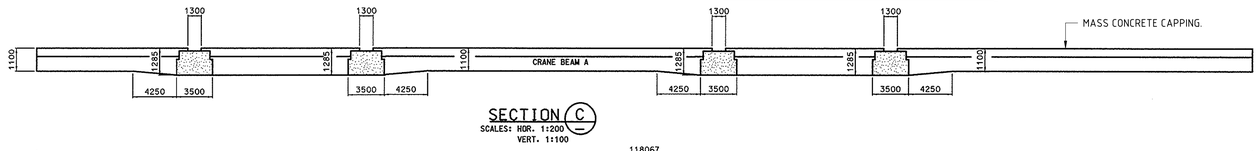
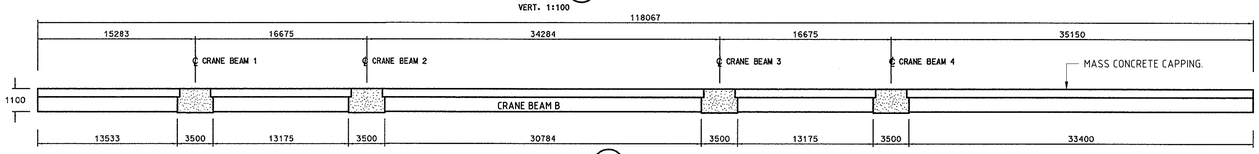
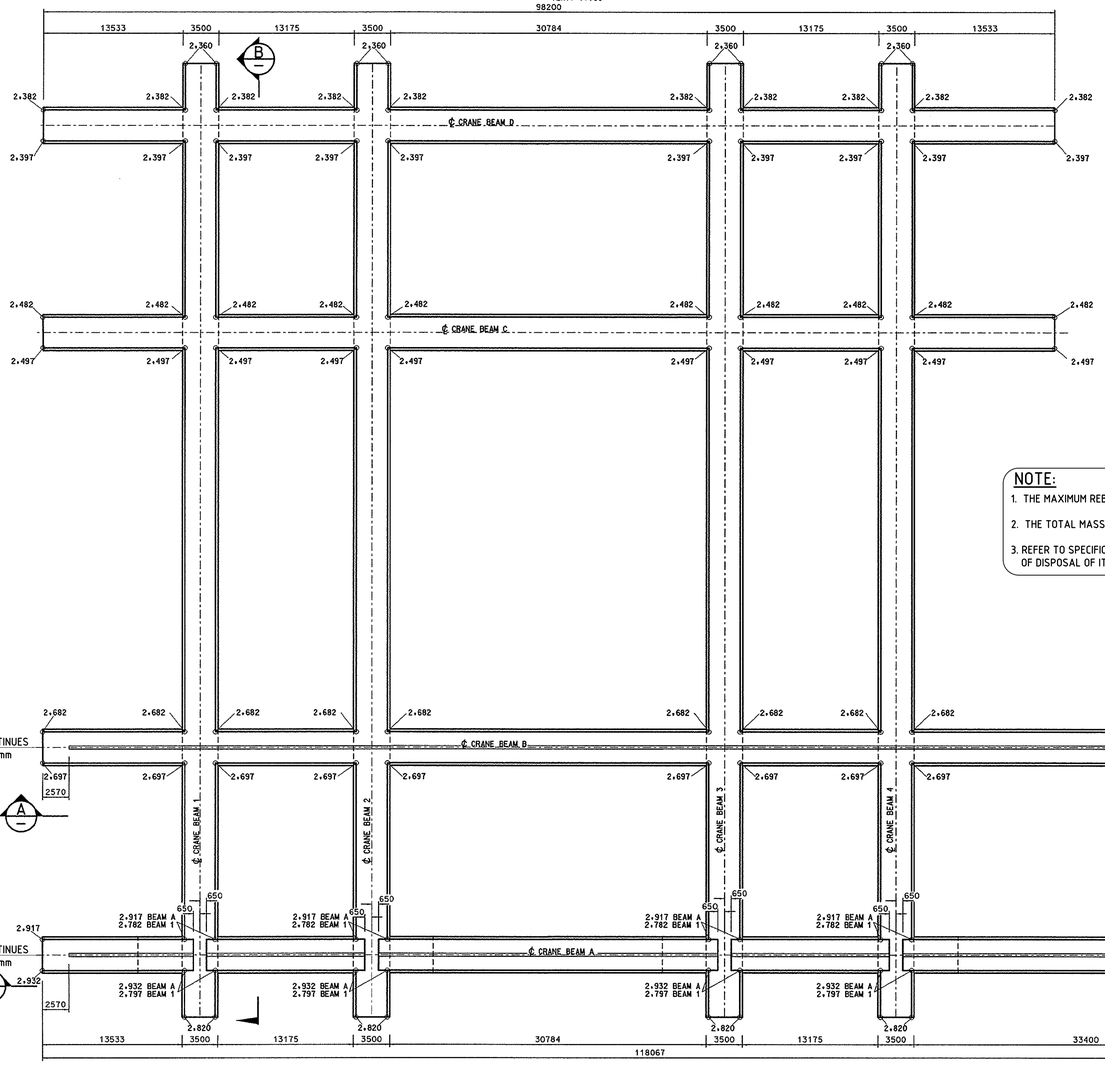
DO NOT SCALE - IF IN DOUBT, ASK

