

LEGEND

- EXISTING BULK MAINS
 - FUTURE PUMPING MAIN
 - NEW RESERVOIRS
 - PROPOSED RESERVOIRS
 - EXISTING RESERVOIRS
 - ⊠ BOREHOLES
 - PROPOSED NEW LINES
 - EXISTING PIPES
 - EXISTING ROADS
 - ⊗ ISOLATION VALVES
-
- ⊗ AIR VALVE
 - ⊗ DOUBLE VALVE
 - ⊗ REDUCING VALVE
 - ⊗ NON RETURN VALVE
 - ⊗ METER VALVE
 - ⊗ FIRE HYDRANT VALVE
 - ⊗ SLUICE VALVE
 - ⊗ WASHOUT VALVE
 - ⊗ WASHOUT HYDRANT
 - ⊗ WASHOUT

- NOTES**
1. ALL WORKS AS PER THE LATEST RELEVANT SABS STANDARDS, CODES OF PRACTICE AND LEGISLATION.
 2. THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON THE BEST AVAILABLE INFORMATION BUT THE POSITION MUST BE REGARDED AS APPROXIMATE.
 3. THE ACTUAL POSITION OF ALL APPARATUS MUST BE ESTABLISHED ON SITE BEFORE ANY MECHANICAL PLANT IS USED.
 4. NO LIABILITY WHATSOEVER IS ACCEPTED FOR ANY ERROR OR OMISSION.
 5. SLUICE VALVES AS PER STANDARD DRAWING.
 6. AIR VALVES AS PER STANDARD DRAWING.
 7. WASHOUTS AS PER STANDARD DRAWING.
 8. THRUST BLOCKS AS PER STANDARD DRAWING.

REV	DATE	REVISION	DETAILS	STAT	CHK	APP
D	DATE_D	REVISION_D		ST_D	CK_D	APP_
C	DATE_C	REVISION_C		ST_C	CK_C	APP_
B	DATE_B	REVISION_B		ST_B	CK_B	APP_
A	DATE_A	REVISION_A		ST_A	CK_A	APP_

POLOKWANE MUNICIPALITY
 P.O. BOX 111
 POLOKWANE, 0700
 Tel: 015 290 2000

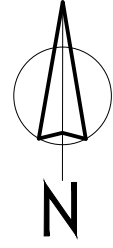
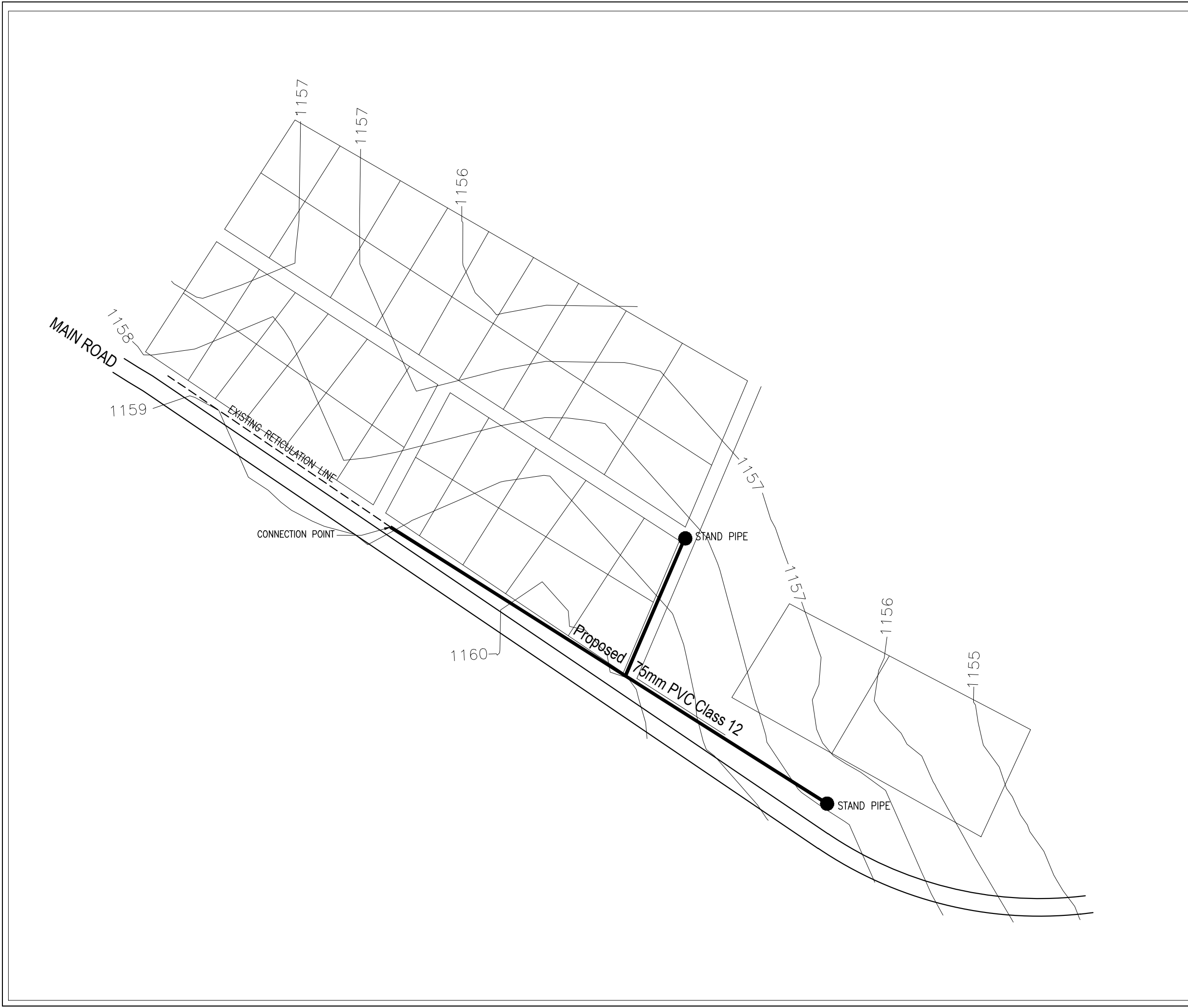
60 MAGAZYN,
 Polokwane, 0700
 Tel: 015 295 5750 Fax: 086 514 8513

