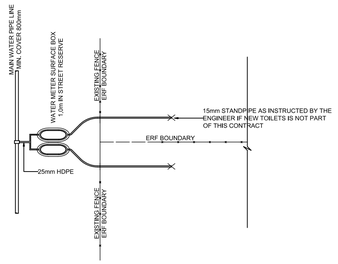
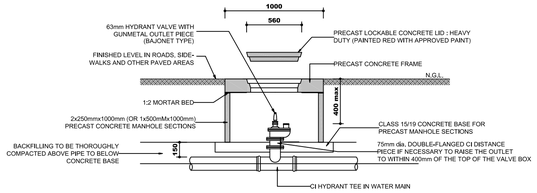


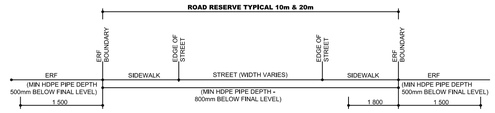
VALVE
N.T.S

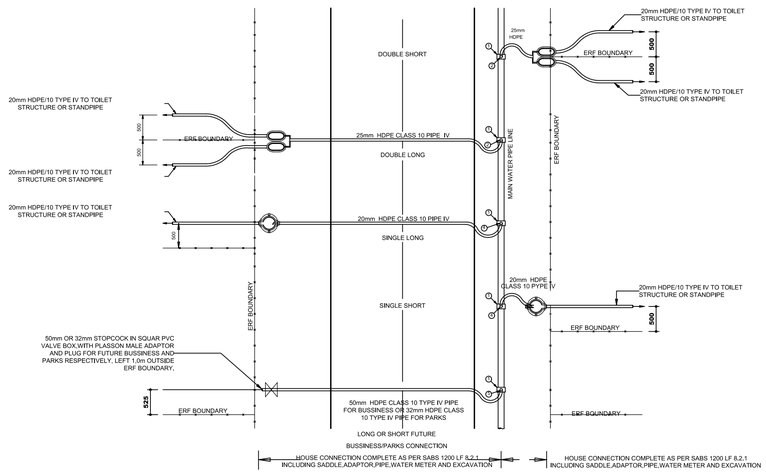


TYPICAL ERF CONNECTION TO MAIN WATER PIPE LINE
N.T.S.



FIRE HYDRANT
N.T.S





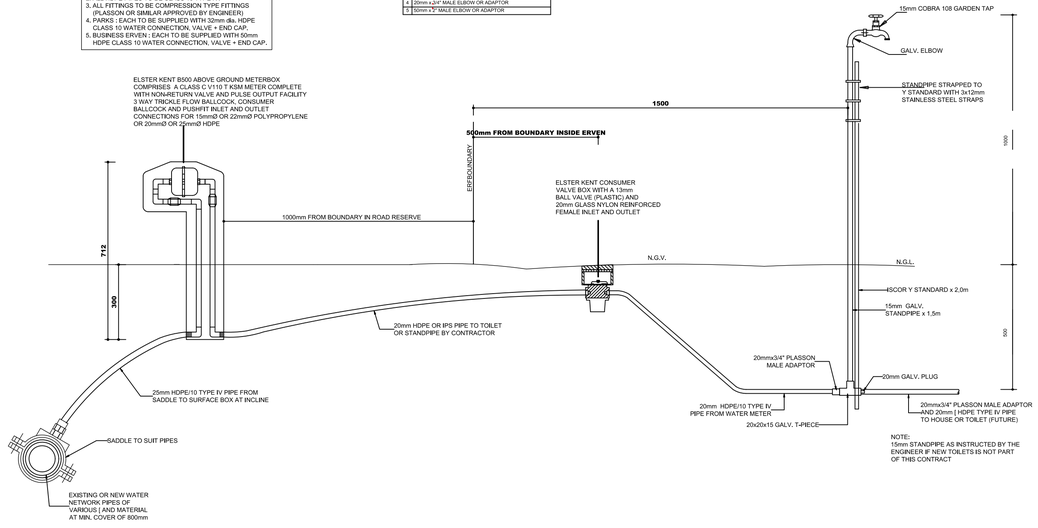
TYPICAL LAYOUT OF FOUR BASIC TYPES OF
ERF CONNECTIONS FROM MAIN WATER PIPE LINE

LEGEND	
	Existing PVC Water Pipeline
	Existing ASBESTOS Water Pipeline
	Powerline
	Existing Asbestos Pipeline
	50mm Water Pipeline
	Sewer Line
	New house connection
	HDPE PE 100 PN 16 PIPE WITH CONTINUOUS WELDS WITH CONTROL VALVE

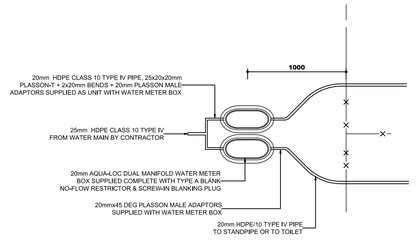
NOTES

1. A LONG AND SHORT CONNECTION CAN SHARE A SADDLE IF ERF BOUNDARIES ON OPPOSITE SIDES OF STREET IS NO FURTHER THAN 4,0m APART.
2. ALL HDPE PIPES TO BE CLASS 10 TYPE IV.
3. ALL FITTINGS TO BE COMPRESSION TYPE FITTINGS (PLASSON OR SIMILAR APPROVED BY ENGINEER)
4. PARKS : EACH TO BE SUPPLIED WITH 32mm dia. HDPE CLASS 10 WATER CONNECTION, VALVE + END CAP.
5. BUSINESS ERVEN : EACH TO BE SUPPLIED WITH 50mm HDPE CLASS 10 WATER CONNECTION, VALVE + END CAP.

COUPLINGS	
1	POLYPROPYLENE SADDLE TO FIT MAIN PIPE 1" FEMALE THREAD FOR TWO SITES 3/4" FEMALE THREAD FOR SINGLE CONNECTION
2	25mm x 1" MALE ELBOW OR ADAPTOR
3	25mm x 20mm REDUCING TEE
4	20mm x 3/4" MALE ELBOW OR ADAPTOR
5	50mm x 5" MALE ELBOW OR ADAPTOR



TYPICAL SECTION THROUGH
ELSTER KENT WATER METER AND STANDPIPE
N.T.S.



PLAN OF ELSTER KENT WATER METER BOX
N.T.S.

WATER DETAILS

For Tender Purpose Only

AMENDMENDS

No	Date	By	

Client:
TSWELOPELE LOCAL MUNICIPALITY

Project:
THE REPLACEMENT OF OLD ASBESTOS PIPELINE AND ACCOMPANYING APPURTENANCES IN PHAHAMENG (BULTFONTEIN)

Drawing:
WATER DETAILS

Date:	Scale:
JUNE 2026	AS SHOWN

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Drawn By:		SM	
Checked By:		PR	
Drawing No.	PRDC-26-07-02-10		
Contract No.	PRDC-26-07		