

TYPICAL BULK METER DETAIL

TYPICAL DETAIL FOR METER INSTALLATIONS			
PIPE SCHEDULE AND FITTINGS - Ø50mm, Ø80mm,Ø100mm & Ø150mm WATER METER INSTALLATION			
ITEM	DIA	No OFF	DESCRIPTION
1	50,80,100,150mm	1	T FLANGED SECTION DEPENDING ON MAIN PIPE SIZE AND EXISTING PIPE MATERIAL / STEP COUPLERS
2	50,80,100,150mm	1	FLANGED STEEL PIPE 1000mm LONG WITH CENTRAL PUDDLE FLANGE (THRUST BLOCK AFTER INSPECTION)
3	50,80,100,150mm	2	RESILIENT SEAL NON RISING SPINDLE GATE VALVE, FLANGED BOTH ENDS.
4	50,80,100,150mm	2	2000mm LONG FLANGED STEEL PIPE, WITH LONG 90 DEG. BENDS BEFORE FLANGES (POWDER COATED)
5	50,80,100,150mm	1	IN LINE STRAINER, FLANGED BOTH ENDS, FACING SIDEWAY
6	50,80,100,150mm	3	STEEL FLANGED DISTANCE PIPE, LENGTH + 5xDia (Min 250mm)
7	50,80,100,150mm	1	WATER METER COMPATABLE WITH AMR TECHNOLOGY FLANGED BOTH ENDS OR SIMILAR APPROVED
8	50,80,100,150mm	1	250mm STEEL FLANGED DISTANCE PIECE
9	50,80,100,150mm	1	SWING CHECK VALVE, FLANGED BOTH ENDS
10	50,80,100,150mm	1	FLANGED STEEL PIPE 1000mm LONG WITH CENTRAL PUDDLE FLANGE (THRUST BLOCK AFTER INSPECTION)
11	50,80,100,150mm	2	VALVE BOXES WITH BLUE LID, WITH 160mm uPVC PIPE OVER VALVE

NOTES:

- 1. ALL FLANGES TO TABLE 1600/3

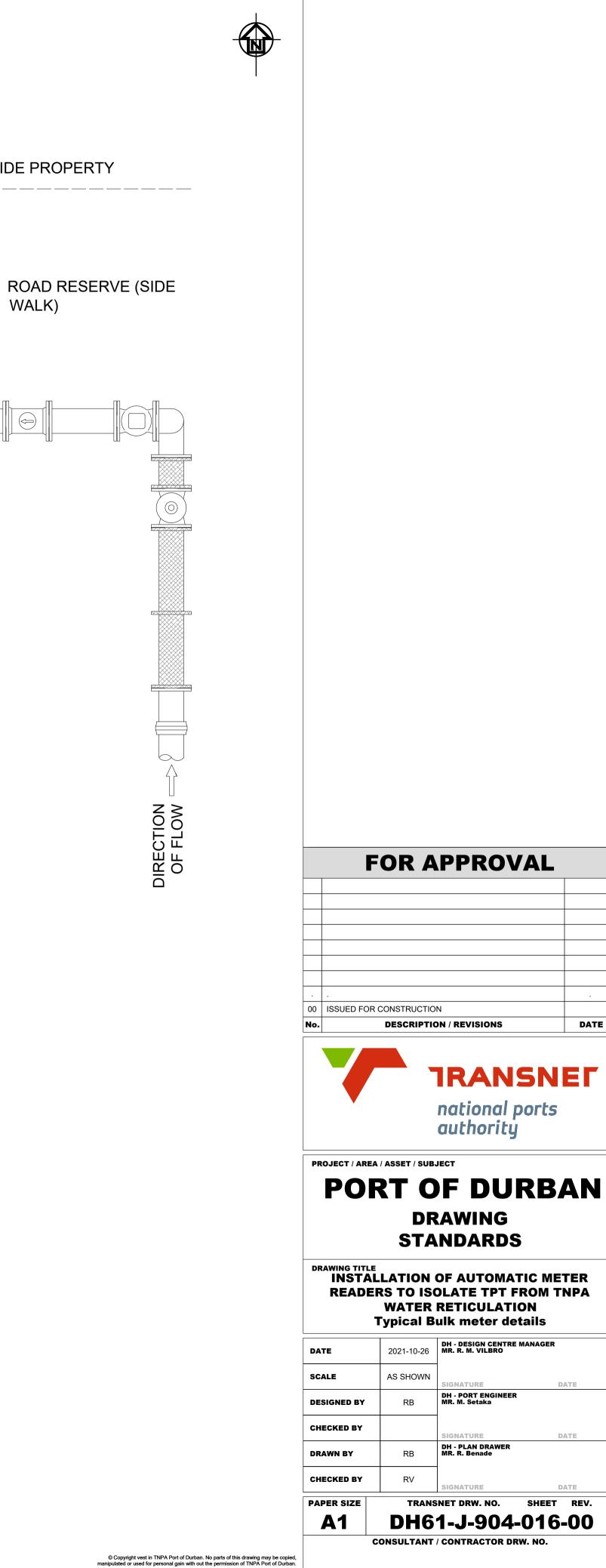
- 50 TO 100 MICRON.

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).

SECTION: METER, STRAINER AND VALVE ASSEMBLY

SCALE 1:20

2. ALL DIMENSIONS TO BE CHECKED BEFORE MANUFACTURE/FITTING. 3. ALL PIPES AND FITTINGS TO HAVE MINIMUM WORKING PRESSURE OF 16 BAR. 4. ALL BURRIED MILD STEEL PIPES, FLANGES AND COUPLINGS MUST BE CORROSION PROTECTED USING DENSO PRODUCTS. 5. ALL PIPES TO BE FUSION BONDED EPOXY POWDER COATED (BLUE) TO SANS 1217:1986 TYPE 2 DRY FILM THICKNESS (DFT):300 TO 500 MICRON WITH POLYURETHANE COATING TO SANS 1578 ON G.I. TO DRY FILM THICKNESS OF



DATE