PROJECT TITLE
 MOLETJE EAST REGIONAL WATER SCHEME

DRAWING TITLE
 WATER SCHEME LAYOUT

DES'D: CPM	DATE: 29.06.13	DRAWN: MM	DATE: 01.07.13
CHK'D: MM	DATE: 02.07.13	APP'D: LK_PRENG	DATE: 03.07.13

DRAWING No.	REV.	STAT.
WAT-W013/2014/13-PLK-02	REV	STA



LEGEND

NOTES

1. ALL WORKS AS PER THE LATEST RELEVANT SABS STANDARDS, CODES OF PRACTICE AND LEGISLATION.
2. THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON THE BEST AVAILABLE INFORMATION BUT THE POSITION MUST BE REGARDED AS APPROXIMATE.
3. THE ACTUAL POSITION OF ALL APPARATUS MUST BE ESTABLISHED ON SITE BEFORE ANY MECHANICAL PLANT IS USED.
4. NO LIABILITY WHATSOEVER IS ACCEPTED FOR ANY ERROR OR OMISSION.
5. SLUICE VALVES AS PER STANDARD DRAWING.
6. AIR VALVES AS PER STANDARD DRAWING.
7. WASHOUTS AS PER STANDARD DRAWINGS.
8. THRUST BLOCKS AS PER STANDARD DRAWING.

A	DATE_A	REVISION_A	ST_A	CK_A	APP_A
REV	DATE	DETAILS	STAT	CHK	APP

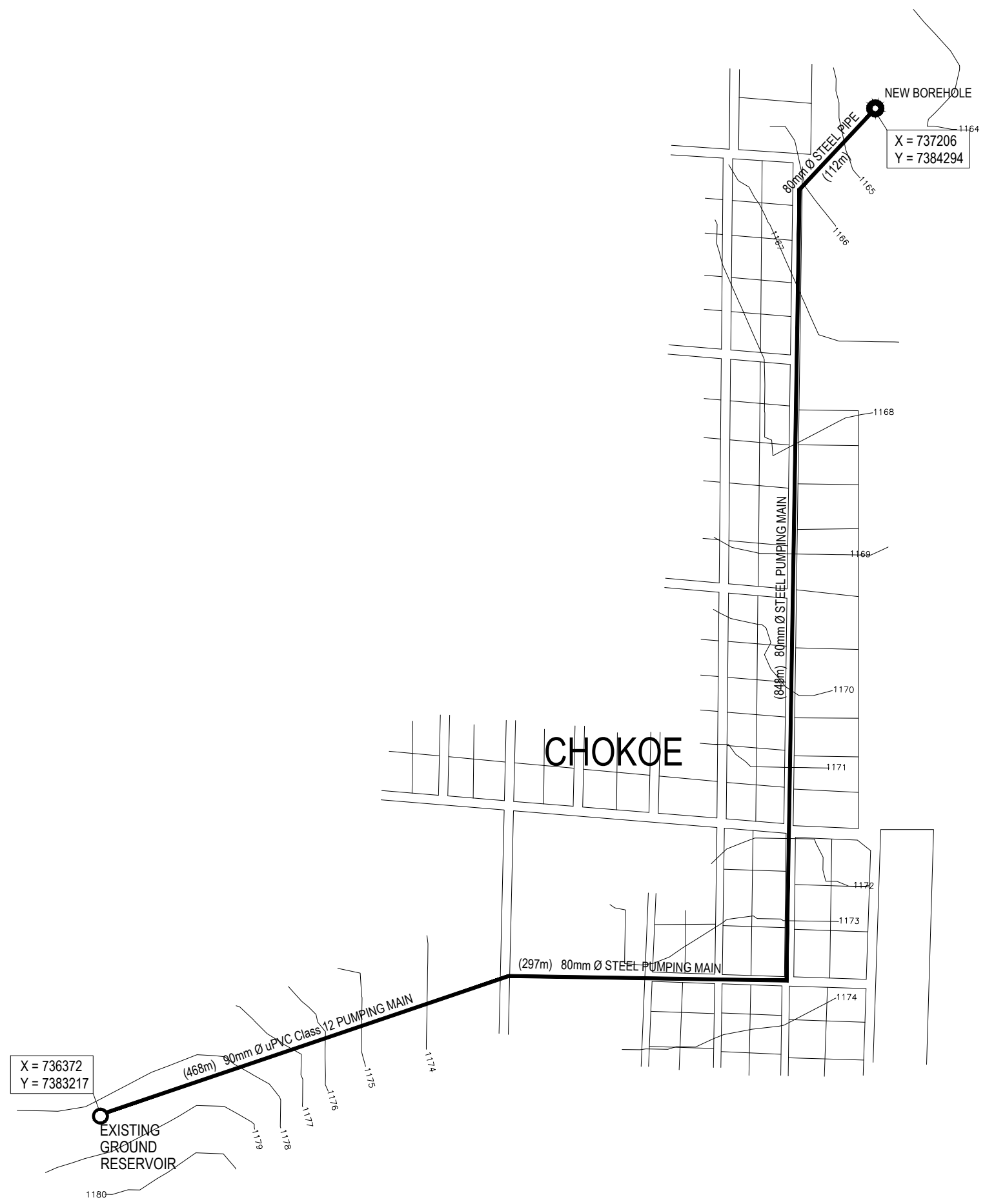

POLOKWANE MUNICIPALITY
 P.O. BOX 111,
 POLOKWANE, 0700
 Tel: 015 290 2000


SUPERIOR
 ENGINEERING
 60 MACAZYN,
 Polokwane, 0700
 Tel: 015 295 5750 Fax: 086 514 8513

