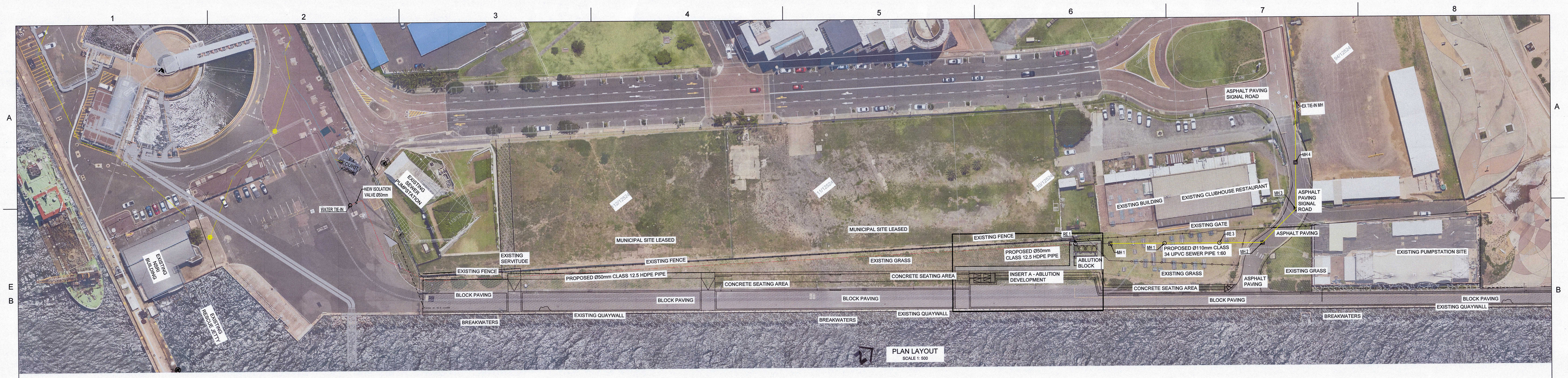
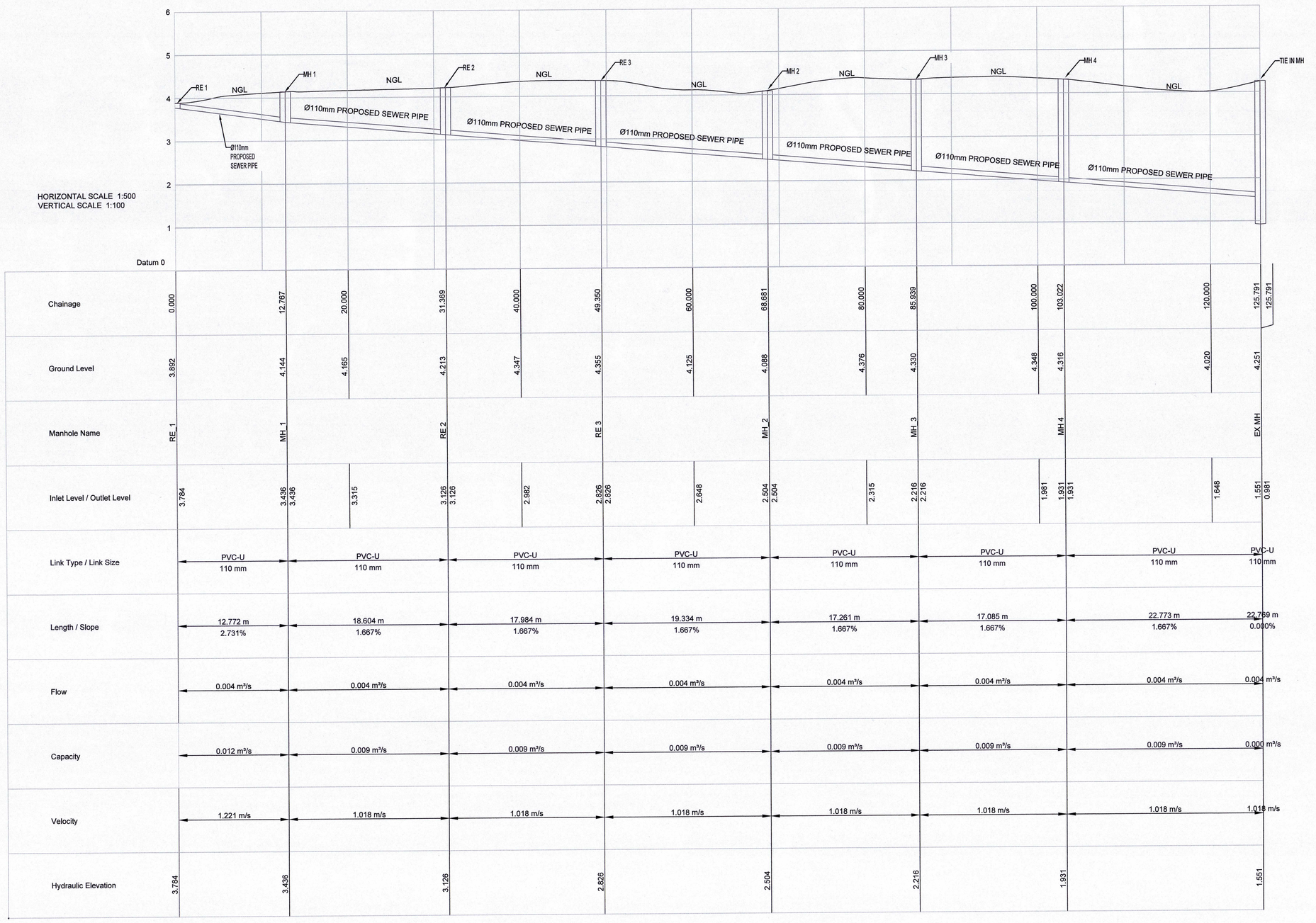


