

*EXTERNAL:FW: Cross Road, Walmer, Deal - Deed of Easement



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To Tom Duggan; Hough, Dave; Davies-Jordan, Adrian

Cc Amuthaseelan, Sathikaran

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Good afternoon all,

Thank you for your time on the call earlier today.

Please see below notes captured:

1. With respect to the protection of the DN450 DI trunk main;
 - a. The anticipated finished GL of the proposed access road provides a cover depth of approx. 800mm
 - b. This is less than the SW minimum required value of 1.2m
 - c. The NDT assessment undertaken by the Developer showed the trunk main to be in good condition with little or no significant corrosion or loss of wall thickness
 - d. Structural design calculations for semi-rigid pipelines undertaken in accordance with BS EN1295-1 may conclude that 800mm is sufficient cover to accommodate the proposed main road loading (such analysis to be submitted to SW for acceptance)
 - e. If 800mm cover proved to be insufficient, SW would require the cover depth to be increased to the minimum depth needed to satisfy the structural design of the pipeline (SW do not usually accept protection slabs above strategic assets as they can interfere with maintenance and repair)
 - f. However, SW would accept protection measures to be built above the trunk main based on the following:
 - i. The NDT shows the trunk to be in good condition with an estimated remaining life >50 years
 - ii. The installation of a protection slab and raft would mitigate for surcharge load at the construction level (the road foundation level is anticipated to be at approx. 800mm below the current GL)
 - iii. The protection slab design shall be submitted to SW for acceptance and shall clearly demonstrate that road traffic surcharge loading is resolved to the ground below the invert level of the trunk main
 - iv. The slab shall extend a minimum of 2m either side of the access road width
 - v. RAMS for construction of the protection slab shall be submitted to SW for acceptance prior to construction
2. With respect to the existing easement
 - a. SW will liaise with our legal department and L&E to confirm whether the construction of the proposed access road constitutes a permanent structure within the description contained in the Deed of Easement
 - b. SW to confirm whether a Deed of Variation is required
3. With respect to required offset distances
 - a. The Deed of Easement notwithstanding, SW's current guidelines require a minimum distance of 6m from any permanent above ground structure for a trunk main of this size (see attached)

I have sent an email to enquire with our legal team regarding the road being classed as a permanent structure and I will update as soon as I hear back.

Kind Regards,
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