PROJECT TITLE
MOLETJE EAST REGIONAL WATER SCHEME

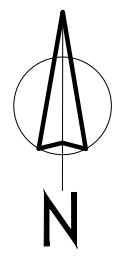
DRAWING TITLE
MASHITA VILLAGE RETICULATION

DES'D: CPM	DATE: 29.03.16	DRAWN: MM	DATE: 30.03.16
CHK'D: CPM	DATE: 01.04.16	APP'D: DD	DATE:
SCALE: N.T.S.			
DRAWING No. 100/2016/W/030			REV. STAT.
			REV



X = 736372
Y = 7383217

X = 737206
Y = 7384294



LEGEND

- PROPOSED PUMPING MAIN
- EXISTING BOREHOLE
- NEW BOREHOLE
- EXISTING GROUND RESERVOIR

NOTES

1. ALL WORKS AS PER THE LATEST RELEVANT SABS STANDARDS, CODES OF PRACTICE AND LEGISLATION.
2. THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON THE BEST AVAILABLE INFORMATION BUT THE POSITION MUST BE REGARDED AS APPROXIMATE.
3. THE ACTUAL POSITION OF ALL APPARATUS MUST BE ESTABLISHED ON SITE BEFORE ANY MECHANICAL PLANT IS USED.
4. NO LIABILITY WHATSOEVER IS ACCEPTED FOR ANY ERROR OR OMISSION.
5. SLUICE VALVES AS PER STANDARD DRAWING.
6. AIR VALVES AS PER STANDARD DRAWING.
7. WASHOUTS AS PER STANDARD DRAWINGS.
8. THRUST BLOCKS AS PER STANDARD DRAWING.

A	DATE_A	REVISION_A	ST_A	CK_A	APP_A
REV	DATE	DETAILS	STAT	CHK	APP

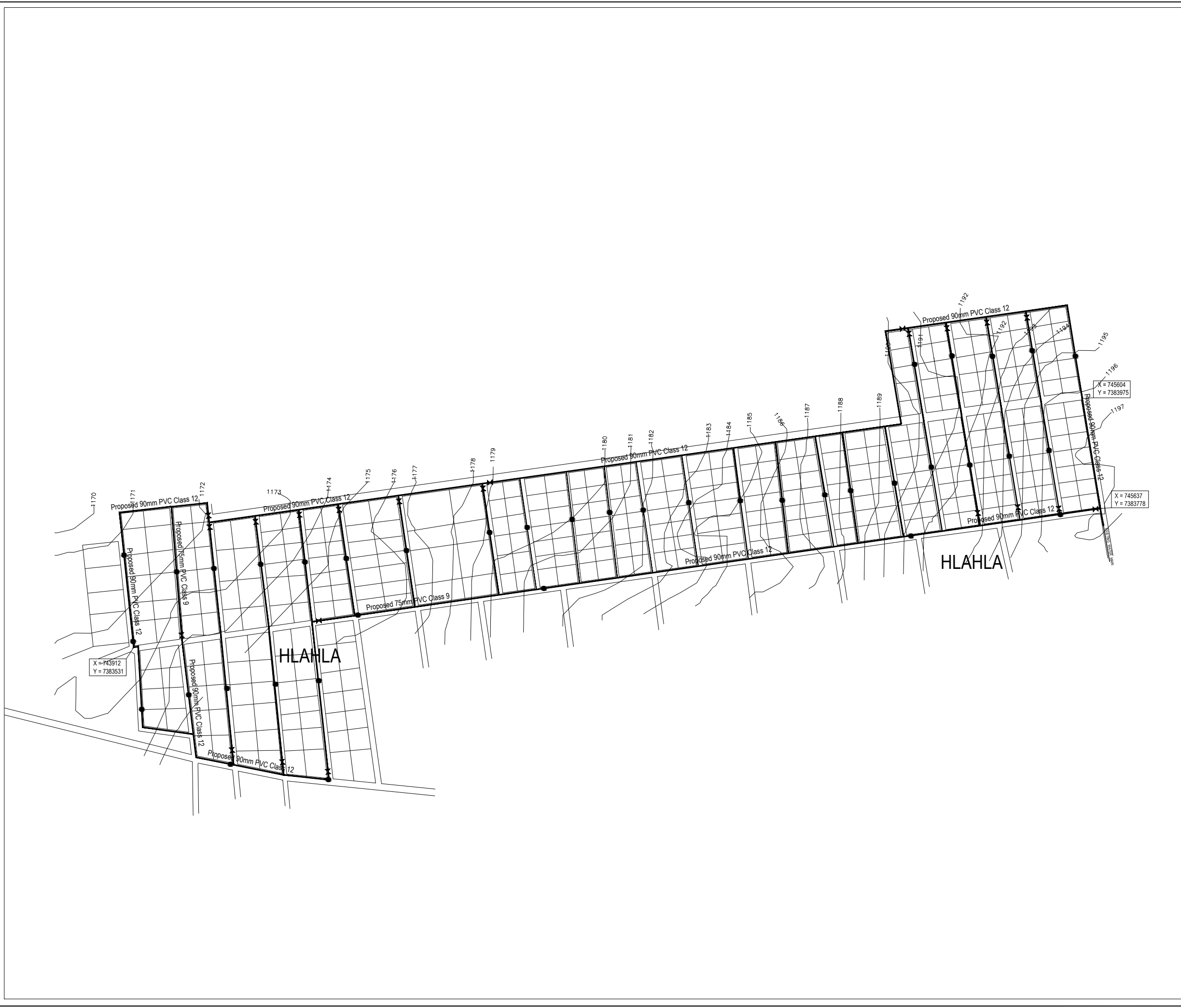
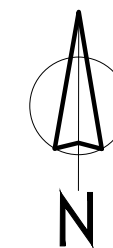
POLOKWANE MUNICIPALITY
 P.O. BOX 111,
 POLOKWANE, 0700
 Tel: 015 290 2000