PLAN LAYOUT
SCALE 1: 500

LEGEND	
SYMBOL	DESCRIPTION
PRT1	CONTROL POINTS
	EXISTING STORMWATER MANHOLE
	EXISTING ELECTRICAL MANHOLE
	NEW WATER CONNECTION POINT/TIE IN
	NEW SEWER MANHOLE
	EXISTING SEWER MANHOLE
	NEW WATER VALVE
	EXISTING SEWER MANHOLE
	EXISTING CONCRETE MANHOLE COVER
	ELECTRICAL LINE
	SECURITY FENCE
	NEW WATER PIPE
	NEW SEWER PIPE
	EXISTING BUILDING
	NEW PAVING BLOCKS
	GRASSED AREA
SETTING OUT POINTS	



LONG SECTION
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

SEWER SETTING OUT				
NAME	Y	X	Z	DESCRIPTION
RE 1	3305888.904	-5091.069	3.784	RODDING EYE
MH 1	3305878.800	-5098.872	3.436	MANHOLE ON THE GRASS
RE 2	3305862.969	-5111.095	3.126	RODDING EYE
RE 3	3305847.139	-5123.3185	2.826	RODDING EYE
MH 2	3305834.56	-5133.0673	2.504	MANHOLE ON THE ROAD
MH 3	3305817.452	-5130.8747	2.216	MANHOLE ON THE ROAD
MH 4	3305806.993	-5117.3572	1.931	MANHOLE ON THE ROAD
EX MH	3305793.069	-5099.3444	0.981	EXISTING TIE-IN MANHOLE

ALL SETTING OUT COORDINATES TO BE VERIFIED ON SITE PRIOR TO ANY CONSTRUCTION.
FINISH PAVING LEVELS TO TIE INTO EXISTING BOUNDARY LEVELS
ALL Z VALUES ARE MEAN SEA LEVEL

REFERENCE DRAWINGS	
DRAWING NO.	DRAWING DESCRIPTION
XDN.E.0048 - 001 - C - DE - 0002	TYPICAL DETAILS
XDN.E.0048 - 001 - C - DE - 0001	SEWER MANHOLE DETAIL
XDN.E.0048 - 001 - C - LA - 0002	WATER LAYOUT DETAIL
XDN.E.0048 - 001 - C - LA - 0002	SEWER LONG SECTION
XDN.E.0048 - 001 - C - LA - 0001	INSERT A - ABLUTION DEVELOPMENT
XDN.E.0048 - 001 - C - GA - 0002	GENERAL SERVITUDES LAYOUT
XDN.E.0048 - 001 - C - GA - 0001	GENERAL SITE LAYOUT

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 VERIFY ALL SERVICES OR CONDITIONS ON THE SITE AND NOTIFY THE ENGINEERING OF ANY VARIATIONS FROM DIMENSIONS BEFORE CONSTRUCTION.

REVISIONS				
NO.	DESCRIPTION	BY	CHKD	APPD	DATE
01	ISSUED FOR CONSTRUCTION	SM	MT	MT	2026.05.26

APPROVED
POST ENGINEER
DATE: 29/05/2026

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CONTRACTOR / CONSULTANT			
TITLE	NAME	SIGN	DATE
DRAWN			
CHECKED			
DESIGNED			
CHECKED			
PR.ENG. / PR.TECH./PR. ARCH			
NAME			DATE
SIGNATURE			
REG. NUMBER			
TITLE			
SCALE :			
TRANSNET DRG. NO.			

TRANSNET NATIONAL PORTS AUTHORITY			
TITLE	NAME	SIGN	DATE
DRAWN	S MBATHA		26 05 25
CHECKED	M TYEBI		26 05 25
DESIGNED	S MBATHA		26 05 25
CHECKED	M TYEBI		26 05 25
PR.ENG. / PR.TECH./PR. ARCH			
NAME	M TYEBI		DATE
SIGNATURE			26 05 25
REG. NUMBER	2018920105		
SCALE	AS SHOWN		
PAPER SIZE :	A0		

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PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE

PORT OF DURBAN

UPGRADE OF THE NORTH GROYNE PROMENADE
SEWER LONG SECTION
1 MAHATMA GANDHI ROAD, POINT, DURBAN
PORTION 13 OF ERF 10031 DURBAN - FU

PROJECT DRG. NO. XDN.E.0048 - 001 - C - LA - 0002 - 01
REV. 01