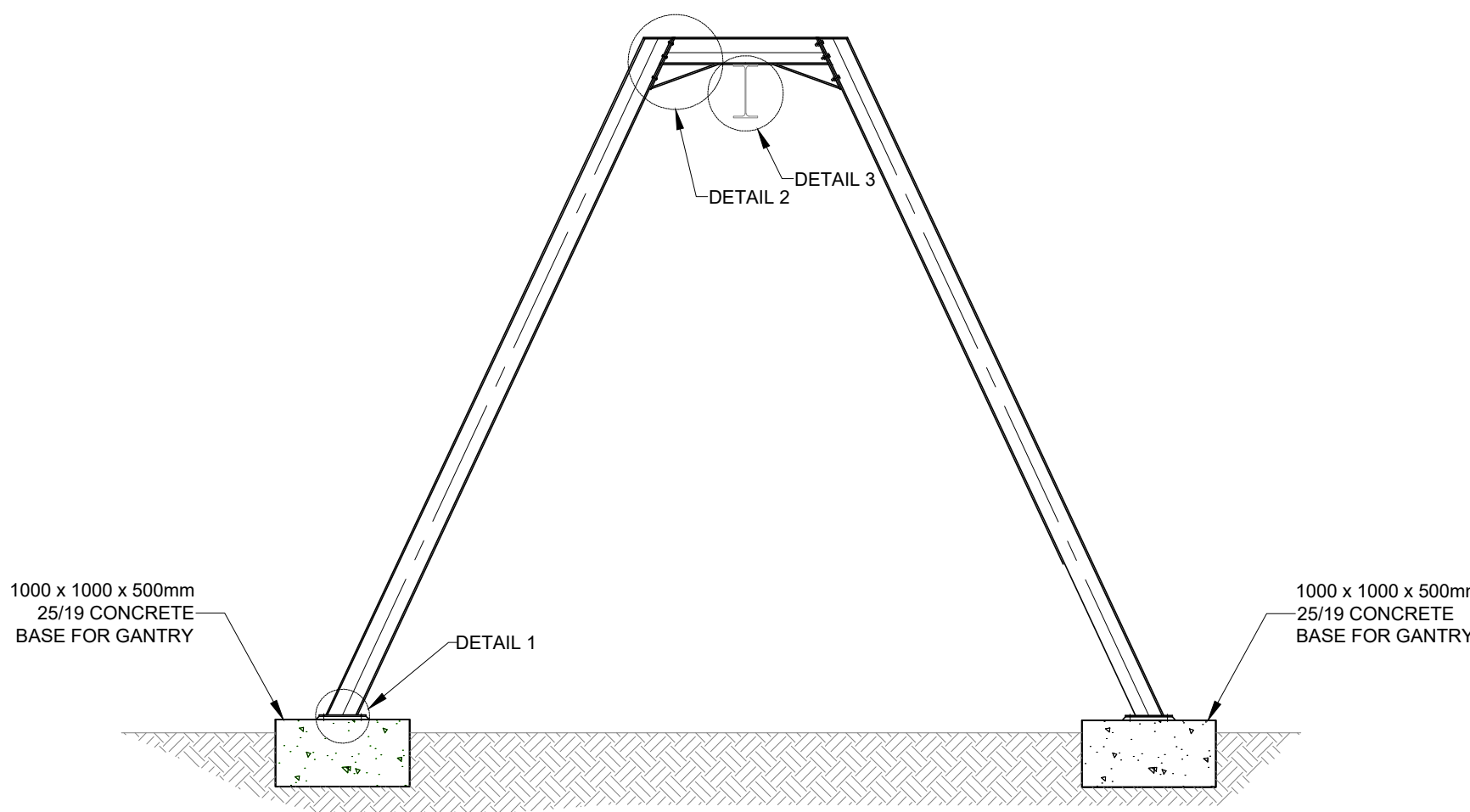