SUPERIOR
 60 MACAZYN,
 Polokwane, 0700
 Tel: 015 295 5750 Fax: 086 514 8513

PROJECT TITLE
MOLETJE EAST REGIONAL WATER SCHEME

DRAWING TITLE
CHOKOE VILLAGE PUMPING MAIN

DES'D: CPM	DATE: 29.03.16	DRAWN: MM	DATE: 30.03.16
CHK'D: CPM	DATE: 01.04.16	APP'D: DD	DATE:
SCALE: N.T.S.			
DRAWING No. 100/2016/W/025			REV. STAT.



LEGEND

	PROPOSED WATER RETICULATION LINE WITH STAND PIPES
	EXISTING WATER MAIN

- NOTES**
1. ALL WORKS AS PER THE LATEST RELEVANT SABS STANDARDS, CODES OF PRACTICE AND LEGISLATION.
 2. THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON THE BEST AVAILABLE INFORMATION BUT THE POSITION MUST BE REGARDED AS APPROXIMATE.
 3. THE ACTUAL POSITION OF ALL APPARATUS MUST BE ESTABLISHED ON SITE BEFORE ANY MECHANICAL PLANT IS USED.
 4. NO LIABILITY WHATSOEVER IS ACCEPTED FOR ANY ERROR OR OMISSION.
 5. SLUICE VALVES AS PER STANDARD DRAWING.
 6. AIR VALVES AS PER STANDARD DRAWING.
 7. WASHOUTS AS PER STANDARD DRAWINGS.
 8. THRUST BLOCKS AS PER STANDARD DRAWING.

A	DATE_A	REVISION_A	ST_A	CK_A	APP_A
REV	DATE	DETAILS	STAT	CHK	APP


POLOKWANE MUNICIPALITY
 P.O. BOX 111,
 POLOKWANE, 0700
 Tel: 015 290 2000


SUPERIOR
 ENGINEERING
 60 MACAZYN,
 Polokwane, 0700
 Tel: 015 295 5750 Fax: 086 514 8513

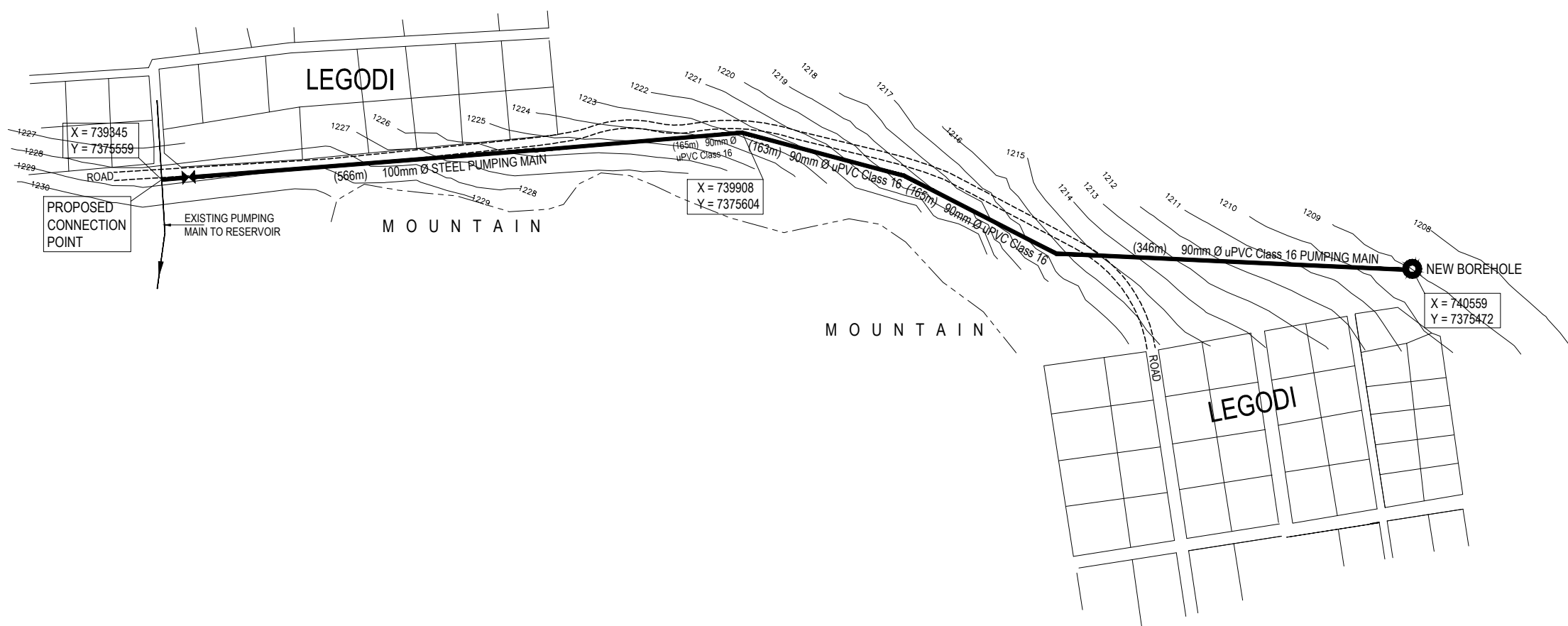
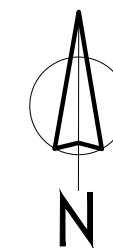
PROJECT TITLE

