ACID NEUTRALISING TANK

NOTE:

2. THE TANK AND Baffles SHALL BE CONSTRUCTED OF 8mm (MIN) POLYVINYL CHLORIDE (P.V.C.) SHEET; 0.63 (MIN) ACID RESISTANT STAINLESS STEEL, ALL WELDED CONSTRUCTION, OR OTHER APPROVED ACID AND ALKALI RESISTANT MATERIAL AND CONSTRUCTION METHODS.
3. THE THREE Baffles SHALL BE EQUALLY SPACED THROUGH THE TANK LENGTH.
4. 32X2X2X25 DEEP P.V.C. BRACKET TO BE FITTED AS CLOSE AS PRACTICABLE TO THE OUTLET.
5. 150X2X2X25 CEMENT MORTAR TEST BLOCK TO BE SUPPLIED AND FITTED BY CITY WEST WATER, IF REQUIRED.
6. SIZE OF MARBLE CHIPS SHALL BE WITHIN THE RANGE OF 40mm - 60mm.
8. THE TANK MUST BE CONSTRUCTED, INSTALLED AND CONNECTED IN ACCORDANCE WITH THE RELEVANT PLUMBING REGULATIONS.
9. TANK TO BE LOCATED IN A POSITION SO AS TO PROVIDE READY ACCESS FOR FITTING THE CEMENT MORTAR TEST BLOCK, MAINTENANCE OR REPLACEMENT OF MARBLE CHIPS AND OBTAINING SAMPLES FROM THE SAMPLING VALVE.
10. THE APPLICATION OF THIS TREATMENT IS LIMITED AND IS ONLY APPLICABLE FOR SOME WASTE TYPES. TRADE WASTE TREATMENT REQUIREMENTS SHOULD BE DISCUSSED WITH CITY WEST WATER TRADE WASTE CONSULTANT PRIOR TO INSTALLATION TO DETERMINE APPROPRIATE TREATMENT.
11. WHERE THE UNIT IS TO BE LOCATED BELOW GROUND LEVEL:-
   a. THE UNIT SHALL BE SURROUNDED WITH 100 MIN CONCRETE WALLS AND BASE.
   b. THE 25 SAMPLING VALVE SHALL BE OMITTED.
   c. THE OUTLET LEVEL SHALL BE NOT GREATER THAN 600 BELOW GROUND LEVEL.
   d. THE OUTLET SHALL BE CONNECTED TO A DISCONNECTOR GULLY FITTED WITH AN APPROVED OVERFLOW GRATE OR BRASS SCREWED CAP.
   e. THE OUTLET PIPE DIAMETER SHALL NOT BE LESS THAN 100.
12. ALL DIMENSIONS ARE IN MILLIMETRES.