

NOTES: All dimensions in millimeters. Do not scale from drawing For any discrepancies found please consult with design office. This drawing should be read in conjunction with all contract drawings, documents and specifications. 1. This RCD is only to be used in association with a unique structural design. This design is to carried out in accordance with the NRA requirements for the use of Eurocodes for the lesign of road structures Reinforced concrete shall be a minimum grade of C32/40. All structural concrete shall be specified in accordance with Series 1700 of the NRA MCDRW. All blinding concrete shall be ST2 in accordance with IS EN 206 500 The minimum cover to reinforcement for durability shall be in accordance with NRA BD 57. Minimum exposure class to be XC4. 600 Any resulting void between the outside of the pipe and the OPE in the headwall shall be filled with non-compressible high 700 strength grout. 800 6. All exposed concrete surfaces from 100mm below ground evel to be class U4/F4 finish. All other concrete surfaces to be class U1/F1 finish unless otherwise specified 900 . Headwall wingwalls to be sloped and shall maintain a ninimum height of 150mm above adjacent backfill level. 1000 Rendered concrete blockwork may be used as an alternative to in-situ or precast concrete for pipes up to 300m inner diameter All headwalls shall be backfilled with class 6N1, 6N2 or 6P ackfill material. Headwalls shall be founded on a minimum 75mm layer of ST2 blinding concrete. Details of the sub-base laver to be confirmed based on site conditions 10. Rock armour and/or Gabion headwalls and wingwalls are prohibited. Rev By Date Description ng Status PLANNING Project Title: Longview Estates Development awing Title: **Outfall Headwall Details** Client Longview Estates Ltd M.H.L & Associates Ltd. **Consulting Engineers** Carraig Mór H 10 High Street Douglas Road, Cork Tel: 021-48402 ax: 021-4840215 E-Mail:info@ ecked: KM signed: SM SFM Date: cale N.T.S Nov 2019

ob No

17066HD

evision:

rawing No: LHD_SCD_P09