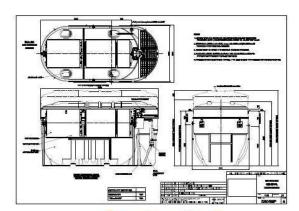
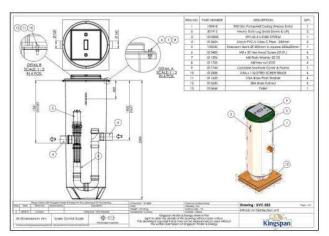


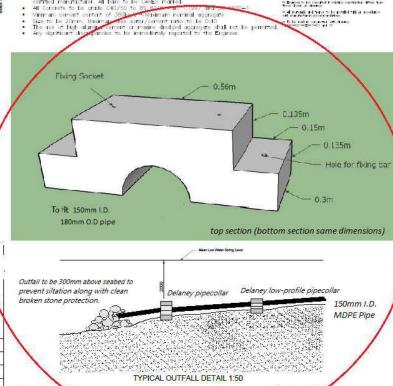
SECTION B-B 1:100



Klargester NG Biodisc Treatment Plant



Klargester UVC-032 Chamber



Minimum cover to reinforcement to be 50mm to outsimps bars. Exposure class XS3. Reinforchip bars to grade 8500 A to 85 44492005 and supplied by a CAMES certified manufacturer. All bars to be CAMES marked.

GENERAL NOTES

- All Excavations must be charged out under an Archaeological watching brief.
 The proposed works are located adjacent to a scheduled monument. The proposed works must not encroach on the scheduled area without agric premission.
- The site is within an area with Protective spec
- The slow worm habitat is long vegetation and crevices into which they tree stumps, and rocks. Open mown amenity grassland is not generally a habitat that is attractive to them. It is an offence to intentionally or recklessly kill or injure a slow worm or other amphibian. The works area should be checked before works commence just in case there is one present. There is a worss are allout to encised before wors commence, us in case there is one present, there is a possibility that one may be basking on open stonework or more likely, hiding under something: sheet materials like corrugated iron are often left on the ground in slow worm habita areas to attract them so they can be studied. Open trenches left overnight should also be checked in the moming in case something has fallen in and can't escape. Should a slow worm, or any other amphibian like a frog or toad, be found, it should be allowed to move to a more suitable habitat, or lifted using gloves, put in a bucket and moved to an area of long grass away from the work area, or seek further advice from a suitably qualified person if required. The works area, any sheet materials or open trenches should be
- socially qualified person in required. In works area, any since materials or open tremmes anomalies checked before works commence on a daily basis by the works staff or contractors. The outfall is located within a shellfish water protection area. The contractor must ensure appropriate measures are in place to prevent pollutants entering the bay during the works. The contractor must comply with the SEPA licence and all regulatory guidelines.

Concrete Reinforcasment Notes:

- Archaeology / Anticipated Work Methodology:

 1. Stripping the furf under archaeological watching brief with the archaeologists monitoring where we have reached the previous septic tank install cut.

 2. Following the previous disturbance and removing the septic tank. This will be done by a backhoe
- excavanor string on ground prosection mars adjacent to the septic tank, with the machine collapsing the rank walls into riself and then the debris being lithed out for onward disposal. Spoil to be used in backfill will be kept separate on geotextile membrane adjacent to the working area.
- 3. The footprint of the treatment plant and UV unit will then be marked out and excavated by machine, but subject to an archaeological watching brist. As much of the replacement infrastruture will be located within previously disturbed ground as possible. If bedrock is reached before the required. depth is achieved, then this will be achieved by pocking rather than blasting, and will not be subject to archaeological oversight. Any stepping of the trench sides, as an alternative to a temporary works solution such as trench boxes or shoring, to accommodate archaeological personel working at depth will be kept to a minimum.
- a. vegue after the regist on a minimum.
 A Note that the includad of the new treatment units will likely cause thesh ground distribution earound the area of the fain, but this is the least interventional approach and will carried out under archieological supervision.
 We are enticipating an element of bedrock removal, although we do not know the depth where this may be
- An element of micrositing will be allowed for, should the archaeological work encounter significant
- m-ciru archaeological features or deposits.

 7. The treatment plant and UV unit libe delivered to site and lifted into place using a telehandler running on ground protection mass. Spoll removed from the excavation will then be used to backflit,
- with excess maintal used to grade the ground surface surrounding the infrastructure.

 B. The same approach of stripping the furl, identifying the previous disturbance, re-excavating the service trench under an archaeological watching brief will occur over the abendoned Scottish Water pipe to form the new pipe routes allowing for manhole, and inspection chamber as per the engineers drawings.

al Risks

- Excavation for installment of propose
- Working near road Existing services

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