MOLETJE EAST REGIONAL WATER SCHEME

DRAWING TITLE

HLAHLA VILLAGE WATER RETICULATION

DES'D: CPM	DATE: 29.03.16	DRAWN: MM	DATE: 04.04.16
CHK'D: CPM	DATE: 05.04.16	APP'D: DD	DATE:
SCALE: N.T.S.			
DRAWING No. 100/2016/W/029			REV. STAT.



LEGEND

- PROPOSED PUMPING MAIN
- EXISTING PUMPING MAIN
- EXISTING BOREHOLE
- NEW BOREHOLE

NOTES

1. ALL WORKS AS PER THE LATEST RELEVANT SABS STANDARDS, CODES OF PRACTICE AND LEGISLATION.
2. THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON THE BEST AVAILABLE INFORMATION BUT THE POSITION MUST BE REGARDED AS APPROXIMATE.
3. THE ACTUAL POSITION OF ALL APPARATUS MUST BE ESTABLISHED ON SITE BEFORE ANY MECHANICAL PLANT IS USED.
4. NO LIABILITY WHATSOEVER IS ACCEPTED FOR ANY ERROR OR OMISSION.
5. SLUICE VALVES AS PER STANDARD DRAWING.
6. AIR VALVES AS PER STANDARD DRAWING.
7. WASHOUTS AS PER STANDARD DRAWINGS.
8. THRUST BLOCKS AS PER STANDARD DRAWING.

A	DATE_A	REVISION_A	ST_A	CK_A	APP_A
REV	DATE	DETAILS	STAT	CHK	APP

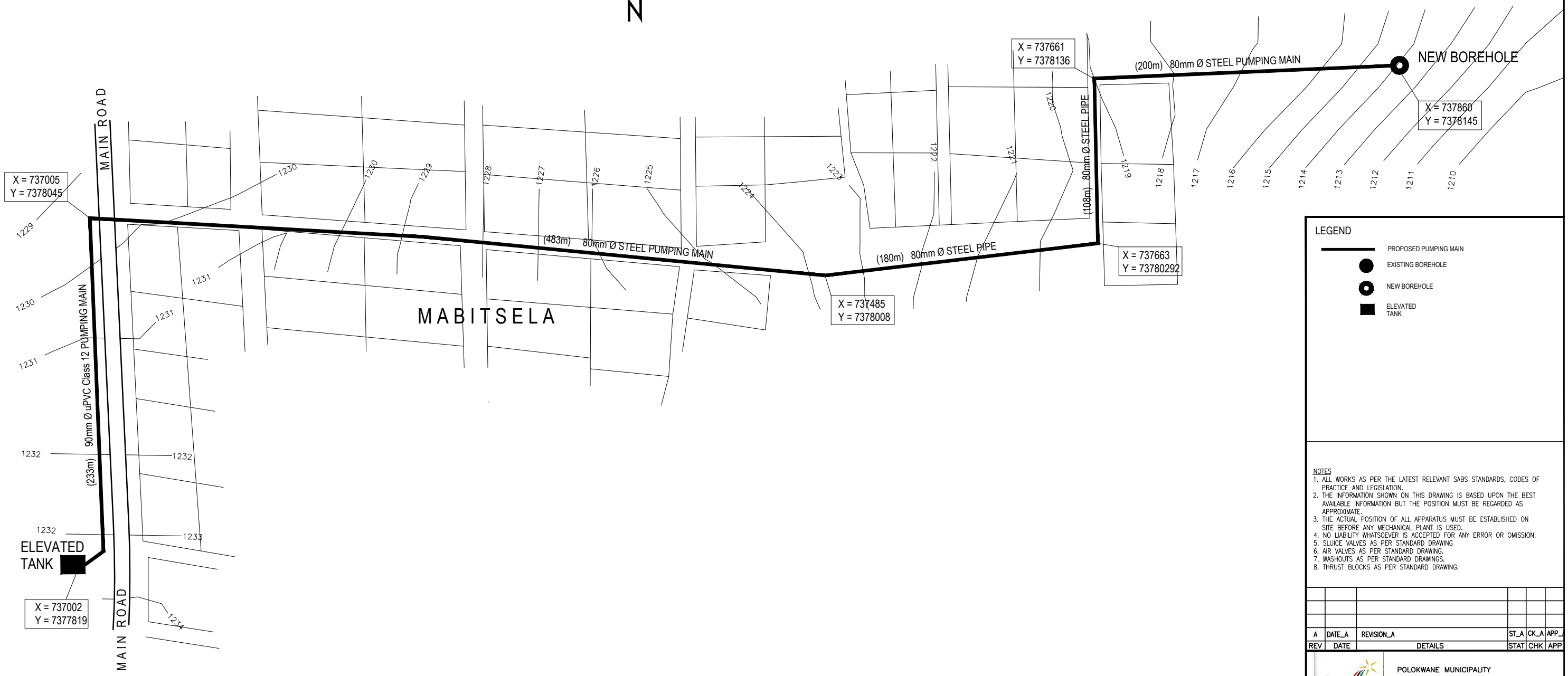
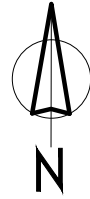
POLOKWANE MUNICIPALITY
 P.O. BOX 111,
 POLOKWANE, 0700
 Tel: 015 290 2000

