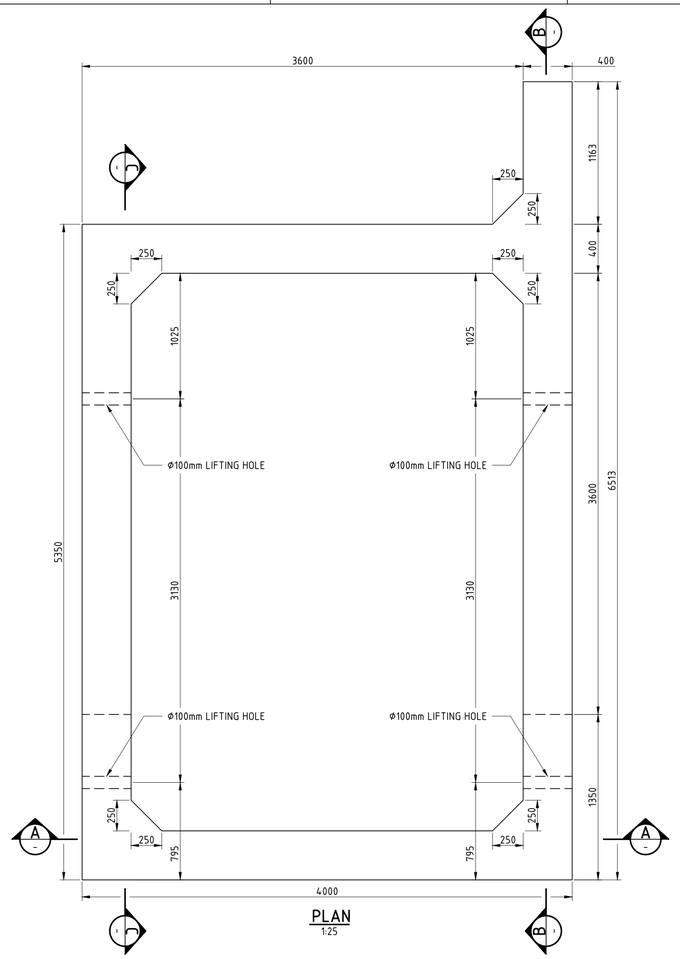
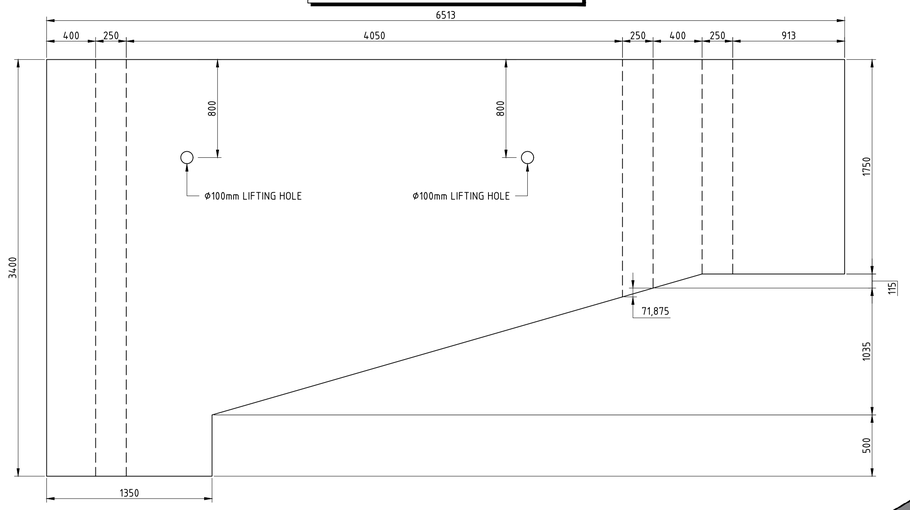
DO NOT SCALE - IF IN DOUBT, ASK



PLAN
1:25



SECTION B
1:25

NOTES

1. GENERAL
1.1 ALL DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORKS. ANY DISCREPENCIES TO BE REPORTED TO THE ENGINEER. DRAWINGS NOT TO BE SCALED. FIGURED DIMENSIONS ONLY TO BE ADOPTED.

