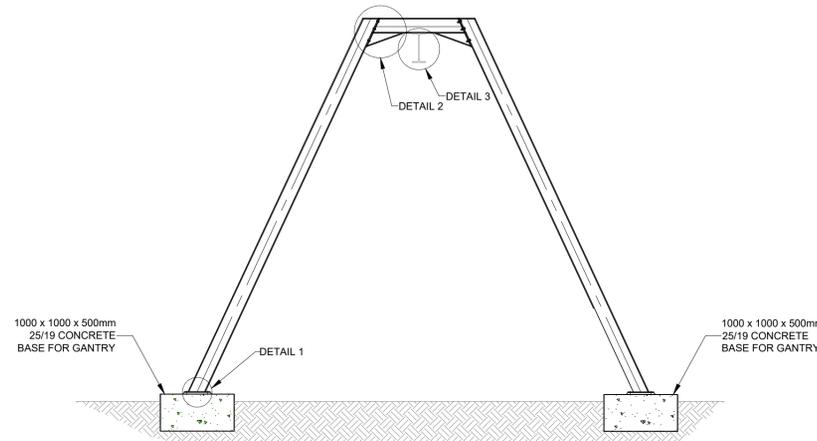
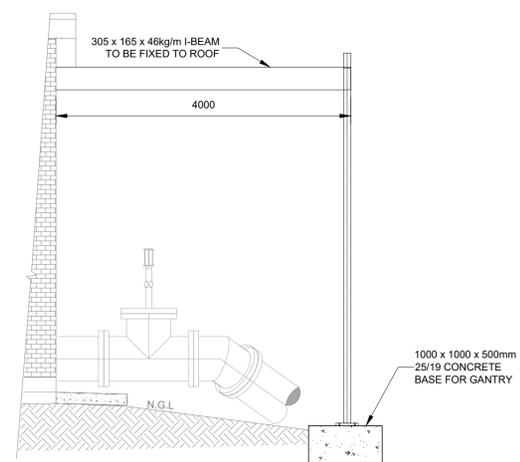


