




1. THE CONTRACTOR SHALL SUPPLY MIXED METAL ANODES (MMO) ANODES AS PER IS 5002 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 2.5m FROM THE NATURAL GROUND LEVEL, THE BOTTOM PART OF THE GROUND SHALL BE FILLED WITH CALCINED PETROLEUM COKE BETWEEN DEPTH 0 TO 200mm. SELECTED BACKFILL BETWEEN 700 TO 1900mm AND VEGETABLE SOIL FROM 1900-2500mm. 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 HOPE CONDUIT. THE POSITIVE CABLES FROM THE TRU-AS PER IS 2021-SHALL ALSO ENTER VIA AN HOPE 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;
4. THESE CATHODIC PROTECTION DRAWINGS MUST BE READ IN CONJUNCTION WITH THE LATEST REVISION OF THE CATHODIC PROTECTION SPECIFICATION TOGETHER WITH THE LATEST PIPELINE SPECIFICATION;
5. THE CATHODIC PROTECTION DRAWINGS MUST BE READ IN CONJUNCTION WITH THE APPLICABLE PIPELINE PLAN AND SECTIONS;
6. CATHODIC PROTECTION INFRASTRUCTURE MUST BE INSTALLED WITHIN THE SERVITUDE OR AS PER ENGINEER INSTRUCTIONS.



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STANDARD DRAWING

STATION			WKS								DOC. TYPE			S	
P	L		C	P								D	C	P	A
SCALE: N.T.S.															