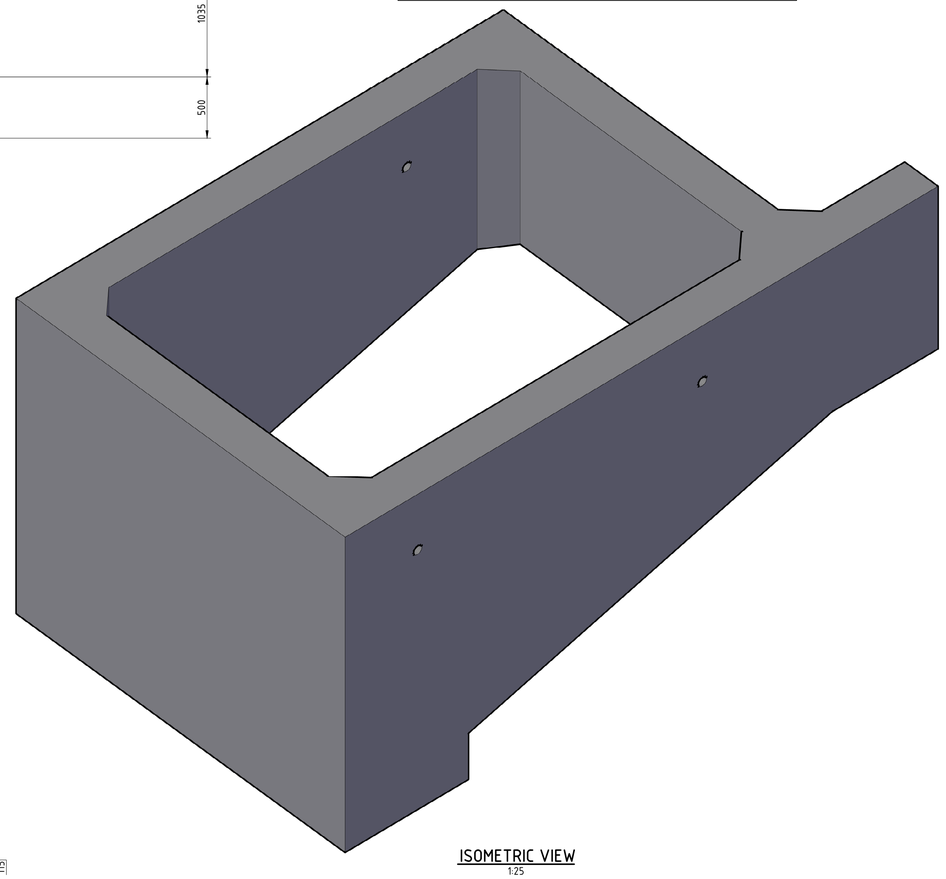
2. MATERIALS
2.1 PRECAST CONCRETE (45MPa):

3 REINFORCEMENT
3.1 MILD STEEL BARS (R): 250MPa
3.2 HIGH YIELD BARS (Y): 450MPa
3.3 MINIMUM LAP LENGTHS TO BE 40xBAR DIAMETER UNLESS STATED OTHERWISE.

