

**TOPOGRAPHICAL SURVEY
OVER
ERF 591
HUMANSDORP
(HUMANSDORP S. S. SCHOOL)**

SITUATE IN THE KOUGA MUNICIPALITY
IN THE ADMINISTRATIVE DISTRICT OF HUMANSDORP
PROVINCE OF THE EASTERN CAPE

LEGEND

- ANCHOR STAYWIRE
- BENCHMARK
- BOTTOM BANK
- BOTTOM DRAIN
- BOTTOM OF RETAINING WALL
- CAR PORT
- CONCRETE SLAB
- DRAIN
- DRIVEWAY
- ELECTRIC LIGHT POLE
- ELECTRIC METER BOX
- FENCE
- FIRE HYDRANT
- FLAGPOLE
- GATE
- INVERT LEVEL
- MANHOLE
- PAVEMENT
- RAMP
- RAIL GUARD
- SIGN POST
- STAIRS/STEPS
- STORM WATER MANHOLE
- SUBSTATION
- SWAMP
- TOP BANK
- TOP OF RETAINING WALL
- VALVE
- WALL
- WATER TANK
- TELEPHONE LINE



SURVEY DATUM : WGS 84
 CENTRAL MERIDIAN : LONGITUDE 25° EAST
 LEVEL DATUM : MEAN SEA LEVEL
 CONTOUR INTERVAL : 0,5 METRES
 SCALE : 1 / 750
 DATE : MAY 2015
 REF : Z:/POPS/MMS/TACHE/PF665TAC



BENCH MARK CO-ORDINATES

NAME	CO-ORDINATES		
	Y	X	Z
	± 0,00	+ 3 700 000,00	
BM1	+ 23 405,25	+ 66 415,36	162,86
BM2	+ 23 283,83	+ 66 385,31	158,60
BM3	+ 23 265,69	+ 66 487,25	153,30

DESCRIPTION OF BEACONS

BM1,BM2,BM3 : 12mm Round Iron Peg in Concrete



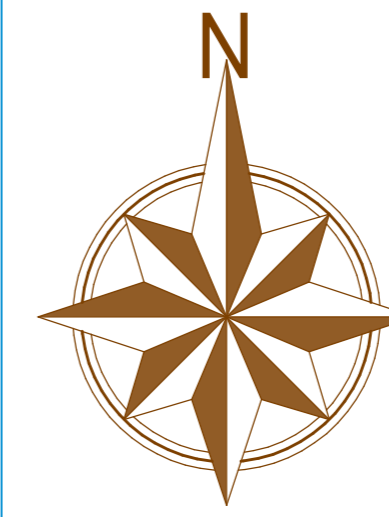
PLATO REGISTERED AND MEMBERS OF THE SOUTH AFRICAN GEOMATICS INSTITUTE
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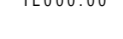









TOPOGRAPHICAL SURVEY

OVER ERF 372 KRUISFONTEIN (KRUISFONTEIN P. SCHOOL)

SITUATE IN THE KOUGA MUNICIPALITY
IN THE ADMINISTRATIVE DISTRICT OF HUMANSDORP
PROVINCE OF THE EASTERN CAPE



LEGEND

-  ANCHOR STAYWIRE
-  BOTTOM BANK
-  BOTTOM DRAIN
-  BENCHMARK
-  CONCRETE SLAB
-  DRAIN
-  DRAIN TOP
-  ELECTRIC LIGHT POLE
-  ESKOM POWERLINE
-  EDGE OF TAR
-  FENCE
-  FLAGPOLE
-  GATE
-  INVERT LEVEL
-  MANHOLE
-  NETBALL POLE
-  RESERVOIR TANK
-  RUGBY POLE
-  SIDE WALK
-  TOP BANK
-  TELKOM LINE
-  WASHING LINE
-  WATER TANK

