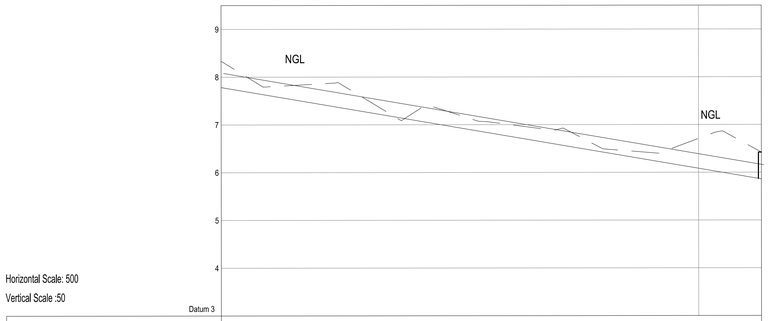
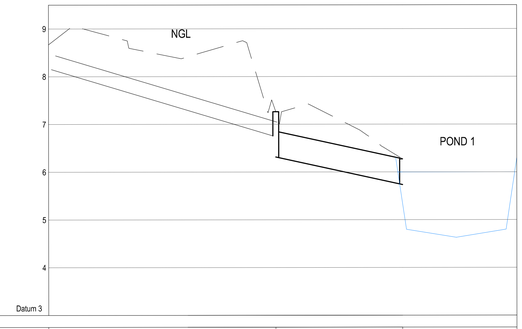


Horizontal Scale: 500
Vertical Scale :50

Datum 3

CHAINAGE	0.000		113.152
MANHOLE NAME	TIP CH MH4		TIP MH4
COVER LEVEL	8.14		6.42
INLET LEVEL	7.78		5.96 5.92
DEPTH	0.35		1:12
LENGTH	113.15 m		
CLASS/SIZE	Existing Channel along Haul Road		
SLOPE	1:58.824		

Manhole TIP CH MH4 to TIP MH4.



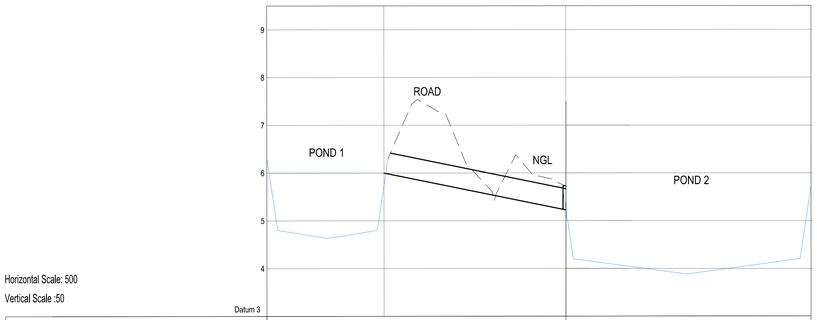
Horizontal Scale: 500
Vertical Scale :50

Datum 3

CHAINAGE	0.000		47.607		74.152 S200157-2-001-C-DE-00002-HM	
MANHOLE NAME	TIP CH MH5		TIP MH5		POND 1 INLET	
COVER LEVEL	8.86		7.26		6.27	6.3
INLET LEVEL	8.17		6.74 6.31		5.74	4.8 4.66 4.8
DEPTH	0.69		0.95		0.54	
LENGTH	47.61 m			26.55 m		
CLASS/SIZE	Existing Channel along Haul Road			600 x 450 Class 1 (SATS) Precast Portal Culvert		
SLOPE	1:33.333			1:45.820		

S200157-2-001-C-DE-00002-01-RM

Manhole TIP CH MH5 to POND 1 INLET

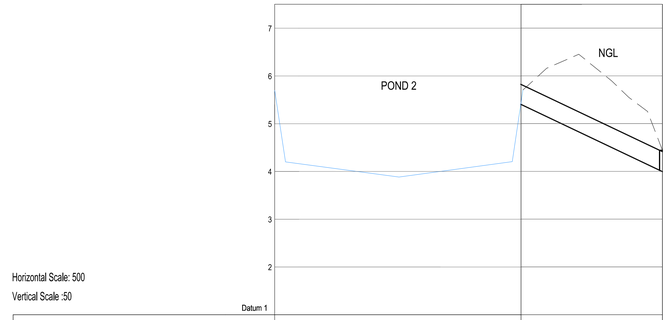


Horizontal Scale: 500
Vertical Scale :50

Datum 3

CHAINAGE	S200157-2-001-C-DE-00002-01-RM		TIP P1 OVERFLOW 0.000		TIP P1 INLET TO P2 38.110		S200157-2-001-C-DE-00002-01-RM		
MANHOLE NAME									
COVER LEVEL	6.3		6.3 6.02		5.73	5.7			5.7
INLET LEVEL	4.8	4.66	4.8	6.32	5.28 4.2		3.9		4.2
DEPTH		0.51			0.47				
LENGTH				38.11 m		5.7			
CLASS/SIZE				375 mm 100D Concrete					
SLOPE	S200157-2-001-C-DE-00002-01-RM			1:36.164			S200157-2-001-C-DE-00002-01-RM		

Manhole TIP P1 OVERFLOW to TIP P1 INLET TO P2



Horizontal Scale: 500
Vertical Scale :50

Datum 1

CHAINAGE	S200157-2-001-C-DE-00002-01-RM		0.000	29.614
MANHOLE NAME			TIP P2 OVERFLOW	TIP CH to P4
COVER LEVEL	5.7	5.7	5.4	4.44
INLET LEVEL	4.2	3.9 4.2	5.32	4.03 4.00
DEPTH			0.41	0.41
LENGTH				29.61 m
CLASS/SIZE				375 mm 100D Concrete
SLOPE	S200157-2-001-C-DE-00002-01-RM			1:22.974

Manhole TIP P2 OVERFLOW to TIP CH to P4

DRAWING NO.	REFERENCE
REFERENCE DRAWINGS	

NOTES:

a. MEASUREMENTS ARE BASED ON METRIC SYSTEM.
b. ALL LEVELS ARE IN METERS TO MEAN SEA LEVELS (MSL)
c. DO NOT SCALE DRAWING - ONLY DIMENSIONS SHOWN TO BE USED.
d. THE CONTRACTOR SHALL VERFIY ALL SERVICES OR CONDITIONS ON THE SITE AND NOTIFY THE ENGINEERING OF ANY VARIATIONS FROM DIMENSIONS BEFORE CONSTRUCTION.

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
01	ISSUED FOR CONSTRUCTION	RM	HvdW	RN	24/04/2023
00	ISSUED FOR CLIENT APPROVAL	RM	HvdW	RN	01-07-2022

REVISIONS

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CONTRACTOR / CONSULTANT			
TITLE	NAME	SIGN	DATE

OPERATING DIVISIONS			
TITLE	NAME	SIGN	DATE

TRANSNET PORT TERMINALS			
TITLE	NAME	SIGN	DATE
DRAWN	RM		01 06 22
CHECKED	HvdW		01 06 22
DESIGNED	RM		01 06 22
CHECKED	HvdW		01 06 22

PR.ENG. / PR.TECH./PR. ARCH			
NAME	R. NAIDOO		DATE
SIGNATURE			28 04 23
REG. NUMBER	2010702216		
SCALE :	AS SHOWN		A0

Transnet Port Terminals

TRANSNET

PORT OF SALDANHA

TIPPLER AREA

STORMWATER LONGSECTION

SHEET 2 OF 3

PROJECT NUMBER	OD	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
5200157-2-001-C-SE-00002-02-01								RM