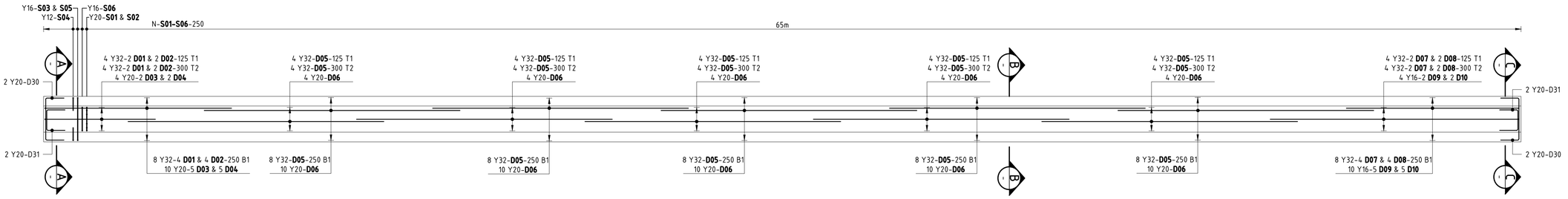
DO NOT SCALE - IF IN DOUBT, ASK



PLAN-BEAMS B7 & B12

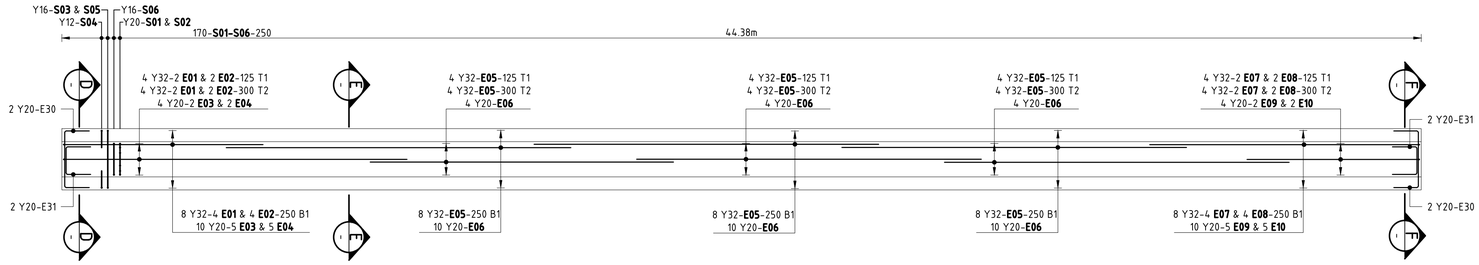
SCALE 1:100

BEAM NO.	NO. OF ROWS OF SHEAR REINFORCING (N)
B7	249
B12	251

NOTE:

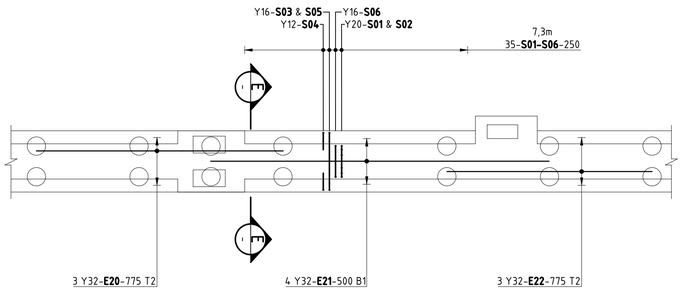
THE ADDITIONAL SHEAR REINFORCEMENT IS TO BE PLACED AT 250mm CENTRES IN BETWEEN THE STANDARD SHEAR REINFORCING. THIS RESULTS IN A FINAL SPACING OF 125mm BETWEEN SHEAR LINKS AT THESE POSITIONS.