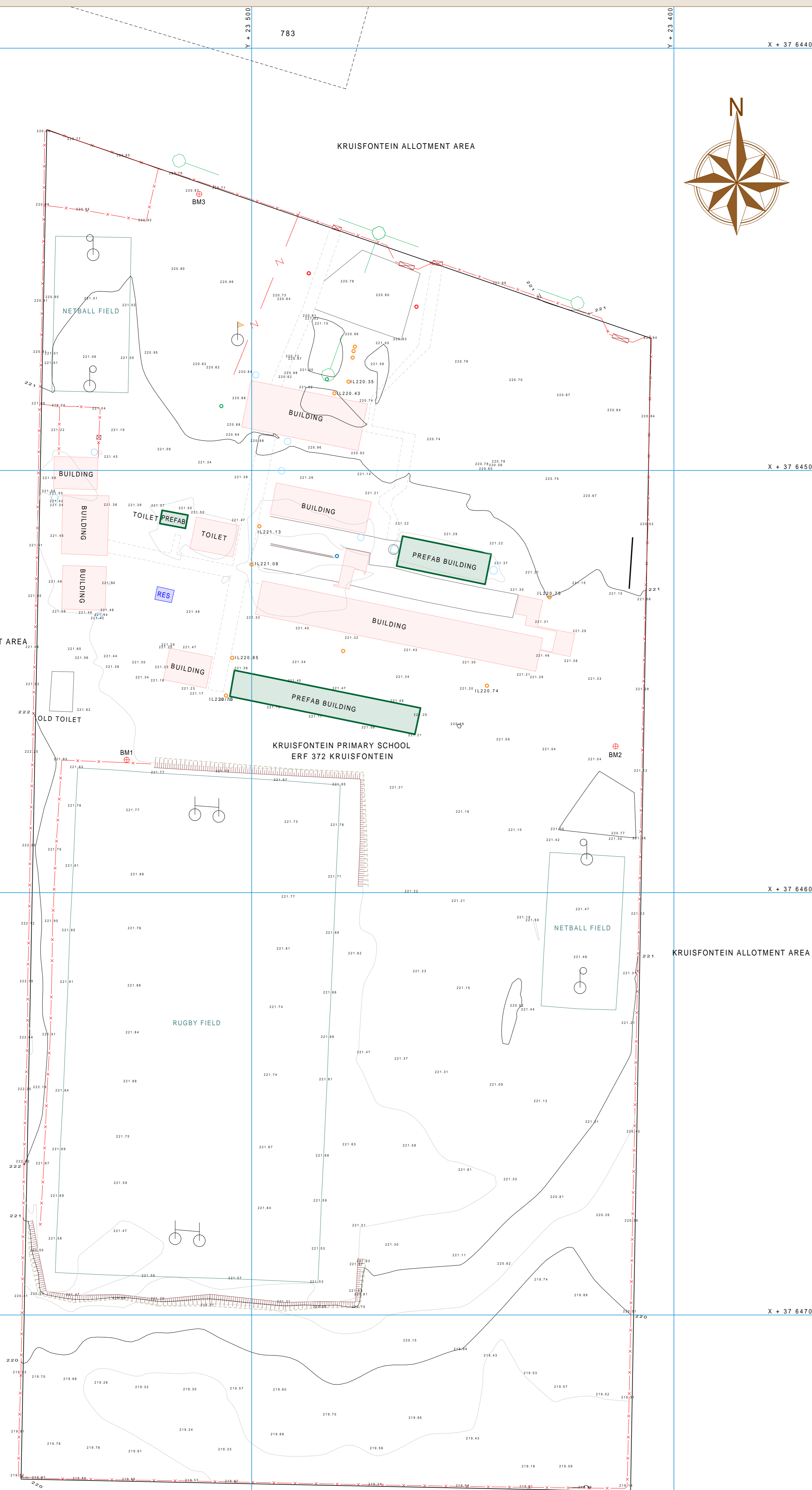
SURVEY DATUM : WGS 84
CENTRAL MERIDIAN : LONGITUDE 25° EAST
LEVEL DATUM : MEAN SEA LEVEL
CONTOUR INTERVAL : 0,5 METRES
SCALE : 1 / 500
DATE : MAY 2015
REF : Z:/POPS/MMS/TACHE/PF665TAC

BENCH MARK CO-ORDINATES

NAME	CO-ORDINATES		
	Y	System WG. 25°	X Z
	±	0,00	+ 3 700 000,00
BM1	+ 23 529,59	+ 64 568,52	221,63
BM2	+ 23 413,81	+ 64 565,34	221,20
BM3	+ 23 512,43	+ 64 434,55	220,93

DESCRIPTION OF BEACONS

BM1, BM2, BM3 : 12mm Round Iron Peg in Concrete



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