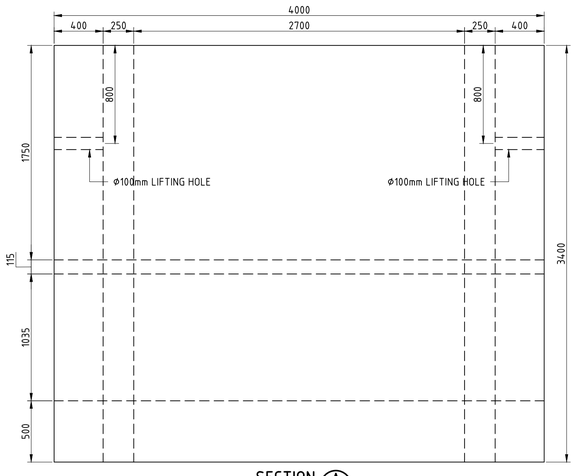
4. COVER 60mm MINIMUM CONCRETE COVER TO REINFORCEMENT UNLESS OTHERWISE NOTED

5. ALL SHARP EDGES TO BE CHAMFERED 25mmx25mm UNLESS OTHERWISE NOTED

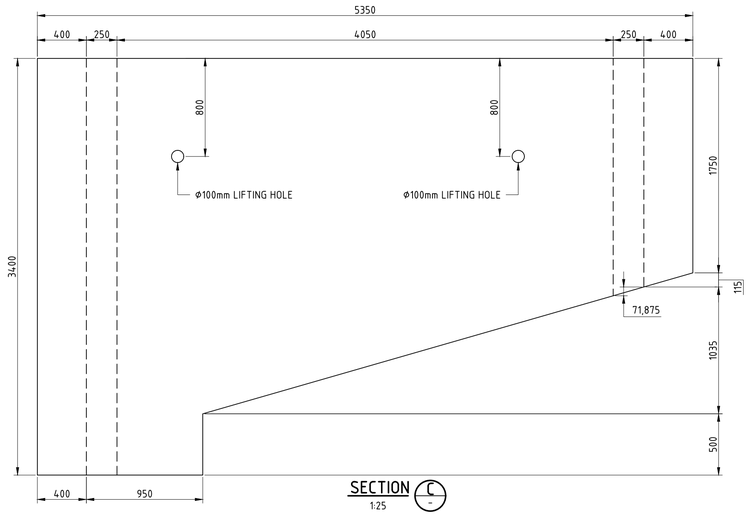
6. LIFTING
6.1 LIFTING OF PRECAST UNITS TO COMMENCE UPON CONCRETE ACHIEVING MIN 25MPa STRENGTH.
6.2 LIFTING ARRANGEMENT TO BE APPROVED BY THE SUPERVISOR BEFORE LIFTING.



ISOMETRIC VIEW
1:25



SECTION A
1:25



SECTION C
1:25

DRAWING NO.	REFERENCE
1785-CO-060-C-DWG-0034-02	PRECAST RETAINING UNIT REINFORCING DETAILS
1785-CO-060-C-DWG-0032	CAISSON QUAY WALL FOUNDATION STONE PLATFORMS

REFERENCE DRAWINGS

Engineers

ZAA ENGINEERING PROJECTS & NAVAL ARCHITECTS

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PROJECT NO	DIS CODE	AREA	DISP	TYPE	DRG NO	SHEET	STATUS	REV
1785	CO	060	C	DWG	0034	01	T	0A

NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE
0A	ISSUED FOR TENDER	DC	MC	JZ	2019.07.26

REVISIONS / ISSUE AUTHORIZATION

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EPCM CONSULTANT: TNPA

TITLE	NAME	SIGNATURE	DATE
LEAD DES. ENG.			
ENG. COORD.			
ENG. MANAGER			
AREA MANAGER			
PROJECT MGR.			
DIVISION			

ORIGINATOR: ZAA

TITLE	NAME	SIGNATURE	DATE
DRAWN	DC	DC	19 07 26
CHECKED	MC/WvW	MC	19 07 26
ENG. COORD.			
DISCIP. ENG.			
ENG. MANAGER			
AREA MANAGER			

DIV.	TITLE	NAME	SIGNATURE	DATE

PR.ENG. / PR.TECH.

NAME	J. ZIETSMAN	DATE
SIGNATURE	J Zietsman	19 07 26
REG. NUMBER	760293	
SCALE :	OR AS NOTED	A1

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TRANSNET

PORT OF DURBAN

DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING

CAISSON QUAY WALL PRECAST RETAINING UNIT CONCRETE DETAILS

PROJECT NUMBER	DV	FBS	DIS	TYPE	DRG. NO.	SHT.	REV.	ID
2122830	1	060	C	GA	103	01	0A	DC