PLAN VIEW OF PUMP STATION: GANTRY BEAM
SCALE 1:50

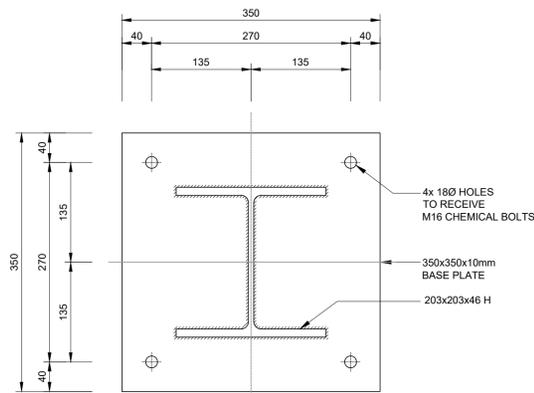


SECTION A-A
SCALE 1:50

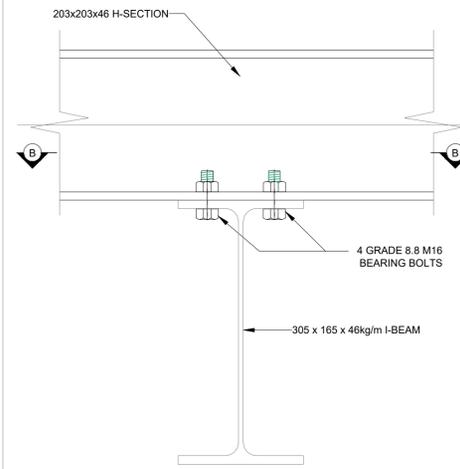


SIDE ELEVATION
SCALE 1:50

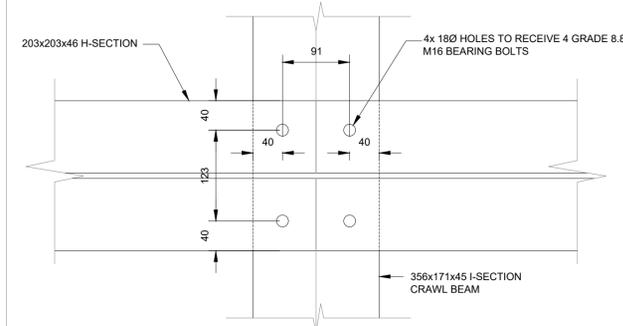
PUMP STATIONS: GANTRY DETAILS



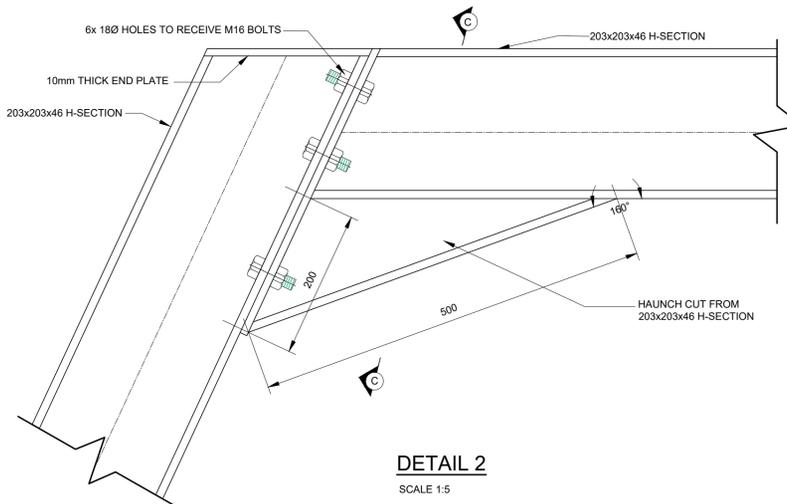
BASE PLATE DETAIL 1
SCALE 1:5



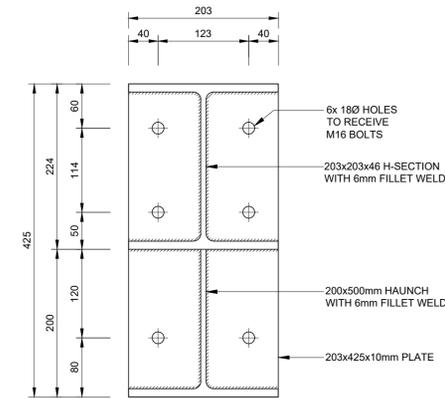
DETAIL 3
SCALE 1:5



SECTION B-B
SCALE 1:5



DETAIL 2
SCALE 1:5



SECTION C-C
SCALE 1:5

NOTES:

CONCRETE NOTES:

1. ALL WATER RETAINING CONCRETE TO BE CLASS 35/19 CONCRETE WITH A COVER OF 40mm.
 2. ALL OTHER CONCRETE TO BE CLASS 25/19 CONCRETE WITH A COVER OF 25mm.
 3. MASS CONCRETE TO BE 15/19.
 4. ALL SHARP EDGES AT CORNERS OF WALLS AND FLOORS TO BE 20 X 20 CHAMFER.
 5. 80mm NO. FINES (NF19) CONCRETE OR 50mm BLINDING LAYER TO BE PROVIDED (CLASS 15/19 CONCRETE) UNDERNEATH STRUCTURES AS INDICATED.
 6. FLOOR SURFACES EXPOSED TO WATER TO BE STEEL FLOAT FINISHED. WALKWAYS AND WALL TOPS TO BE WOOD FLOAT FINISHED.
- STRUCTURAL STEEL NOTES:**
1. HANDRAILS, LADDERS, STRUCTURAL STEELWORK, FASTENERS AND MANHOLE COVER AND FRAMES TO BE GALVANIZED.
 2. ALL STRUCTURAL STEELWORK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH SABS 1200H.
 3. WELDS SHALL CONFORM TO SABS 0167-1984 AND 044 SPECS.
 4. ALL DIMENSIONS SHALL BE CHECKED ON SITE BEFORE SHOP DRAWINGS COMMENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
 5. A FULL SET OF SHOP DRAWINGS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE ANY MANUFACTURING MAY COMMENCE.
 6. ALL STRUCTURAL STEELWORK SHALL BE GRADE 300W.
 7. ALL STRUCTURAL STEEL ON SITE SHALL BE STORED AND HANDLED SO THAT IT IS NOT SUBJECTED TO DAMAGE OR EXCESSIVE STRESS AND MUST BE KEPT CLEAN.

FOR TENDER PURPOSES

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RA	REVISED PROJECT DESCRIPTION	2022/06/09	P.M
Rev.	Description	Date	By
Her.	Beskrywing	Datum	Deur

AMENDMENTS/WYSIGING

SERVICE DIENS

STRUCTURE

DESIGNED/ONTWERP	J. LUCKHOFF
DRAWN/GETEKEN	I.NEL
CAD FILE NAME/CAD LEËR NAAM	N3110W7501RA.dwg
CHECKED/NAGESIEN	W.J. STRYDOM (jnr)
APPROVED/GOEDGEKEUR	W.J. STRYDOM (jnr)

ENDECON
UBUNTU (PTY) LTD
ENGINEERING CONSULTANTS
P.O. BOX 10345
NELSPRUIT
1200
Tel:(013) 755 1190
Fax:(013) 755 4904

CLIENT KLIENT



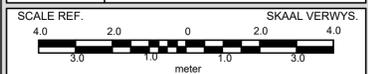
Nkangala District Municipality

PROJECT PROJEK

LOSKOP REGIONAL BULK WATER SUPPLY SCHEME: WORK PACKAGE 2

TITLE TITEL
PUMP STATION GANTRY TYPICAL DETAILS

DATE/DATUM **DECEMBER 2021**
SCALE/SKAAL **AS SHOWN**



CONSULTANT DWG. NO. **N/3110/W/7/501/RA** CONSULTANT TEK. NR.

CLIENT DWG. NO. CLIENT TEK. NO.