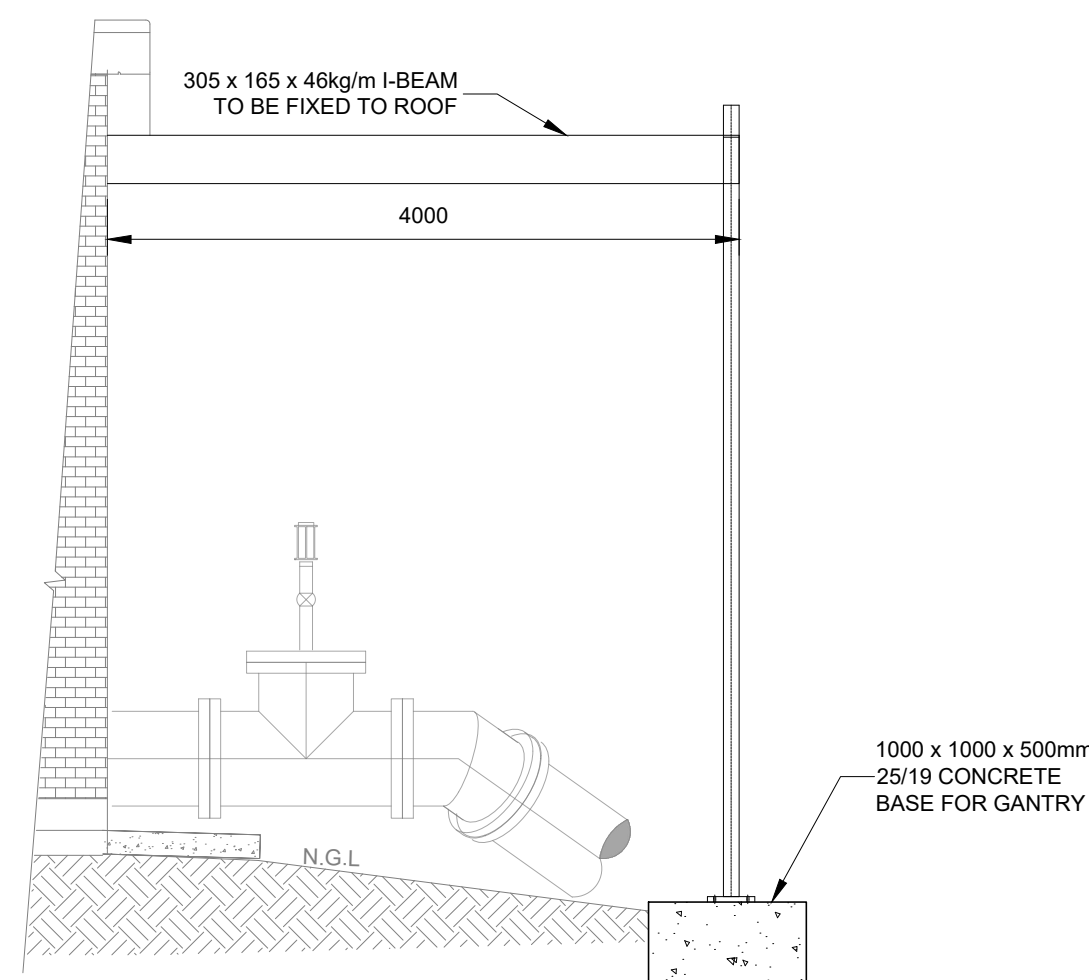