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



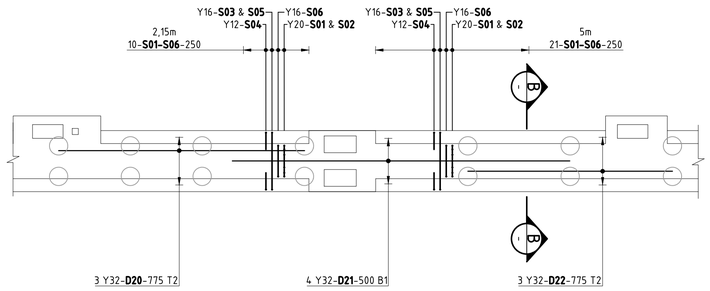
PLAN-BEAM B11

SCALE 1:100



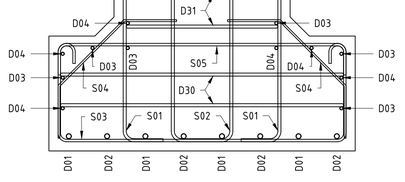
B11 ADDITIONAL REINFORCING

SCALE 1:100



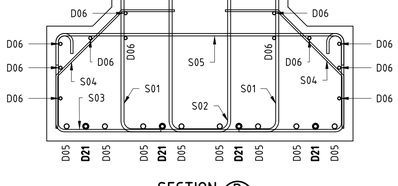
B12 ADDITIONAL REINFORCING

SCALE 1:100



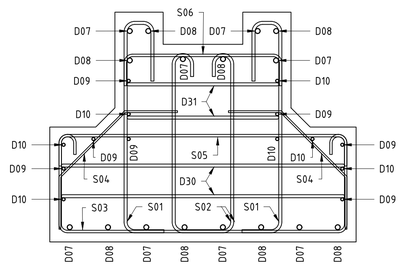
SECTION A

1:20



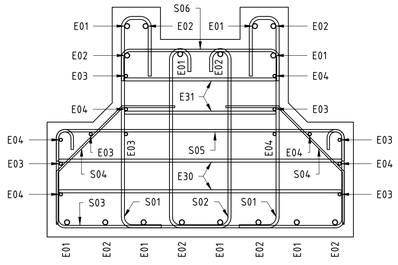
SECTION B

1:20



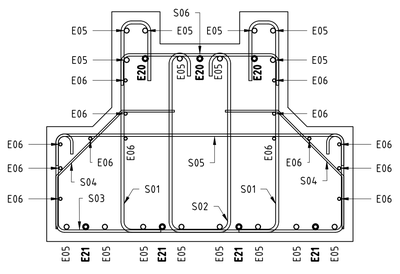
SECTION C

1:20



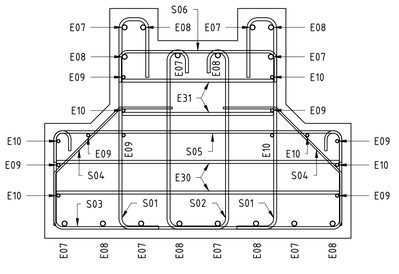
SECTION D

1:20



SECTION E

1:20



SECTION F

1:20

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-0009-03	BENDING SCHEDULE

REFERENCE DRAWINGS

Engineers

ZAA ENGINEERING PROJECTS & NAVAL ARCHITECTS

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Hout Bay 7806
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PROJECT NO	DIS CODE	AREA	DISP	TYPE	DRG NO	SHEET	STATUS	REV
1785	CO	100	C	DWG	0009	03	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			

DIV.	TITLE	NAME	SIGNATURE	DATE

ORIGINATOR: ZAA

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

PR.ENG. / PR.TECH.

NAME	SIGNATURE	DATE
J. ZIETSMAN		19 07 26

REG. NUMBER 760293

SCALE : AS NOTED A1

Transnet National Ports Authority
237 MAHATMA GANDHI ROAD
DURBAN
P.O. BOX 31683, DURBAN
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TRANSNET

PORT OF DURBAN

DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING

REAR CRANE RAIL BEAM REINFORCING DETAILS SHEET 3 OF 5

PROJECT NUMBER	DV	FBS	DIS	TYPE	DRG. NO.	SHT.	REV.	ID
2122830	1	100	C	GA	1008	03	0A	DC