

NOTES

1. THE CONTRACTOR SHALL SUPPLY MIXED METAL OXIDE (MMO) ANODES AS ER TS002 AND BILL OF QUANTITIES
2. GROUND-BED SHALL CONSIST OF A NUMBER OF ANODES ARRANGED HORIZONTALLY WITH A SPACING OF 1000mm BETWEEN THEM. THE DEPTH OF THE ANODE TRENCH SHALL BE AT 2m FROM THE NATURAL GROUND LEVEL, THE BOTTOM PART OF THE GROUND SHALL BE FILLED WITH CALCINED PETROLEUM COKE BETWEEN DEPTH 0 TO 600mm. SELECTED BACKFILL BETWEEN 700 TO 1700mm AND VEGETABLE SOIL FROM 1700~2000mm. COMPACTION OF GROUND-BED TO BE DONE AT EVERY 200mm.
3. CONCRETE BUNKER SHALL BE INSTALLED ON TOP OF THE ANODE GROUND-BED IN THE CASE OF A DEEP WELL AND AT A POSITION INDICATED BY THE ENGINEER IN THE CASE OF A SHALLOW VERTICAL GROUND-BEDS. THE ANODE TAILS SHALL ENTER THE ANODE JUNCTION BOX VIA AN HDPE CONDUIT. THE POSITIVE CABLES FROM THE TRU-AS PER TS021-SHALL ALSO ENTER VIA AN HDPE CONDUIT. THE ANODE TAILS AND THE TRU POSITIVE CABLES SHALL BE TERMINATED ON A TINNED COPPER OR ALUMINUM BUS BAR AS PER DRAWING NUMBER 17301. THIS BUS BAR SHALL BE RATED TO 50A. THE BUS BAR SHALL BE MOUNTED INSIDE THE ENCLOSURE BY MEANS OF INSULATED STAND-OFFS

REVISIONS

No	DATE	CHECKED	APPROVED	DESCRIPTION

REFERENCE DRAWINGS

NUMBER	TITLE



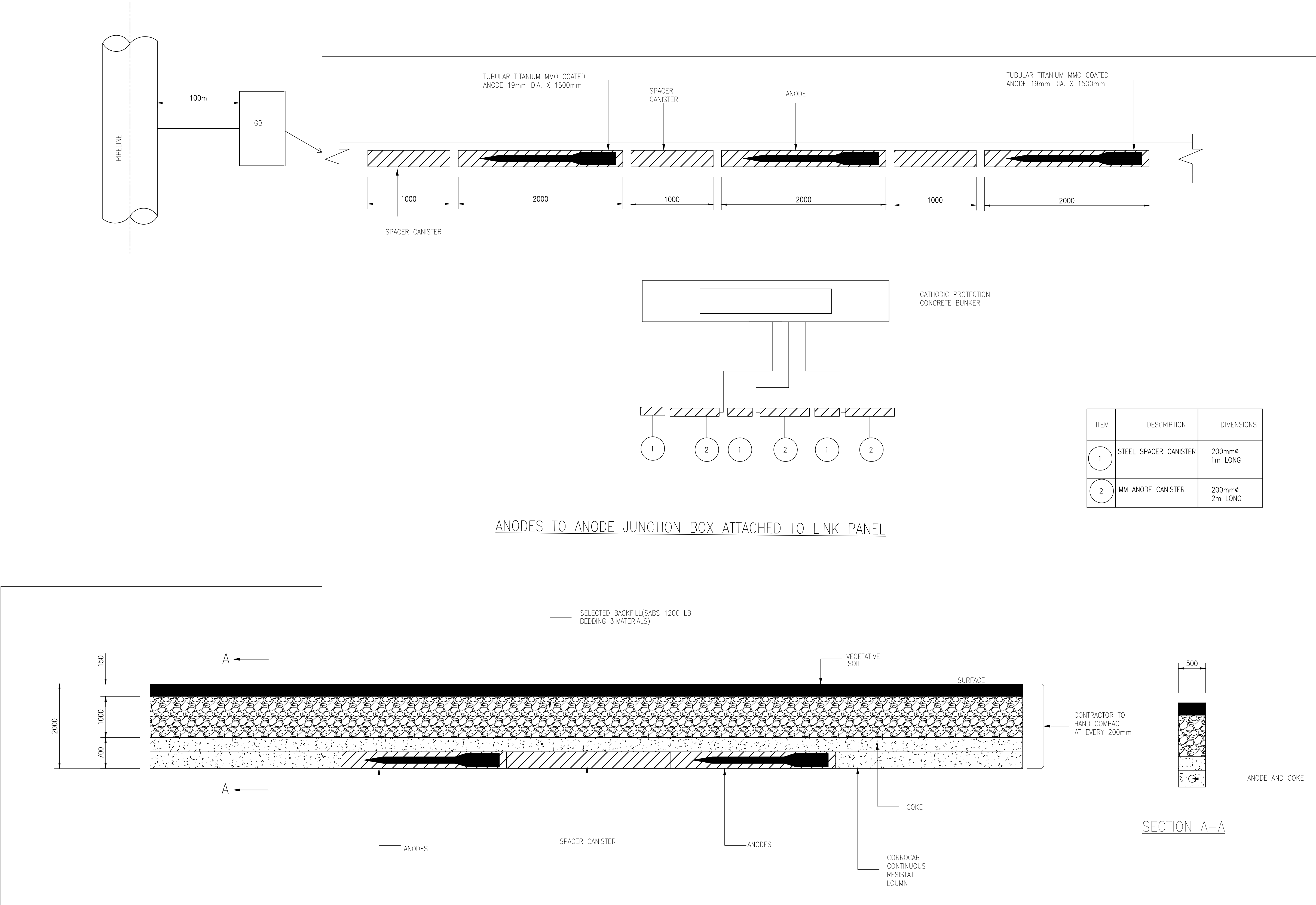
BOX 1127
JOHANNESBURG
2000
TEL: 011-682-0911

© RAND WATER 2004 All Rights Reserved

SAP No.	P-XXXXX	CHECKED BY	
CONTRACT No.	RWXXXXX/XX	D.O.M. c. TUMBARE	
DESIGNED BY	XXX	APPROVED	Pr Eng
DRAWN BY	KS KWINDA	REG. No.	
DATE	2017-01-25	DATE	

CONSTRUCTION DRAWING :
HORIZONTAL GROUND BED

STATION		WKS		DOC. TYPE	S
SCALE: NTS					



FOR REVIEW