PLAN VIEW OF PUMP STATION: GANTRY BEAM
SCALE 1:50

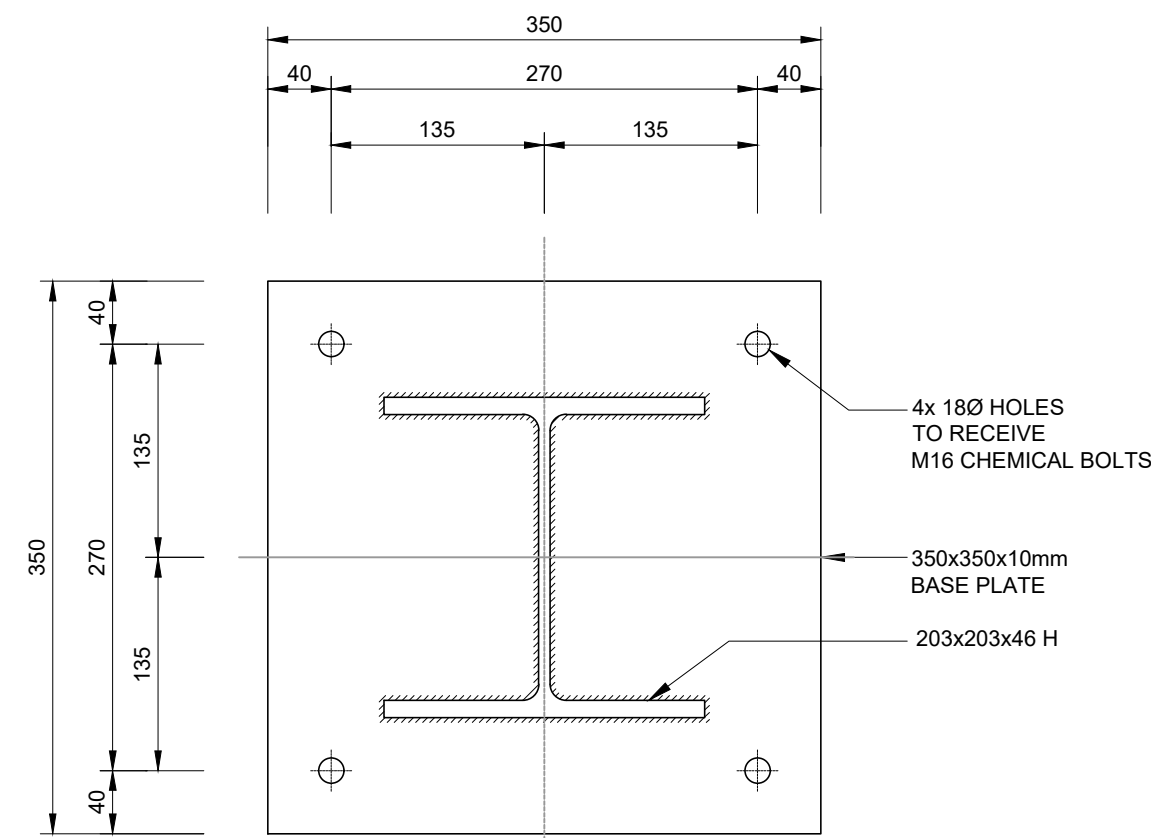


SECTION A-A
SCALE 1:50

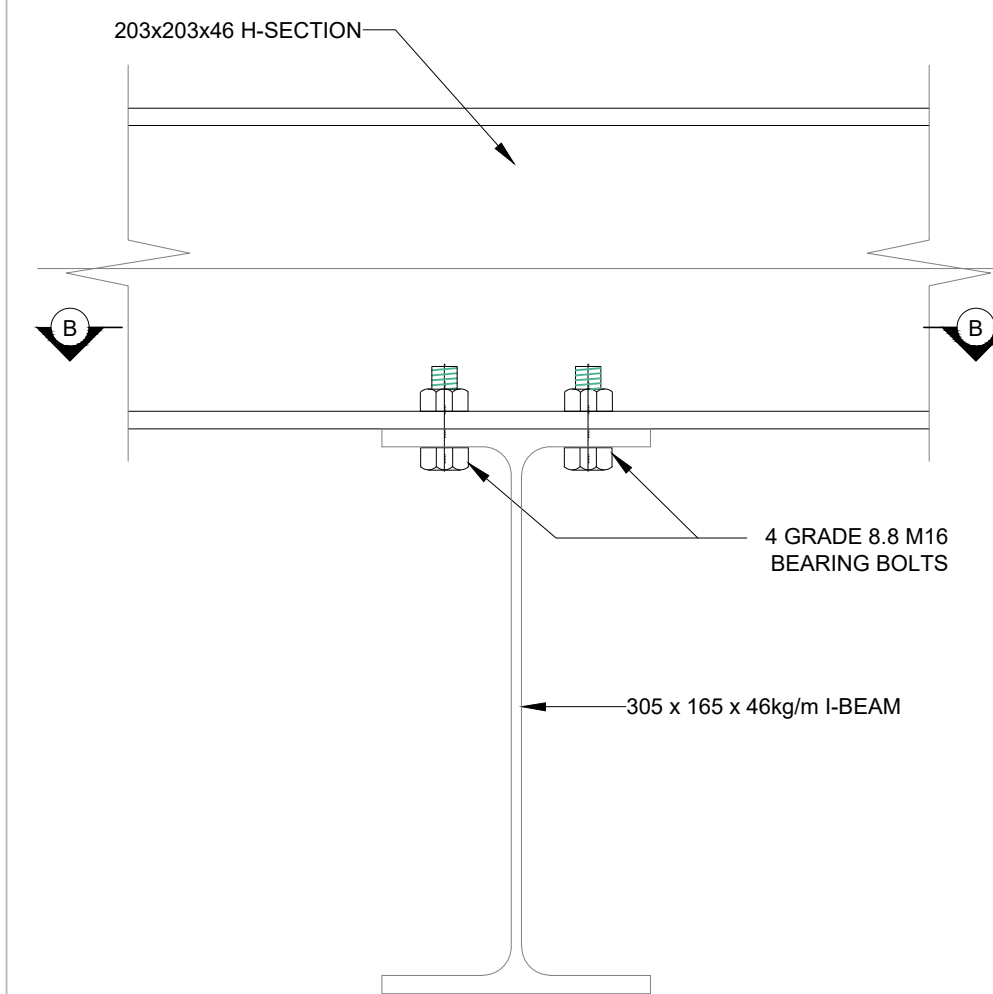


SIDE ELEVATION
SCALE 1:50

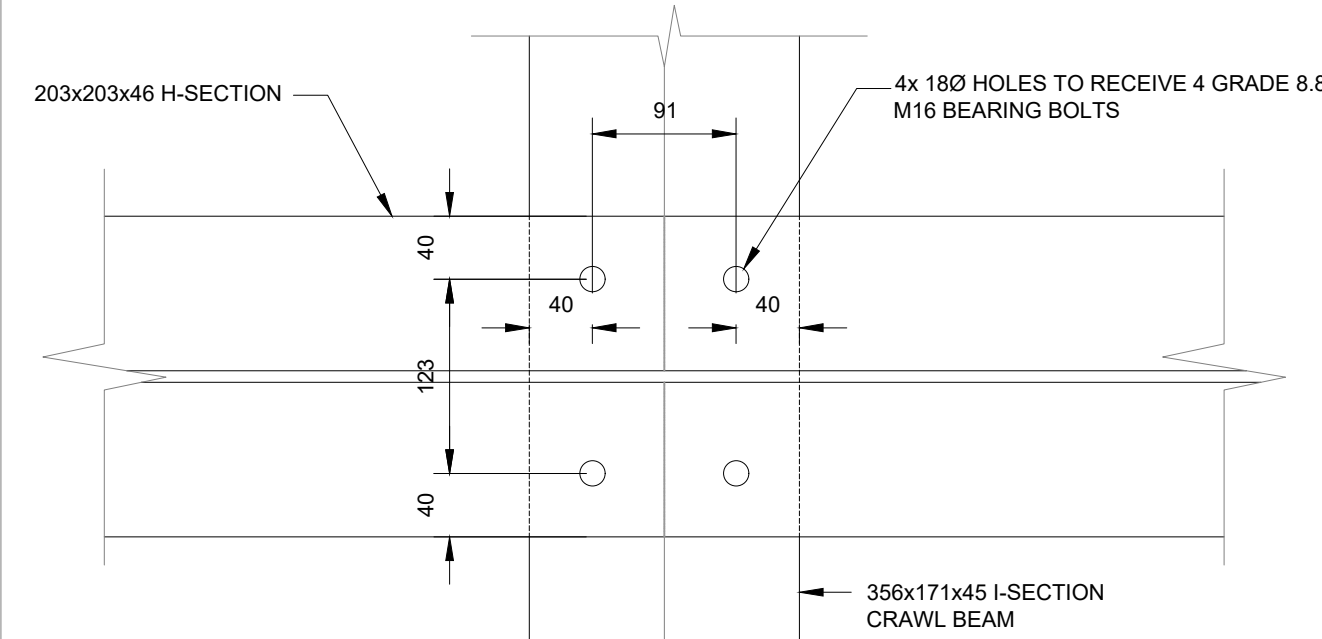
PUMP STATIONS: GANTRY DETAILS



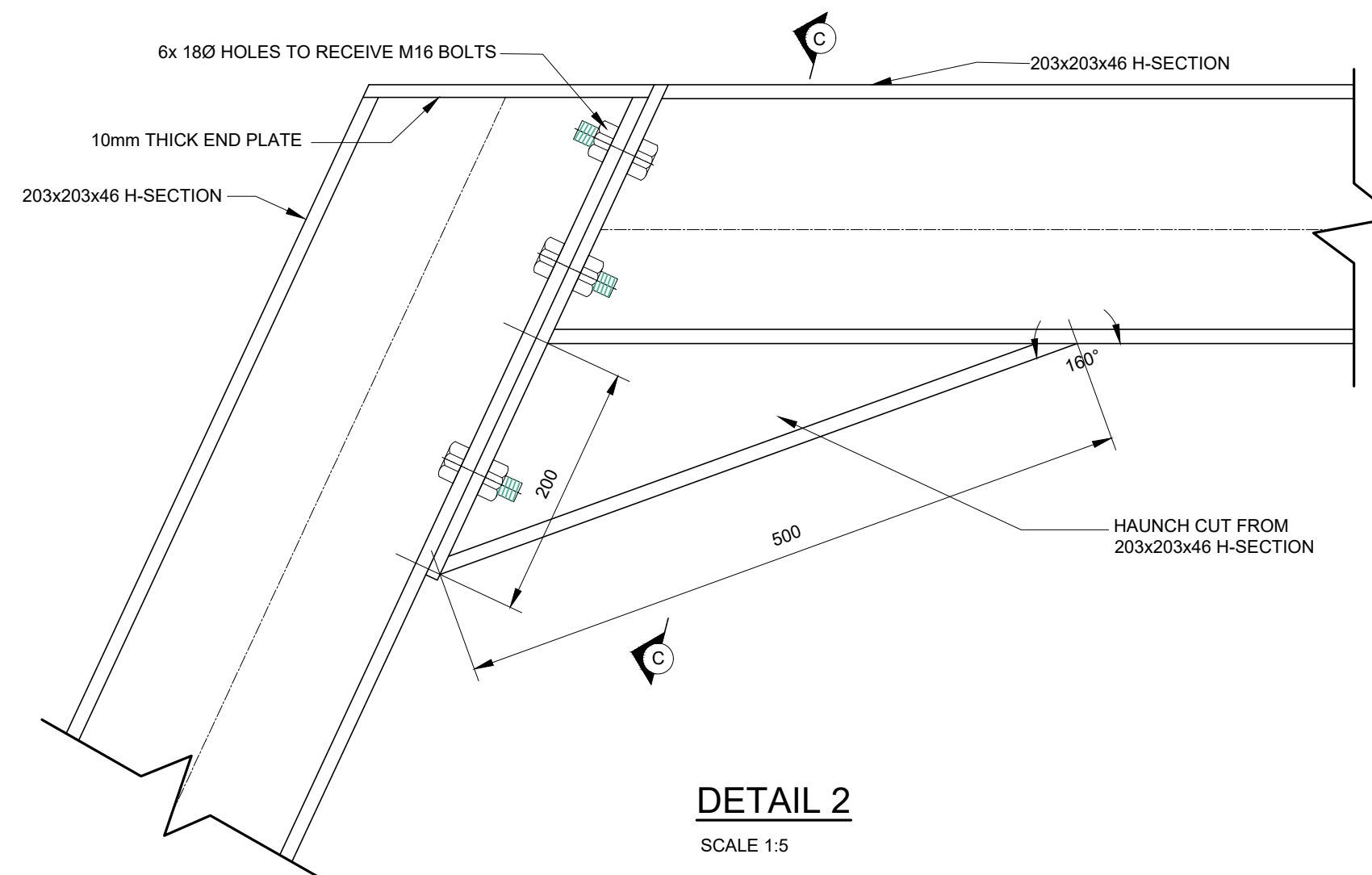
BASE PLATE DETAIL 1
SCALE 1:5



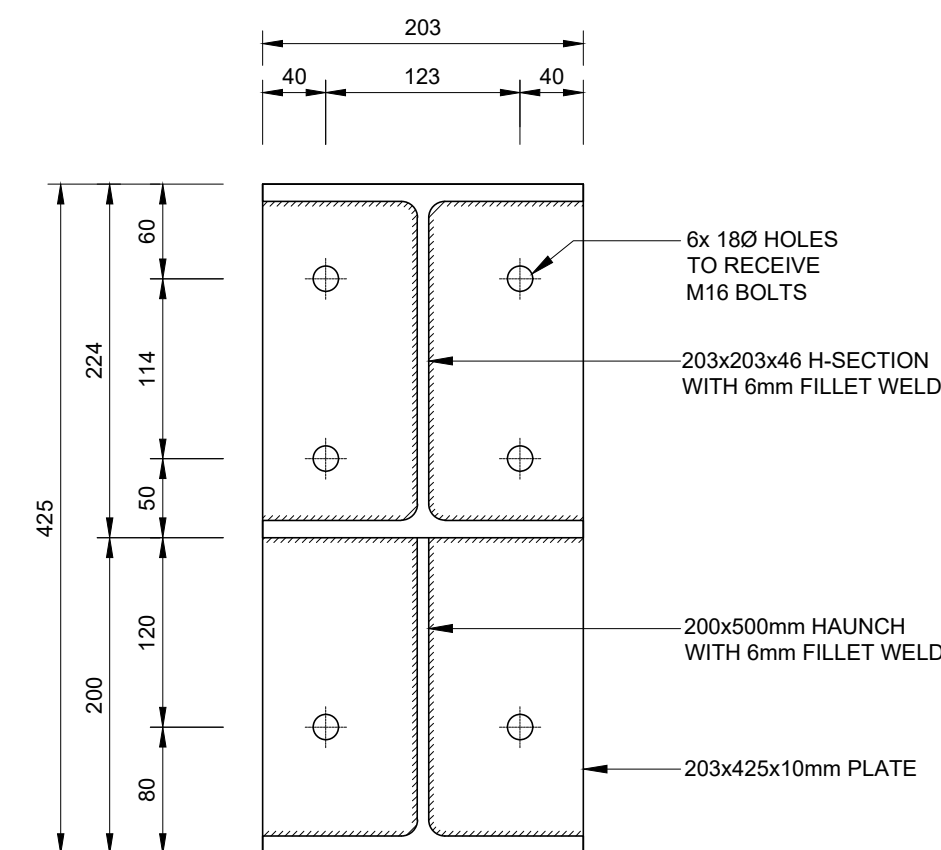
DETAIL 3
SCALE 1:5



SECTION B-B
SCALE 1:5



DETAIL 2
SCALE 1:5



SECTION C-C
SCALE 1:5

NOTES:

CONCRETE NOTES:

