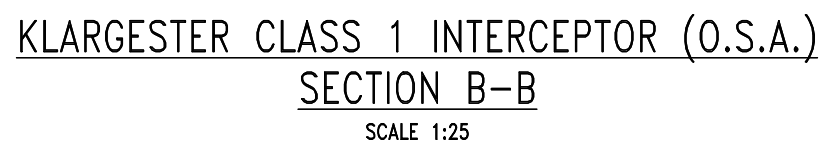


- ## NOTES :
1. DO NOT SCALE FROM THIS DRAWING USE STATED DIMENSIONS ONLY. IF IN DOUBT CONSULT THE ENGINEER.
 2. PRELIMS REFER TO O.S. DATUM MAIN HEAD.
 3. PRECAST MANHOLE RINGS, COVER SLABS AND REDUCING SLABS SHALL COMPLY WITH I.S. 420 :1989.
 4. PRECAST MANHOLE RINGS, COVER SLABS AND REDUCING SLABS SHALL BE INSTALLED CONCRETE TYPE 2 RUBBER GASKETS AND JOINTING RINGS WHICH COMPLY WITH B.S. 2484.
 5. CONCRETE TO MANHOLE SLABS AND SURROUNDS SHALL BE GRADE C20. SURROUND SHALL BE A MINIMUM OF 150mm THICK AND CONTAIN ONE LAYER OF A142 REINFORCEMENT WESH.
 6. BLINDING CONCRETE SHALL BE GRADE C15. BLINDING SHALL BE A MINIMUM THICKNESS OF 100mm.
 7. SAND CEMENT RENDER 25mm THICK SHALL BE APPLIED TO THE BENCHING AND CHANNEL. TO A STEEL TROWEL FINISH.
 8. LADDER RINGS SHALL BE P.V.C. COATED STEEL, FOR MANHOLES WITH 150mm TO 400mm DIAMETER 40mm USE CLASS 316 STAINLESS STEEL LADDERS.
 9. DROP PIPE WORK SHALL BE SIZED IN ACCORDANCE WITH TABLE NO. 1, WHERE THE CONNECTION < 1.0m ABOVE INVERT USE RAMP CONNECTION, WHERE CONNECTION IS > 1.0m ABOVE INVERT USE DROP CONNECTION.
 10. MANHOLE COVERS AND FRAMES SHALL COMPLY WITH I.S. EN. 124, AND SHALL BE CLASS D400 WITH A CIRCULAR OPENING OF 600mm MINIMUM AND A SQUARE FRAME.
 11. SUITABLE SHORT LENGTHS OF PIPE OR ROCKER PIPES SHALL BE USED TO PROVIDE A 150mm JOINT WITHIN 1000mm OF THE OUTER FACE OF THE MANHOLE OR SLAB SEAMS AND BRANCHES.
 12. SEMI ENGINEERING BRICK SHALL BE GRADE 47N/mm².
 13. FOR ALL INLETS, OUTLETS AND BRANCHES MATCH CROWN LEVELS UNLESS INDICATED OTHERWISE ELSEWHERE.
 14. STORMWELL STORM WATER ATTENUATION SYSTEM SHALL BE SUPPLIED BY HYDROBRAKE INTERNATIONAL PVT. LTD. RIGID LIMITED OR EQUIVALENT. THE SYSTEM SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 15. HYDROBRAKE FLOW CONTROL SYSTEM SHALL BE SUPPLIED BY HYDRO INTERNATIONAL/REXAC DUBIN LIMITED OR SIMILAR APPROVED. THE SYSTEM SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 16. TIDEFLEX VALVES BY REDVALVE USA SHALL BE SUPPLIED BY VITEC LIMITED OR SIMILAR APPROVED. THE VALVES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 17. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION.



NOTES

1. For setting out refer to Architect's drawings.
2. This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
3. **DO NOT SCALE THIS DRAWING.** Use figured dimensions only.
4. No part of this document may be reproduced or transmitted in any form or stored in any retrieval system of any nature without the written permission as copyright holder except as agreed for use on the project for which the document was originally issued.
5. Ordnance Survey Ireland Licence Number EN 0074012

[illegible]

Client		Limerick City & County Council			
Project		O'Connor Park Ardagh, Co.Limerick.			
Title		Drainage Details 4 Hydrobrake and Interceptor Details			
Dm by NQ	Chkd by DFD	Apprd by GC	Dwg. No. L099L-009		Revision P1
Date April 2022	Scale 1:20				

Cronin Sutton Cotter

45 O'Connell Street, Limerick, Co. Limerick

T: +353 (0) 61 594988

E: info@csconsulting.ie

W: www.csconsulting.ie

 Quality
Environment
Energy
Health & Safety

I.S. EN ISO 9001:2008
I.S. EN ISO 14001:2004
I.S. EN ISO 50001:2011
OHSAS 18001:2007

