Ø25 mm WATER METER FOR Ø32 mm

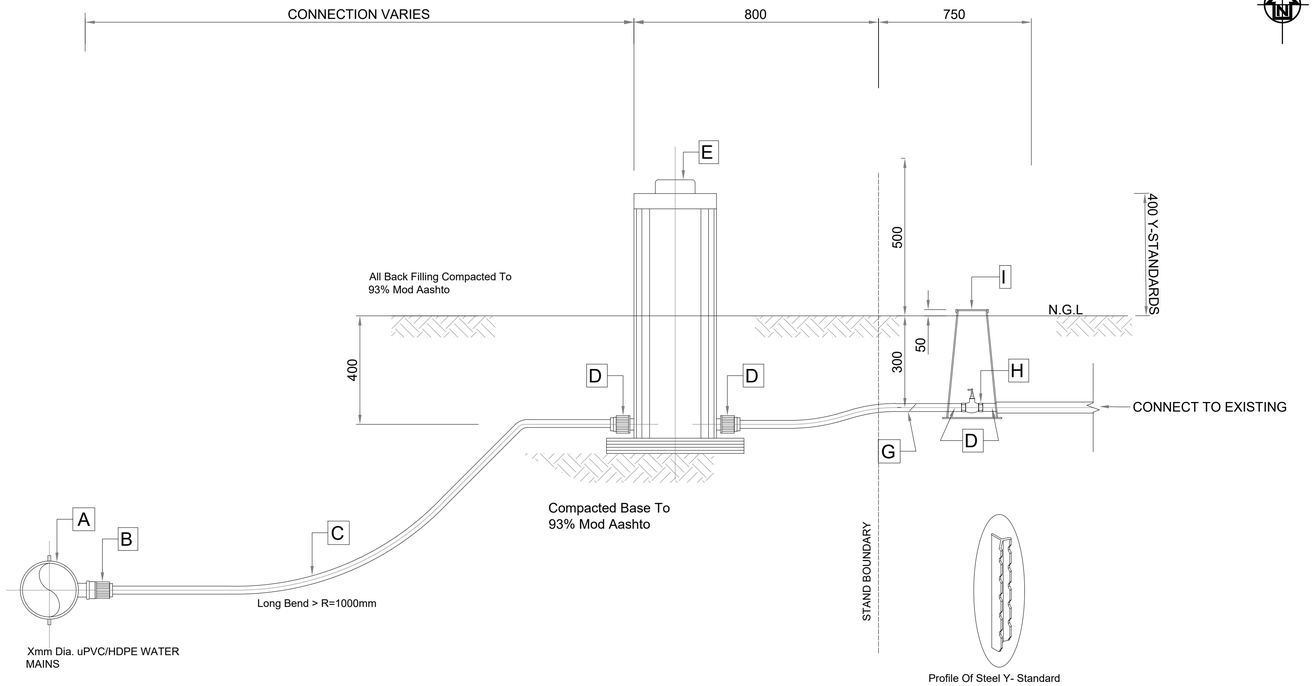
PIPE SCHEDULE AND FITTINGS - 15mm- 25mm DIA. TYPICAL WATER METER INSTALLATION

		32 mm PIPE SIZE	
ITEM	DESCRIPTION	SIZE(mm)	No. OFF
A	SADDLE	32mm	1
B	PLASSON MALE ADAPTOR	32mm X 32mm	1
C	HDPE TYPE V CLASS 16 PIPE	32mm	LENGHT CUT TO SUIT
D	PLASSON MALE ADAPTOR	32x25mm	4
E	PILLAR TYPE METERBOX COMPLETE WITH METER	25mm/32mm	1
F	CONCRETE PAVING SLAB MIN 450mm SQ x 50mm THICK	450mmX450mm	1
G	HDPE TYPE V CLASS 16 PIPE	32mm	LENGHT CUT TO SUIT
H	COBRA BRASS BALL VALVE(BALL-O-STOP)	25mm/32mm	1
I	POLYETHYLENE ROUND VALVE BOX	110mm Dia	1

NOTES:

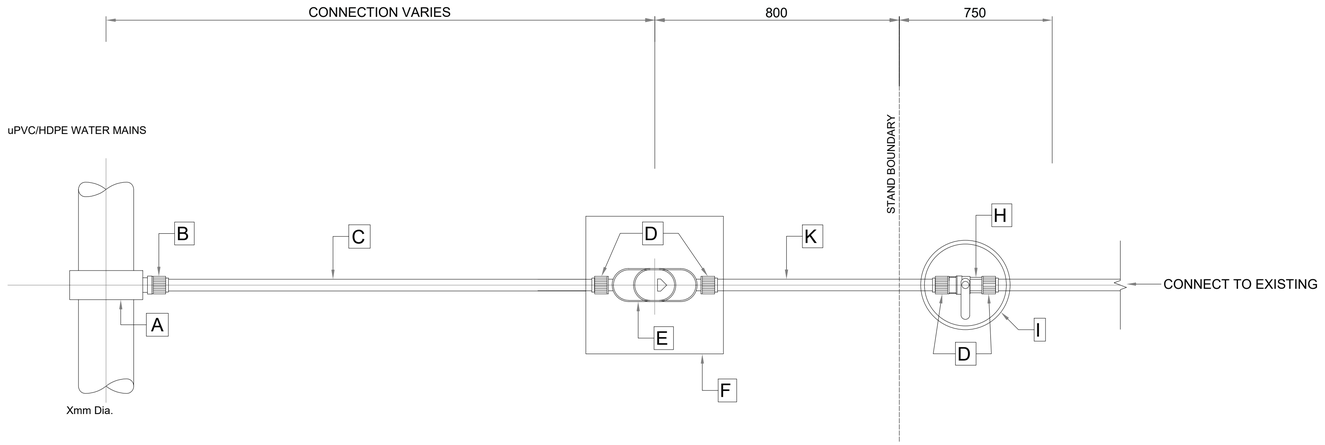
1. THIS METER CONNECTION TO BE MEASURED AS A UNIT
2. ONLY HEMP & PIPE THREAD SEALING TAPE IS TO BE USED ON THREADED JOINTS
3. ROAD CROSSING, PIPE AT LEAST 1200MM BELOW SURFACE OF ROAD
4. GRAVEL ROAD: LAYERWORKS COMPACTION IN 300MM LAYERS
5. TARRED OR SEALED ROADS: ONLY DRILLING ALOWED
6. ANY DEVIATION FROM THIS STANDARD LAYOUT TO BE APPROVED BY ENGINEER

TYPICAL ABOVE GROUND DOMESTIC METER DETAIL



SECTION : HOUSE CONNECTION

N.T.S.



PLAN : HOUSE CONNECTION

N.T.S.

GENERAL NOTES:

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

FOR APPROVAL

No.	DESCRIPTION / REVISIONS	DATE
00	ISSUED FOR CONSTRUCTION	

TRANSNET national ports authority

PROJECT / AREA / ASSET / SUBJECT

PORT OF DURBAN

DRAWING STANDARDS

DRAWING TITLE

INSTALLATION OF AUTOMATIC METER READERS TO ISOLATE TPT FROM TNPA WATER RETICULATION
Typical 25 - 32mm meter detail

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

PAPER SIZE	TRANSNET DRW. NO.	SHEET	REV.
A1	DH61-J-904-014-00		

CONSULTANT / CONTRACTOR DRW. NO.