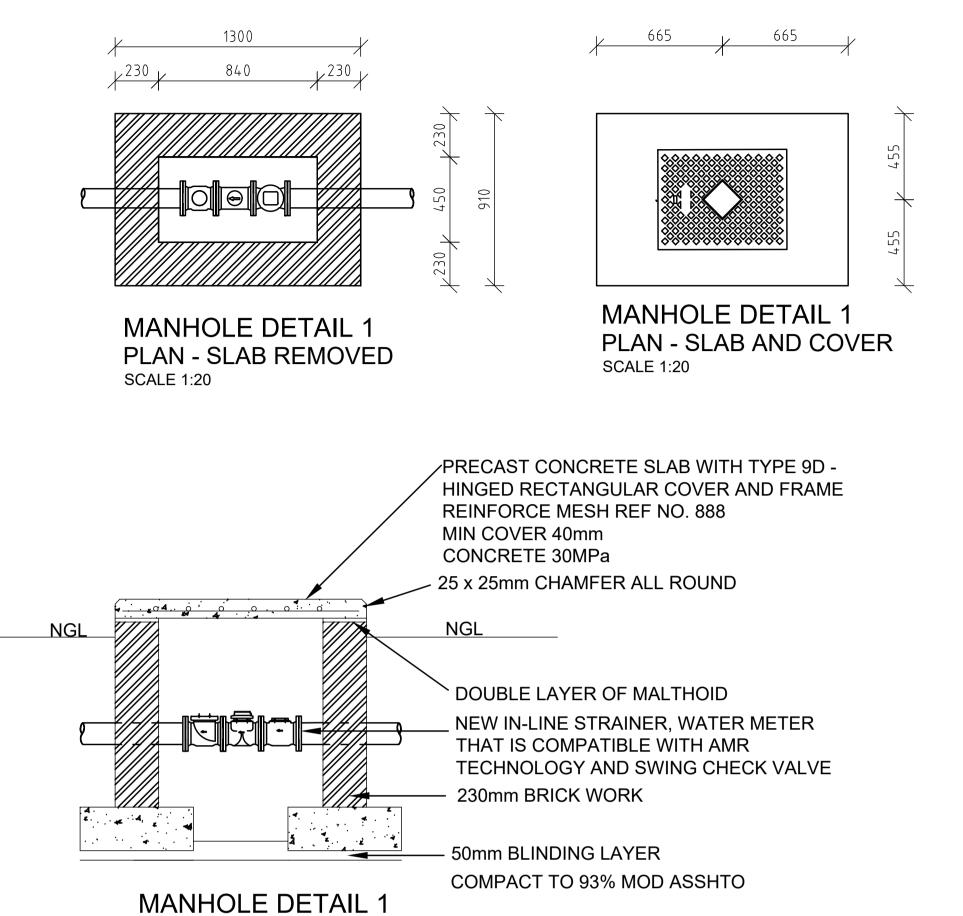


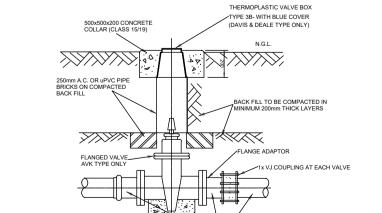
50mm - 19mm STONE

- 50mm BLINDING LAYER

COMPACT TO 93% MOD ASSHTO

PRECAST CONCRETE SLAB WITH TYPE 2A CIRCULAR





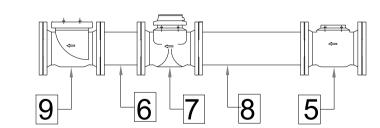
MANHOLE DETAIL 2

SECTION

SCALE 1:20

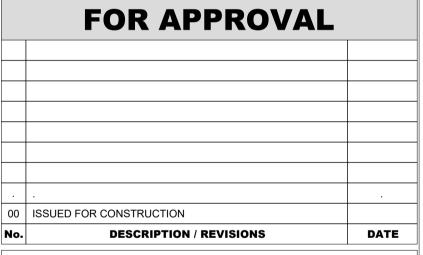
TYPICAL DETAIL: VALVE WITH VALVE BOX
FOR VALVES 200mm DIAMETER AND SMALLER.

NON-RETURN VALVE CHAMBER SCALE 1:20



SECTION SCALE 1:20

BULK METER DIMENSIONS									
WATER METER SIZE	CLEARANCE PIPE		CLEARANCE STEEL PIPE (8)	WATER METER	CLEARANCE STEEL PIPE	SWING CHECK VALVE	CLEARANCE PIPE	Total lenght for manholes	
50mm	250mm	200mm	300mm	200mm	300mm	200mm	250mm	1700mm	
80mm	250mm	250mm	300mm	200mm	300mm	250mm	250mm	1800mm	
100mm	250mm	250mm	300mm	250mm	300mm	250mm	250mm	1850mm	
150mm	250mm	300mm	300mm	300mm	300mm	300mm	250mm	2000mm	





PROJECT / AREA / ASSET / SUBJECT

PORT OF DURBAN

DRAWING STANDARDS

INSTALLATION OF AUTOMATIC METER READERS TO ISOLATE TPT FROM TNPA WATER RETICULATION Manholes & Covers

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. Setaka		
CHECKED BY		SIGNATURE DATE		
DRAWN BY	RB	DH - PLAN DRAWER MR. R. Benade		
CHECKED BY	RV	SIGNATURE DATE		

A1 DH61-J-904-017-00 CONSULTANT / CONTRACTOR DRW. NO.