NOTE: THE WORD 'PHASE' REFERS TO 'SECTION' AS DEFINED IN THE WORKS INFORMATION.

DO NOT SCALE - IF IN DOUBT, ASK

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

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

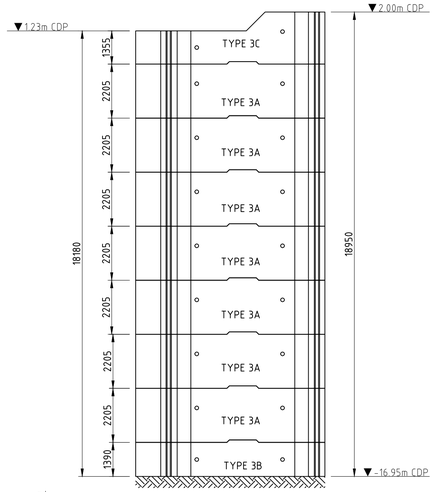
5. ALL SHARP EDGES TO BE CHAMFERED 25mmX25mm UNLESS OTHERWISE NOTED

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 ENGINEER BEFORE LIFTING.

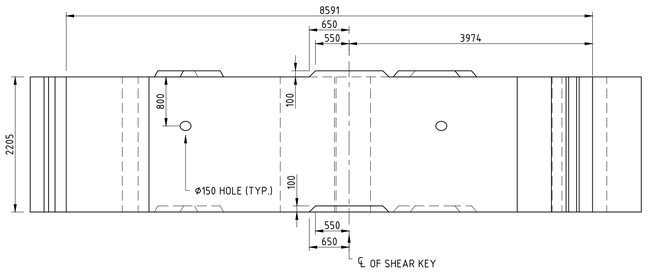
7. INFILL PANELS TYPE 3A PARTICULARS AND No'S OFF:

TOTAL CONCRETE VOLUME	33.21m³
TOTAL MASS	79.71t

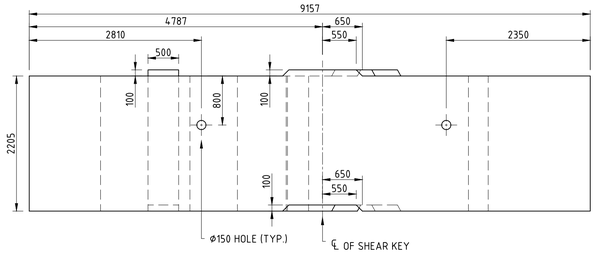
PHASE NO	No OFF
PHASE 3	7
TOTAL No OFF	7



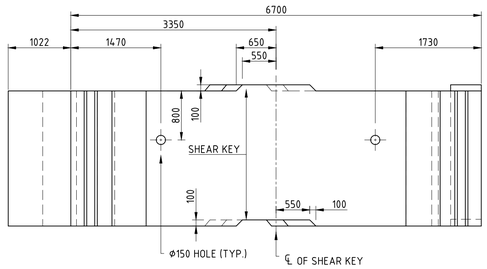
ELEVATION-UNIT TYPE 3
N.T.S



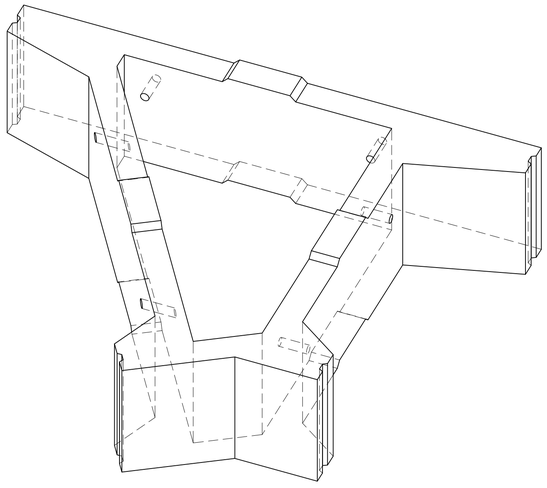
ELEVATION-WALL 1
1:50
(NOTE: HIDDEN DETAIL FOR HOLES & NIB RECESSES NOT SHOWN FOR CLARITY)



