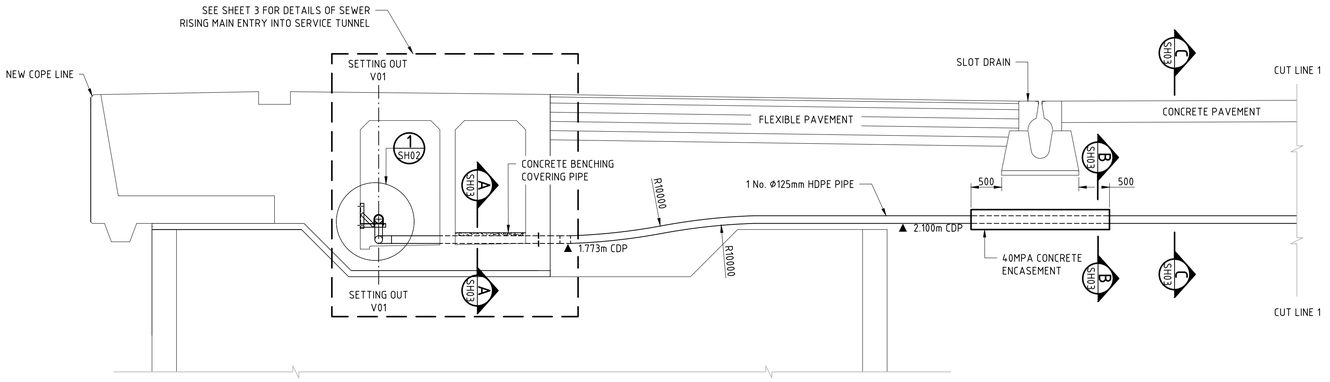
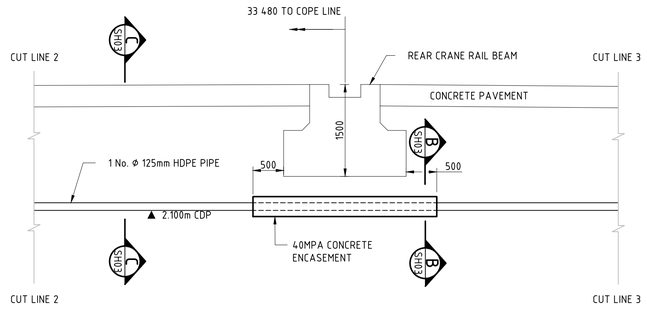
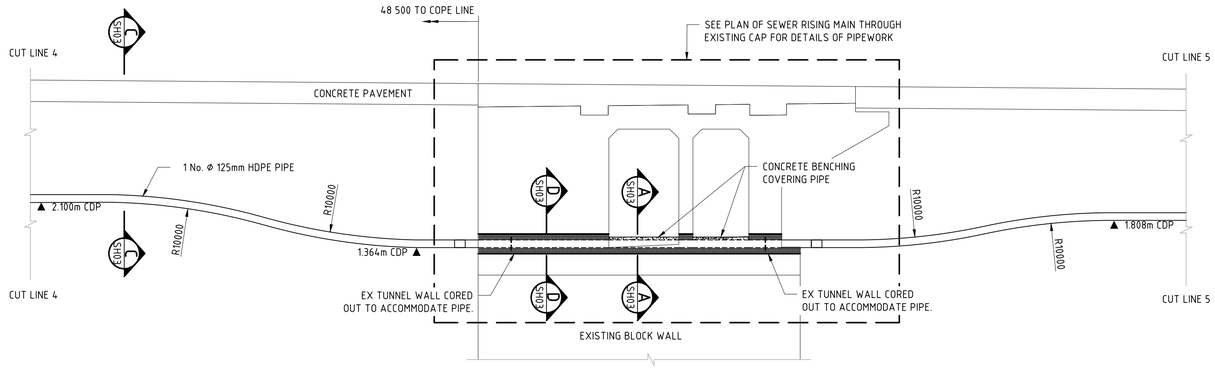
DO NOT SCALE - IF IN DOUBT, ASK



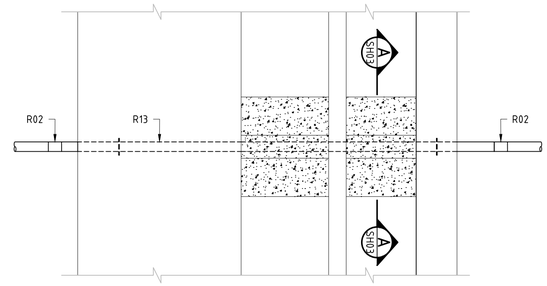
LONG SECTION: SEWER RISING MAIN FROM 203 MESS & ABLUTIONS
1:50



