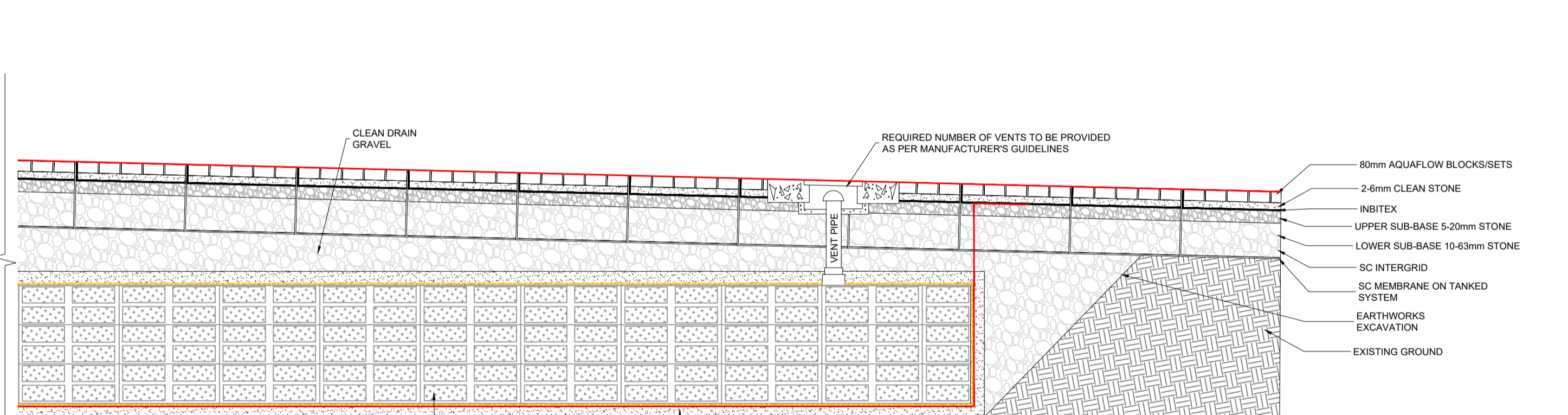
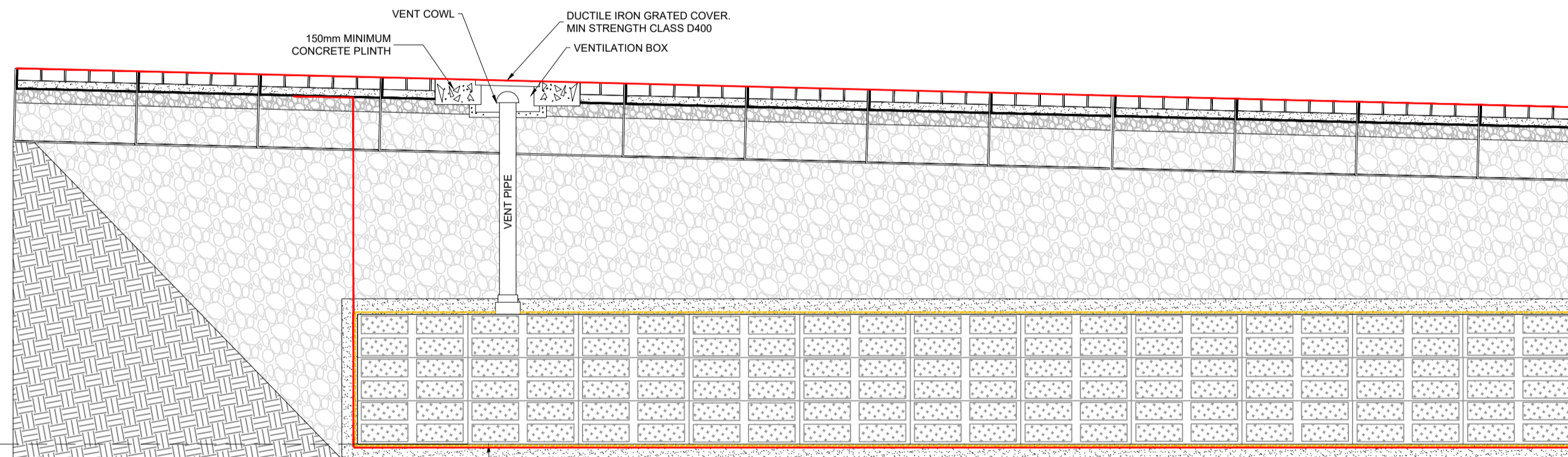


**LEGEND**

- EXTENTS OF PLANNING AREA
- PROPOSED CATCHPIT
- PROPOSED DOWNPIPE GULLY
- PROPOSED CARRIER PIPE
- PROPOSED LINEAR DRAINAGE CHANNEL
- FLOW DIRECTION ARROW
- PROPOSED 150mmØ GULLY OUTFALL PIPE
- PROPOSED 150mmØ ROOF WATER CARRIER PIPE
- PETROL INTERCEPTOR
- FILTER DRAIN
- HEADWALL TO CC-SCD-00553
- EXISTING 900mm CULVERT TO BE PROTECTED IN PLACE

**PROPRIETARY CRATES - ATTENUATION SYSTEM BENEATH CAR PARK**  
 REQUIRED S STORAGE VOLUME: 1176m<sup>3</sup>  
 800mm x 400mm  
 PLAN AREA (BASED ON 95% SYSTEM VOIDS): 1550m<sup>2</sup> (39m x 41m)  
 SYSTEM TO BE INSTALLED FLAT AT AN INVERT LEVEL OF 52.010m±0  
 REFER TO DRAINAGE SCHEDULES FOR REQUIRED INVERT LEVELS.  
 TO BE INSTALLED AS PER MANUFACTURER'S GUIDELINES INCLUDING  
 REQUIREMENTS TO REDUCE SEDIMENT DEPOSITION AND BUILD-UP  
 CRATE SYSTEM TO BE SEALED WITH IMPERMEABLE LINER TO  
 PREVENT INGRESS OF GROUNDWATER.



**SECTION A-A  
THROUGH POROUS PAVERS**

**SECTION B-B  
THROUGH HARDSTANDING PAVEMENT**

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Client

**Comhairle Contae Mhuineacháin**  
Monaghan County Council

**General Notes**

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(ii) DO NOT SCALE, use figured dimensions only.

(iii) This drawing is the property of RPS, it is a project confidential classified document. It must not be copied used or its contents divulged without prior written consent. The needs and expectations of client and RPS must be considered when working with this drawing.

(iv) Information including topographical survey, geotechnical investigation and utility detail used in the design have been provided by others.

(v) All Levels refer to Ordnance Survey Datum, Malin Head.

Rev	Date	Dim	Amendment / Issue	App
01	26-04-23	g.g. E.A.	FOR INFORMATION	

Model File Identifier  
N/A

Scale AS SHOWN @ A1 AS SHOWN @ A3	Project MONAGHAN TOWN - DUBLIN STREET REGENERATION PROJECT
Created on APRIL 2023	Title TYPICAL ATTENUATION LAYOUT
Sheets 01 of 01	File Identifier MGT0528-RPS-00-XX-DR-C-DR1003
Drawing No. DR1003	Status S4
Rev P01	