



LAYOUT PLAN
SCALE 1:250

1. PROPOSE NEW 150mm WATER METER - AMR COMPATIBLE
2. USE EXISTING MANHOLE
3. EXISTING SHUTOFF VALVES

1. PROPOSE NEW 50mm WATER METER - AMR COMPATIBLE
2. USE EXISTING MANHOLE.
3. EXISTING SHUTOFF VALVES

LEGEND	
	NEW METERS CONNECTION WITH AMR TECHNOLOGY TO BE MEASURED AS A UNIT.
	EXISTING ETHEKWINI SMALL METER
	EXISTING ETHEKWINI BULK METER
	EXISTING SEWER
	EXISTING FRESH WATER
	EXISTING STORMWATER

FOR APPROVAL

00	ISSUED FOR CONSTRUCTION	
No.	DESCRIPTION / REVISIONS	DATE



PROJECT / AREA / ASSET / SUBJECT
PORT OF DURBAN
DRAWING
STANDARDS

DRAWING TITLE
INSTALLATION OF AUTOMATIC METER READERS TO ISOLATE TPT FROM TNPA WATER RETICULATION Point/ Car terminal

DATE	2021-10-26	DH - DESIGN CENTRE MANAGER MR. R. M. VILBRO
SCALE	AS SHOWN	SIGNATURE DATE
DESIGNED BY	RB	DH - PORT ENGINEER MR. M. Sotaka
CHECKED BY		SIGNATURE DATE
DRAWN BY	RB	DH - PLAN DRAWER MR. R. Benade
CHECKED BY	RV	SIGNATURE DATE

PAPER SIZE	TRANSNET DRW. NO.	SHEET	REV.
A1	DH61-J-904-010-00		
CONSULTANT / CONTRACTOR DRW. NO.			

Point - Car Terminal					
Meter No	Propose AMR size	Existing pipe size	Exist pipe material	Meter to be installed above ground/ or inside manhole	Position of meter Co-ordinates
23	50mm	50mm	Cast Iron	Inside existing manhole	Y= -3276.630 X= 3304809.590
24	150mm	150mm	Unknown	Inside existing manhole	Y= -3267.030 X= 3304793.076

Existing water pipe material unknown - to be determine on site

- GENERAL NOTES:**
1. ANCHORAGE AND THRUST BLOCKS SHOULD BE USED WHENEVER THE PIPELINE CHANGES VERTICAL OR HORIZONTAL DIRECTION BY MORE THAN 10°. THRUST BLOCKS SHOULD ALSO BE USED WHERE THE SIZE OF THE PIPELINE CHANGES, AT BLANK ENDS AND ON STEEP SLOPES (MORE THAN 1:6).



SITE PLAN
SCALE 1:7500