

NOTES :

400

400

500

500

500

500

GROUND LEVEL

BED LEVEL

 ∇

500

600

700

800

900

1000

- 1. ALL DIMENSIONS ARE MILLIMETRES.
- 2. 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 DESIGN OF ROAD STRUCTURES.

NOTES:

Do not scale from drawing. For any discrepancies found please consult with design office

This drawing is for PLANNING purposed only. Not for Construction.

- 3. 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
- 4. ALL BLINDING CONCRETE SHALL BE ST2 IN ACCORDANCE WITH IS EN 206.
- 5. THE MINIMUM COVER TO REINFORCEMENT FOR DURABILITY SHALL BE IN ACCORDANCE WITH NRA BD 57. MINIMUM EXPOSURE CLASS TO BE XC4.
- 6. ANY RESULTING VOID BETWEEN THE OUTSIDE OF THE PIPE AND THE OPE IN THE HEADWALL SHALL BE FILLED WITH NON-COMPRESSIBLE HIGH STRENGTH GROUT.
- ALL EXPOSED CONCRETE SURFACES FROM 100mm BELOW GROUND LEVEL TO BE CLASS U4/F4 FINISH. ALL OTHER CONCRETE SURFACES TO BE CLASS U1/F1 FINISH UNLESS OTHERWISE SPECIFIÉD.
- 8. HEADWALL WINGWALLS TO BE SLOPED AND SHALL MAINTAIN A MINIMUM HEIGHT OF 150mm ABOVE ADJACENT BACKFILL LEVEL.
- RENDERED CONCRETE BLOCKWORK MAY BE USED AS AN ALTERNATIVE TO IN-SITU OR PRECAST CONCRETE FOR PIPES UP TO 300mm INNER DIAMETER.
- 10. ALL HEADWALLS SHALL BE BACKFILLED WITH CLASS 6N1, 6N2 OR 6P BACKFILL MATERIAL. HEADWALLS SHALL BE FOUNDED ON A MINIMUM 75mm LAYER OF ST2 BLINDING CONCRETE. DETAILS OF THE SUB-BASE LAYER TO BE CONFIRMED BASED ON SITE CONDITIONS
- 11. ROCK ARMOUR AND/OR GABION HEADWALLS AND WINGWALLS ARE PROHIBITED.

By. Date. Description.

Project Title: Residential Development at Inch/Coollegrean Port Road Killarney

National Roads Authority -**Standard Construction Details**

Client

Portal Asset Holdings Ltd



DM

NTS

18137HD

I.H.L & Associates Lt Blackpool.

Tel: 021-4840214 Web: www.mhl.ie E-Mail: info@mhl.ie

BM PK Date: APRIL 2024 rawing No: PR-MHL-SCD-P11

TII PUBLICATION NUMBER CC-SCD-00553

G.A. OF FORMED HEADWALLS 150 - 1800 DIAMETER PIPES

75mm ST2

CONCRETE BLINDING

Drawing No. RCD/ 500/53