

3. The last 12 metres of the run to Pit 1 is heavily covered by trees. If this section were trench dug many of the trees would need to be removed.

We suggest pit 2, is constructed as a catch pit, and is moved to within 12 metres of pit 1 in front of the tree line. Further the pit size is increased to a minimum size of 900x600 to allow easier access to clear and rod.

At this stage the remaining run to Pit 1 can be checked to ensure that it is fit for purpose, if not, this difficult section will need to be reassessed and tackled with a different method.

4. General

We propose the size of the drain pipe is increased to 225mm internal diameter twin wall pipe

We would check relative drain levels between all pits to establish revised fall gradients

The outfall end should be monitored to determine flow from Pit 1 to the sea is adequate

We would provide a scale drawing of the new works for future reference

Costs

To provide the following

- Deepen and reconstruct the new pit, Ref Pit 3a
- Check remaining run to Pit 1
- Construct two intermediate inspection chambers Ref Pits 2a & 2b
- Construct larger Pit 2 in new position close to tree line
- Trench dig (600mm wide) drain runs suitable for 250mm pipe, drain run approx 62 metres
- Provide appropriate pea shingle encasement of pipe & backfill
- Clear all excess spoil and make good to surface, turf on lawn areas.

Note: Whilst labour rates have remained flat, material costs have increased by 9.6% since our last estimate in Nov 2010