SUPERIOR
 60 MACAZYN,
 Polokwane, 0700
 Tel: 015 295 5750 Fax: 086 514 8513

PROJECT TITLE
 MOLETJE EAST REGIONAL WATER SCHEME

DRAWING TITLE
 LEGODI VILLAGE PUMPING MAIN

DES'D: CPM	DATE: 29.03.16	DRAWN: MM	DATE: 30.03.16
CHK'D: CPM	DATE: 01.04.16	APP'D: DD	DATE:
SCALE: N.T.S.			
DRAWING No. 100/2016/W/021			REV. STAT.



MABITSELA

LEGEND

- PROPOSED PUMPING MAIN
- EXISTING BOREHOLE
- NEW BOREHOLE
- ELEVATED TANK

- NOTES**
1. ALL WORKS AS PER THE LATEST RELEVANT SABS STANDARDS, CODES OF PRACTICE AND LEGISLATION.
 2. THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON THE BEST AVAILABLE INFORMATION BUT THE POSITION MUST BE REGARDED AS APPROXIMATE.
 3. THE ACTUAL POSITION OF ALL APPARATUS MUST BE ESTABLISHED ON SITE BEFORE ANY MECHANICAL PLANT IS USED.
 4. NO LIABILITY WHATSOEVER IS ACCEPTED FOR ANY ERROR OR OMISSION.
 5. SLUICE VALVES AS PER STANDARD DRAWING.
 6. AIR VALVES AS PER STANDARD DRAWING.
 7. WASHOUTS AS PER STANDARD DRAWINGS.
 8. THRUST BLOCKS AS PER STANDARD DRAWING.

A	DATE_A	REVISION_A	ST_A	CK_A	APP_A
REV	DATE	DETAILS	STAT	CHK	APP

POLOKWANE MUNICIPALITY
 P.O. BOX 111,
 POLOKWANE, 0700
 Tel: 015 290 2000

SUPERIOR
 60 MGAZYN,
 Polokwane, 0700
 Tel: 015 295 5750 Fax: 086 514 8513

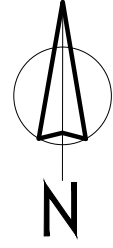
PROJECT TITLE

MOLETJE EAST REGIONAL WATER SCHEME

DRAWING TITLE

MABITSELA VILLAGE PUMPING MAIN

DES'D: CPM	DATE: 29.03.16	DRAWN: MM	DATE: 30.03.16
CHK'D: CPM	DATE: 01.04.16	APP'D: DD	DATE:
SCALE: N.T.S.			
DRAWING No. 100/2016/W/022			REV. STAT. REV



LEGEND

	PROPOSED WATER RETICULATION LINE WITH STAND PIPES
	EXISTING WATER MAIN

- NOTES**
1. ALL WORKS AS PER THE LATEST RELEVANT SABS STANDARDS, CODES OF PRACTICE AND LEGISLATION.
 2. THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON THE BEST AVAILABLE INFORMATION BUT THE POSITION MUST BE REGARDED AS APPROXIMATE.
 3. THE ACTUAL POSITION OF ALL APPARATUS MUST BE ESTABLISHED ON SITE BEFORE ANY MECHANICAL PLANT IS USED.
 4. NO LIABILITY WHATSOEVER IS ACCEPTED FOR ANY ERROR OR OMISSION.
 5. SLUICE VALVES AS PER STANDARD DRAWING.
 6. AIR VALVES AS PER STANDARD DRAWING.
 7. WASHOUTS AS PER STANDARD DRAWINGS.
 8. THRUST BLOCKS AS PER STANDARD DRAWING.