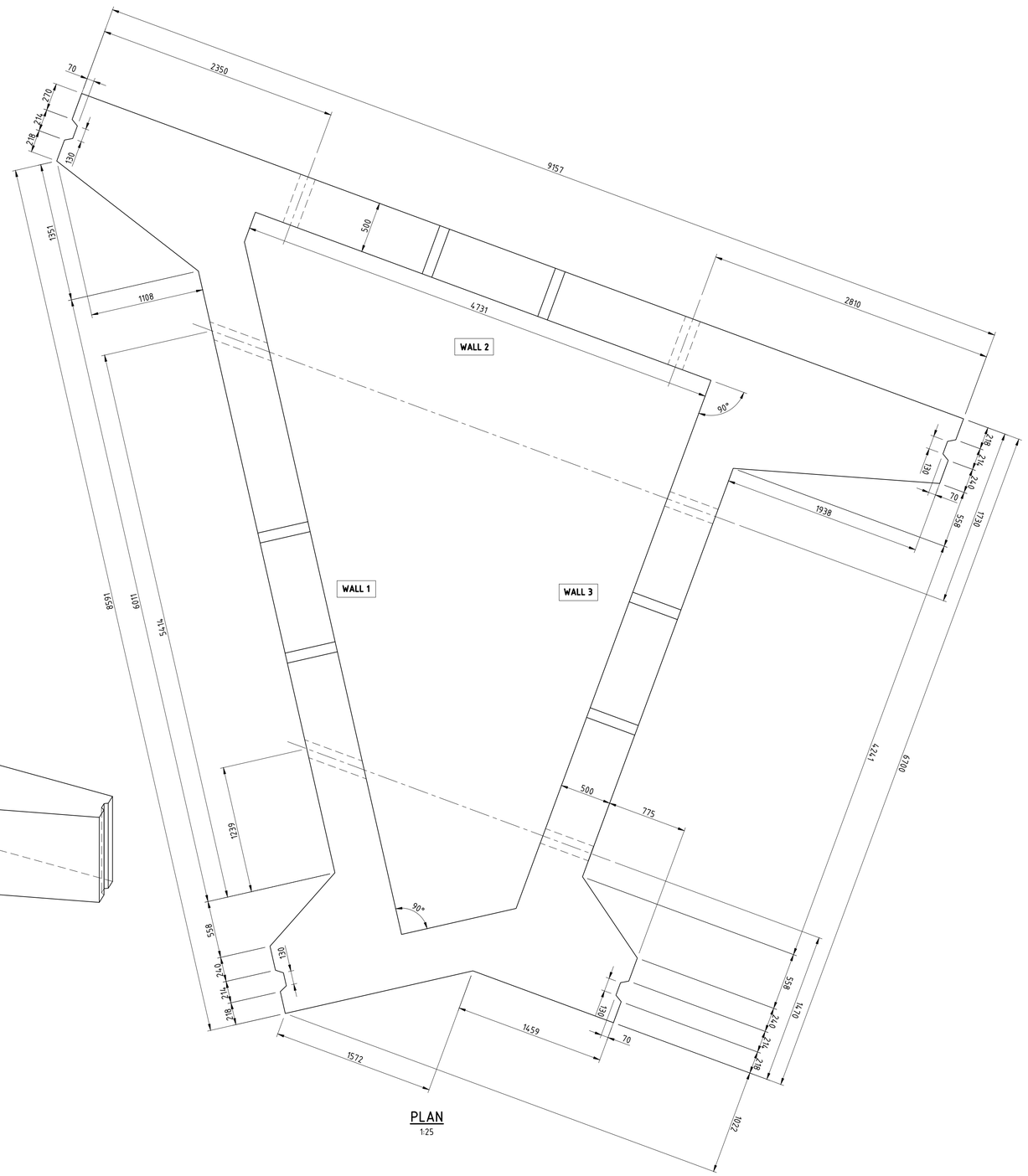
ELEVATION-WALL 2
1:50
(NOTE: HIDDEN DETAIL FOR HOLES & NIB RECESSES NOT SHOWN FOR CLARITY)



ELEVATION-WALL 3
1:50
(NOTE: HIDDEN DETAIL FOR HOLES & NIB RECESSES NOT SHOWN FOR CLARITY)



ISOMETRIC
N.T.S



PLAN
1:25

1785-CO-060-DWG-0025-01	INFILL PANEL TYPE 3A REINFORCEMENT DETAILS					
1785-CO-060-DWG-0003-01	GENERAL ARRANGEMENT PHASE 3					
DRAWING NO.	REFERENCE	NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE
REFERENCE DRAWINGS		0A	ISSUED FOR TENDER	DM	MC	JZ	2019.07.26

REVISIONS / ISSUE AUTHORIZATION

Engineers
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	060	C	DWG	0024	01	T	0A

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				ORIGINATOR: ZAA			
TITLE	NAME	SIGNATURE	DATE	TITLE	NAME	SIGNATURE	DATE
LEAD DES. ENG.				DRAWN	DM		19 07 26
ENG. COORD.				CHECKED	MC		19 07 26
ENG. MANAGER				ENG. COORD.			
AREA MANAGER				DISCIP. ENG.			
PROJECT MGR.				ENG. MANAGER			
DIVISION				AREA MANAGER			
DIV.	TITLE	NAME	SIGNATURE DATE				
				PR.ENG. / PR.TECH.			
				NAME	J. ZIETSMAN		DATE
				SIGNATURE			19 07 26
				REG. NUMBER	760293		
				SCALE :	AS INDICATED		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

CAISSON QUAY WALL PRECAST INFILL UNIT TYPE 3A CONCRETE DETAILS

PROJECT NUMBER	DV	FBS	DIS.	TYPE	ORG. NO.	SHT.	REV.	ID
2122830	1	060	C	GA	1023	01	0A	DM