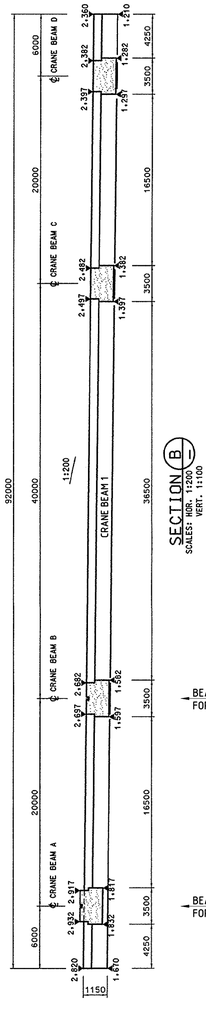


SECTION C
SCALES: HOR. 1:200
VERT. 1:100



SECTION A
SCALES: HOR. 1:200
VERT. 1:100



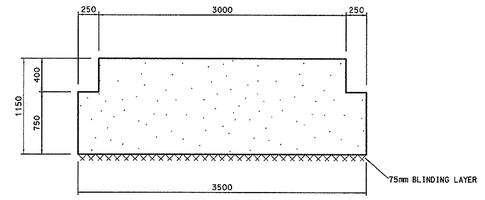


NOTE:

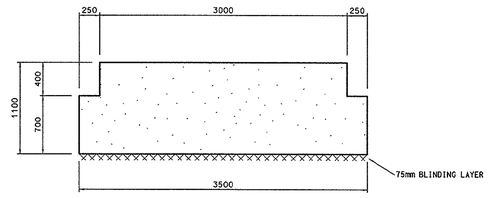
1. THE MAXIMUM REBAR IN THE BEAMS IS Y32 AND Y16 MINIMUM.
2. THE TOTAL MASS OF REINFORCING STEEL IS 247 136Kg.
3. REFER TO SPECIFICATION 1785-C0-000-C-SPC-0018 FOR DETAILS OF DISPOSAL OF ITEMS AND MATERIALS FOR DEMOLITIONS.

MATERIAL LIST (CONCRETE BEAMS)

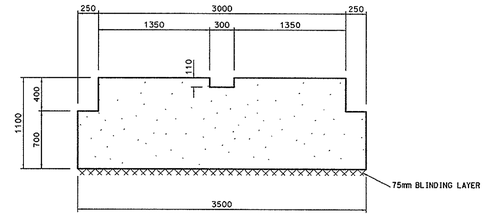
ITEM	DESCRIPTION	DIMENSIONS	No OFF	Volume (m^3)
ITEM ①	CRANE BEAM A	3500mm WIDE x 1100mm DEEP x 118067mm LONG	1	644.068
ITEM ②	CRANE BEAM B	3500mm WIDE x 1100mm DEEP x 118067mm LONG	1	644.068
ITEM ③	CRANE BEAM C	3500mm WIDE x 1100mm DEEP x 98200mm LONG	1	358.430
ITEM ④	CRANE BEAM D	3500mm WIDE x 1100mm DEEP x 98200mm LONG	1	358.430
ITEM ⑤	CRANE BEAM 1	3500mm WIDE x 1150mm DEEP x 92000mm LONG	1	351.90
ITEM ⑥	CRANE BEAM 2	3500mm WIDE x 1150mm DEEP x 92000mm LONG	1	351.90
ITEM ⑦	CRANE BEAM 3	3500mm WIDE x 1150mm DEEP x 92000mm LONG	1	351.90
ITEM ⑧	CRANE BEAM 4	3500mm WIDE x 1150mm DEEP x 92000mm LONG	1	351.90
		TOTAL VOLUME		3412.596m^3



CROSS SECTION
BEAMS 1 TO 4
1:25



CROSS SECTION
BEAMS C & D
1:25



CROSS SECTION
BEAMS A & B
1:25

EXISTING REINFORCED CONCRETE BEAMS TO BE DEMOLISHED: AS BUILT DRAWING
N.T.S

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

NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE
0A	ISSUED FOR TENDER	AS	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	AS	AS	19 07 26
CHECKED	MC/WvW	MC	19 07 26
ENG. COORD.			
DISCIP. ENG.			
ENG. MANAGER			
AREA MANAGER			

PR.ENG. / PR.TECH.

NAME	SIGNATURE	DATE
J. ZIETSMAN	J Ziet	19 07 26

REG. NUMBER 760293

SCALE : AS SHOWN OR AS NOTED A1

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

PORT OF DURBAN

DCT BERTHS 203 to 205 RECONSTRUCTION
DEEPENING AND LENGTHENING

DEMOLITIONS
OLD CRANE SITE EXISTING
CONCRETE BEAMS LAYOUT & SECTIONS

DRAWING NO.	REFERENCE
REFERENCE DRAWINGS	

PROJECT NO	DIS CODE	AREA	DISP	TYPE	DRG NO	SHEET	STATUS	REV
1785	C0	050	C	DWG	0006	01	T	0A

PROJECT NUMBER	DV	FBS	DIS.	TYPE	DRG. NO.	SHT.	REV.	ID
2122830	1	050	C	GA	1005	01	0A	AS