A	DATE_A	REVISION_A	ST_A	CK_A	APP_A
REV	DATE	DETAILS	STAT	CHK	APP


POLOKWANE MUNICIPALITY
 P.O. BOX 111,
 POLOKWANE, 0700
 Tel: 015 290 2000


SUPERIOR
 60 MAGAZYN,
 Polokwane, 0700
 Tel: 015 295 5750 Fax: 086 514 8513

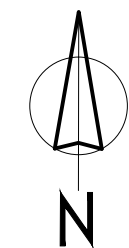
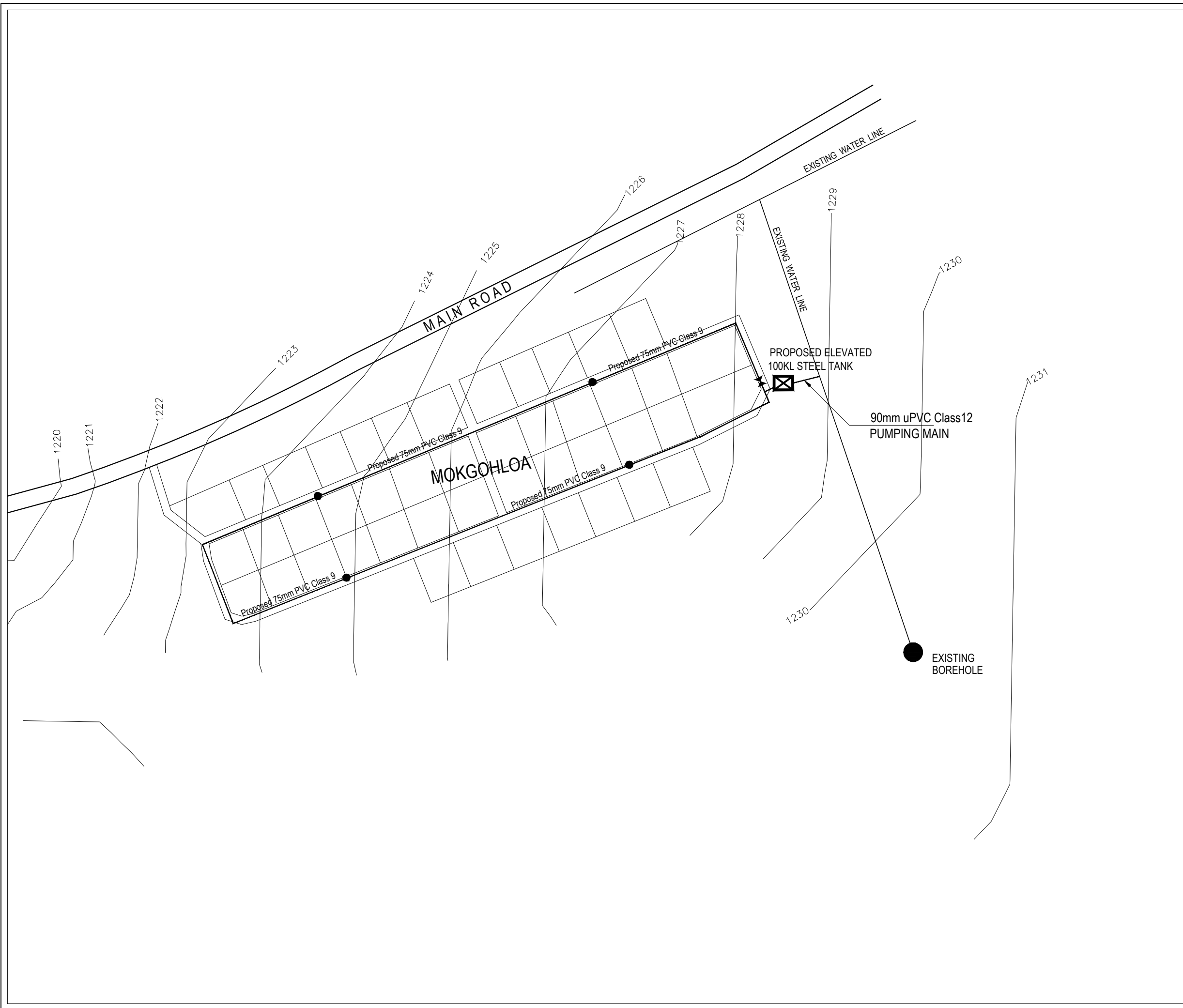
PROJECT TITLE

MOLETJE EAST REGIONAL WATER SCHEME

DRAWING TITLE

MATIKIRING VILLAGE WATER RETICULATION

DES'D: CPM	DATE: 29.03.16	DRAWN: MM	DATE: 30.03.16
CHK'D: CPM	DATE: 01.04.16	APP'D: DD	DATE:
SCALE: N.T.S.			
DRAWING No. 100/2016/W/028			REV. STAT.



LEGEND

- PROPOSED 90mm uPVC PUMPING MAIN
- EXISTING BOREHOLE
- PROPOSED 100KL ELEVATED TANK
- PROPOSED WATER RETICULATION LINE WITH STAND PIPES

NOTES

1. ALL WORKS AS PER THE LATEST RELEVANT SABS STANDARDS, CODES OF PRACTICE AND LEGISLATION.
2. THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON THE BEST AVAILABLE INFORMATION BUT THE POSITION MUST BE REGARDED AS APPROXIMATE.
3. THE ACTUAL POSITION OF ALL APPARATUS MUST BE ESTABLISHED ON SITE BEFORE ANY MECHANICAL PLANT IS USED.
4. NO LIABILITY WHATSOEVER IS ACCEPTED FOR ANY ERROR OR OMISSION.
5. SLUICE VALVES AS PER STANDARD DRAWING.
6. AIR VALVES AS PER STANDARD DRAWING.
7. WASHOUTS AS PER STANDARD DRAWINGS.
8. THRUST BLOCKS AS PER STANDARD DRAWING.

A	DATE_A	REVISION_A	ST_A	CK_A	APP_A

	<p>POLOKWANE MUNICIPALITY P.O. BOX 111, POLOKWANE, 0700 Tel: 015 290 2000</p>
--	---

	<p>SUPERIOR 60 MACAZYN, Polokwane, 0700 Tel: 015 295 5750 Fax: 086 514 8513</p>
--	---