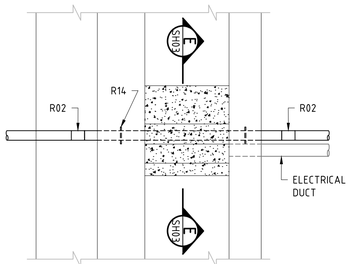
LONG SECTION: SEWER RISING MAIN FROM 203 MESS & ABLUTIONS
1:50



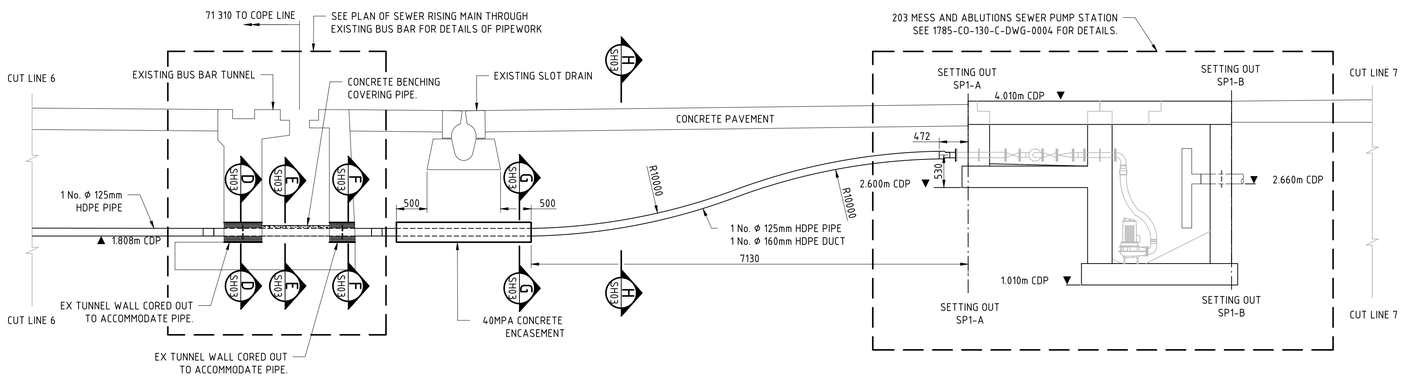
LONG SECTION: SEWER RISING MAIN FROM 203 MESS & ABLUTIONS
1:50



SEWER RISING MAIN THROUGH EXISTING CAP
1:40



SEWER RISING MAIN THROUGH EXISTING BUS BAR
1:40



LONG SECTION: SEWER RISING MAIN FROM 203 MESS & ABLUTIONS
1:50

MARK	COMPONENT	NO. OF	DESCRIPTION
R02	173	4 **	Ø125mm HDPE ELECTROFUSION COUPLING.
R13	750 4150 750	1	Ø125mm HDPE PIPE WITH TWO PUDDLE FLANGES. 5650mm LONG BOTH ENDS PLAIN.
R14	475 1625 475	1	Ø125mm HDPE PIPE WITH TWO PUDDLE FLANGES. 2575mm LONG BOTH ENDS PLAIN.

** QUANTITY ONLY APPLIES TO COUPLINGS FOR SPECIAL FITTINGS ONLY. STANDARD PIPE LENGTHS ARE TO BE SUPPLIED COMPLETE WITH COUPLINGS.

1785-CO-130-C-DWG-0002	SEWER GENERAL ARRANGEMENT PHASES 2 & 3
1785-CO-130-C-DWG-0004	SEWER PUMP STATION TYPE 1
DRAWING NO.	REFERENCE

REFERENCE DRAWINGS

Engineers
ZAA ENGINEERING PROJECTS & NAVAL ARCHITECTS
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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 130	C	DWG	0003	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				
DIV.	TITLE	NAME	SIGNATURE	DATE
PR.ENG. / PR.TECH.				
NAME	J. ZIETSMAN			DATE
SIGNATURE				19 07 26
REG. NUMBER	760293			
SCALE :				OR AS NOTED A1

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

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

SEWER TYPICAL DETAILS SHEET 1 OF 8

PROJECT NUMBER	DV	FBS	DIS	TYPE	DRG. NO.	SHT.	REV.	ID
2122830	1	130	C	GA	1002	01	0A	DC