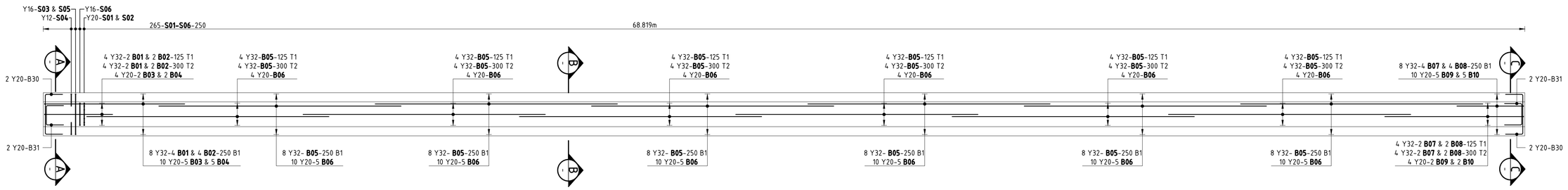
DO NOT SCALE - IF IN DOUBT, ASK

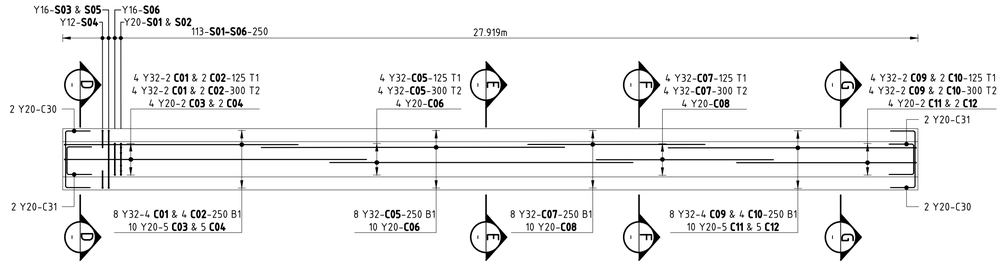


PLAN-BEAM B2
SCALE 1:100

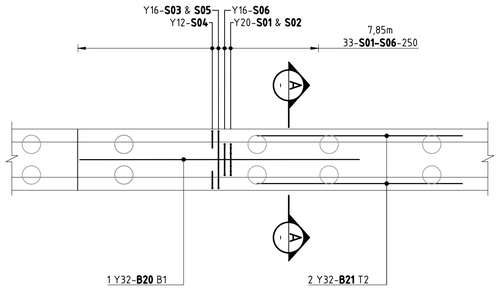
NOTE:

THE ADDITIONAL SHEAR REINFORCEMENT IS TO BE PLACED AT 250mm CENTRES IN BETWEEN THE STANDARD SHEAR REINFORCING. THIS RESULTS IN A FINAL SPACING OF 125mm BETWEEN SHEAR LINKS AT THESE POSITIONS.

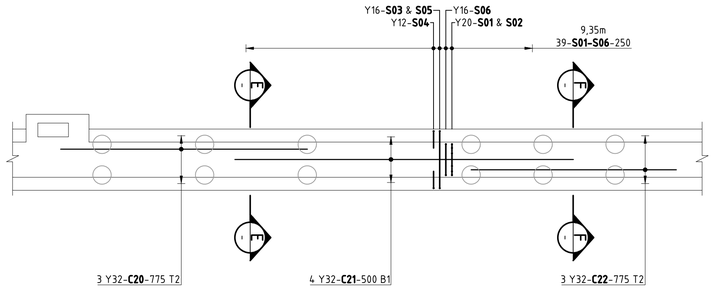
REINFORCING DETAILS FOR THE STORM PIN ANCHORS AND TIE DOWN ANCHORS ARE SHOWN IN DRAWING NUMBER 1785-C0-100-C-DWG-0010