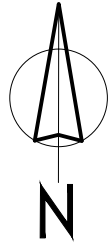
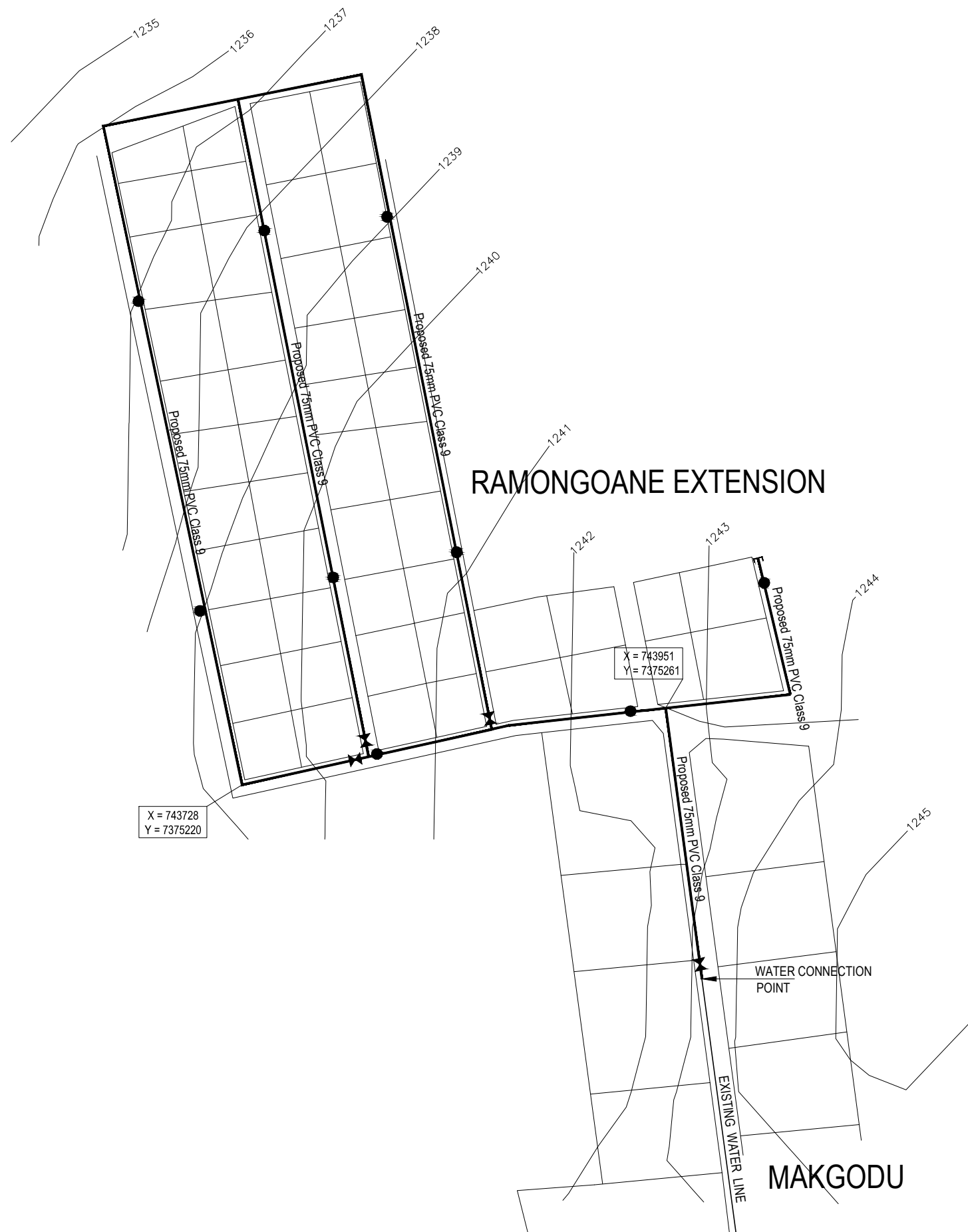
PROJECT TITLE

MOLETJE EAST REGIONAL WATER SCHEME

DRAWING TITLE

MOKGOHLOA VILLAGE PUMPING MAIN AND WATER RETICULATION

DES'D: CPM	DATE: 29.03.16	DRAWN: MM	DATE: 30.03.16
CHK'D: CPM	DATE: 01.04.16	APP'D: DD	DATE:
SCALE: N.T.S.			
DRAWING No. 100/2016/W/026			REV. STAT.
			REV



LEGEND

- PROPOSED WATER RETICULATION LINE WITH STAND PIPES
- EXISTING WATER MAIN

NOTES

1. ALL WORKS AS PER THE LATEST RELEVANT SABS STANDARDS, CODES OF PRACTICE AND LEGISLATION.
2. THE INFORMATION SHOWN ON THIS DRAWING IS BASED UPON THE BEST AVAILABLE INFORMATION BUT THE POSITION MUST BE REGARDED AS APPROXIMATE.
3. THE ACTUAL POSITION OF ALL APPARATUS MUST BE ESTABLISHED ON SITE BEFORE ANY MECHANICAL PLANT IS USED.
4. NO LIABILITY WHATSOEVER IS ACCEPTED FOR ANY ERROR OR OMISSION.
5. SLUICE VALVES AS PER STANDARD DRAWING.
6. AIR VALVES AS PER STANDARD DRAWING.
7. WASHOUTS AS PER STANDARD DRAWINGS.
8. THRUST BLOCKS AS PER STANDARD DRAWING.

A	DATE_A	REVISION_A	ST_A	CK_A	APP_A
REV	DATE	DETAILS	STAT	CHK	APP

POLOKWANE MUNICIPALITY
 P.O. BOX 111,
 POLOKWANE, 0700
 Tel: 015 290 2000

SUPERIOR
 60 MACAZYN,
 Polokwane, 0700
 Tel: 015 295 5750 Fax: 086 514 8513

PROJECT TITLE

MOLETJE EAST REGIONAL WATER SCHEME

DRAWING TITLE

RAMONGOANE VILLAGE WATER RETICULATION

DES'D: CPM	DATE: 29.03.16	DRAWN: MM	DATE: 30.03.16
CHK'D: CPM	DATE: 01.04.16	APP'D: DD	DATE:
SCALE: N.T.S.			
DRAWING No. 100/2016/W/027			REV. STAT.