- ALL WATER RETAINING CONCRETE TO BE CLASS 35/19 CONCRETE WITH A COVER OF 40mm.
 - ALL OTHER CONCRETE TO BE CLASS 25/19 CONCRETE WITH A COVER OF 25mm.
 - MASS CONCRETE TO BE 15/19.
 - ALL SHARP EDGES AT CORNERS OF WALLS AND FLOORS TO BE 20 X 20 CHAMFER.
 - 80mm NO-FINES (NF19) CONCRETE OR 50mm BLINDING LAYER TO BE PROVIDED (CLASS 15/19 CONCRETE) UNDERNEATH STRUCTURES AS INDICATED.
 - FLOOR SURFACES EXPOSED TO WATER TO BE STEEL FLOAT FINISHED. WALKWAYS AND WALL TOPS TO BE WOOD FLOAT FINISHED.
- STRUCTURAL STEEL NOTES:**
- HANDRAILS, LADDERS, STRUCTURAL STEELWORK, FASTENERS AND MANHOLE COVER AND FRAMES TO BE GALVANIZED.
 - ALL STRUCTURAL STEELWORK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH SABS 1200H.
 - WELDS SHALL CONFORM TO SABS 0167-1984 AND 044 SPECS.
 - ALL DIMENSIONS SHALL BE CHECKED ON SITE BEFORE SHOP DRAWINGS COMMENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
 - A FULL SET OF SHOP DRAWINGS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE ANY MANUFACTURING MAY COMMENCE
 - ALL STRUCTURAL STEELWORK SHALL BE GRADE 300W.
 - 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. Her.	Description Beskrywing	Date Datum	By Deur
AMENDMENTS/WYSIGING			

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

PROJEC

**LOSKOP REGIONAL BULK
WATER SUPPLY SCHEME:
WORK PACKAGE 2**

TITLE

TITEL

**PUMP STATION GANTRY TYPICAL
DETAILS**

DATE/DATUM

DECEMBER 2021

SCALE/SKAAL

AS SHOWN

SCALE REF.

4.0

2.0

0

2.0

4.0

3.0

1.0

1.0

3.0

meter

SKAAL VERWYS.

CONSULTANT DWG. NO.

N/3110/W/7/501/RA

CONSULTANT TEK. NR.

CLIENT DWG. NO.

KLIENT TEK. NO.