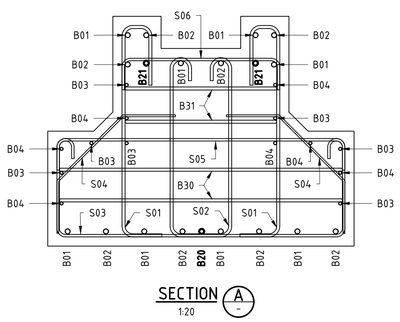
PLAN-BEAM B6
SCALE 1:100



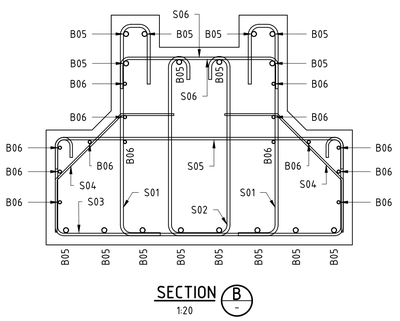
B2 ADDITIONAL REINFORCING
SCALE 1:100



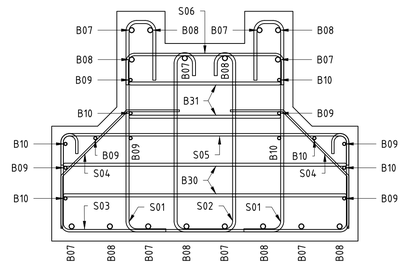
B6 ADDITIONAL REINFORCING
SCALE 1:100



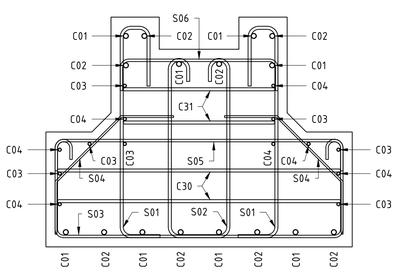
SECTION A
1:20



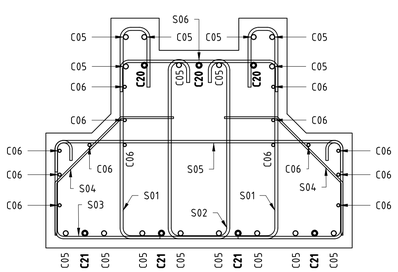
SECTION B
1:20



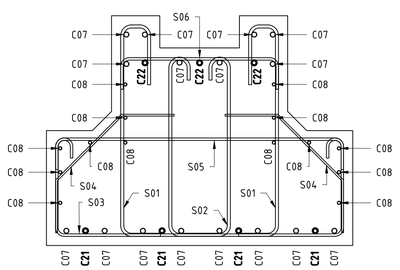
SECTION C
1:20



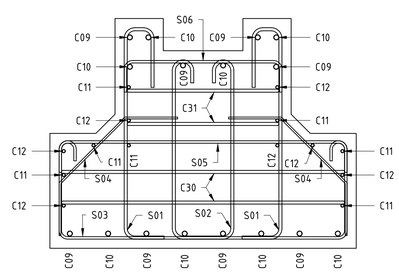
SECTION D
1:20



SECTION E
1:20



SECTION F
1:20



SECTION G
1:20

DRAWING NO.	REFERENCE
1785-CO-100-C-DWG-0005-01	CRANE BEAM CONCRETE DETAILS PHASE 1
1785-CO-100-C-DWG-0006-01	CRANE BEAM CONCRETE DETAILS PHASE 1
1785-CO-100-C-DWG-0007-01	CRANE BEAM CONCRETE DETAILS PHASE 1
1785-CO-100-C-DWG-0008-01	CRANE BEAM CONCRETE DETAILS SECTIONS
1785-CO-100-C-DWG-0010-01	STORM PIN ANCHOR REINFORCING DETAILS
1785-CO-100-C-DWG-0010-02	TIE DOWN ANCHOR REINFORCING DETAILS
1785-CO-100-C-SCH-0009-02	BENDING SCHEDULE

REFERENCE DRAWINGS

Engineers

ZAA ENGINEERING PROJECTS & NAVAL ARCHITECTS

P O Box 26546
HOUT BAY 7872
Tel: +27(21) 791 9100
E-Mail: zaaepna@zaaepna.com

31 Melkhout Crescent
Hout Bay 7806
Fax: +27(21) 790 4470

PROJECT NO	DIS CODE	AREA	DISP	TYPE	DRG NO	SHEET	STATUS	REV
1785	CO	100	C	DWG	0009	02	T	0A

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

REVISIONS / ISSUE AUTHORIZATION

This Document including all design and information therein is Confidential Intellectual Property of ZAA Engineering Projects and Naval Architecture (Pty) Ltd. Copyright and all other rights are reserved by ZAA. This Document may only be used for its intended purpose.

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	MC	19 07 26
ENG. COORD.			
DISCIP. ENG.			
ENG. MANAGER			
AREA MANAGER			
PR.ENG. / PR.TECH.			
NAME	J. ZIETSMAN		DATE
SIGNATURE			19 07 26
REG. NUMBER	760293		
SCALE :	OR AS NOTED	A1	

Transnet National Ports Authority
237 MAHATMA GANDHI ROAD
DURBAN
P.O. BOX 31683, DURBAN
TEL: 031 361 8852

TRANSNET

PORT OF DURBAN

DCT BERTHS 203 to 205 RECONSTRUCTION
DEEPENING AND LENGTHENING

REAR CRANE RAIL BEAM
REINFORCING DETAILS
SHEET 2 OF 5

PROJECT NUMBER	DV	FBS	DIS.	TYPE	DRG. NO.	SHT.	REV.	ID
2122830	1	100	C	GA	1008	02	0A	DC