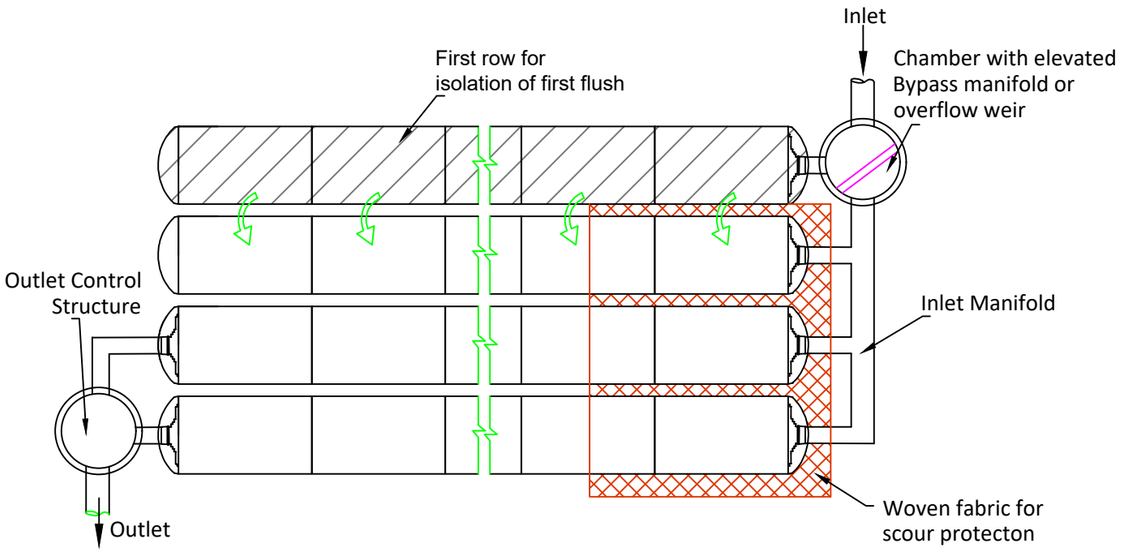
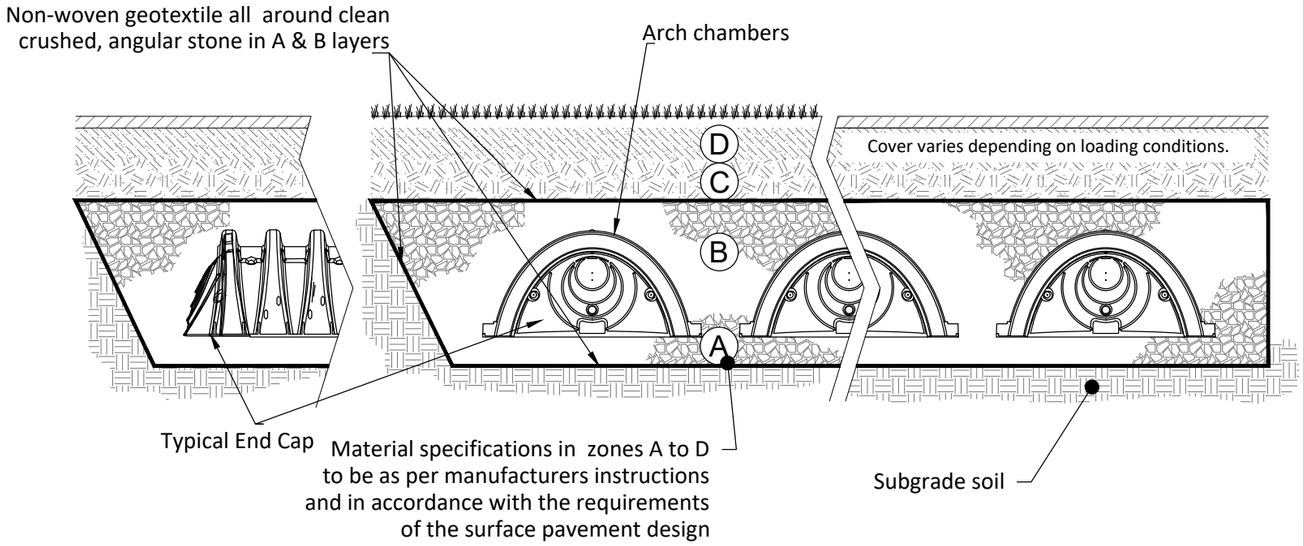


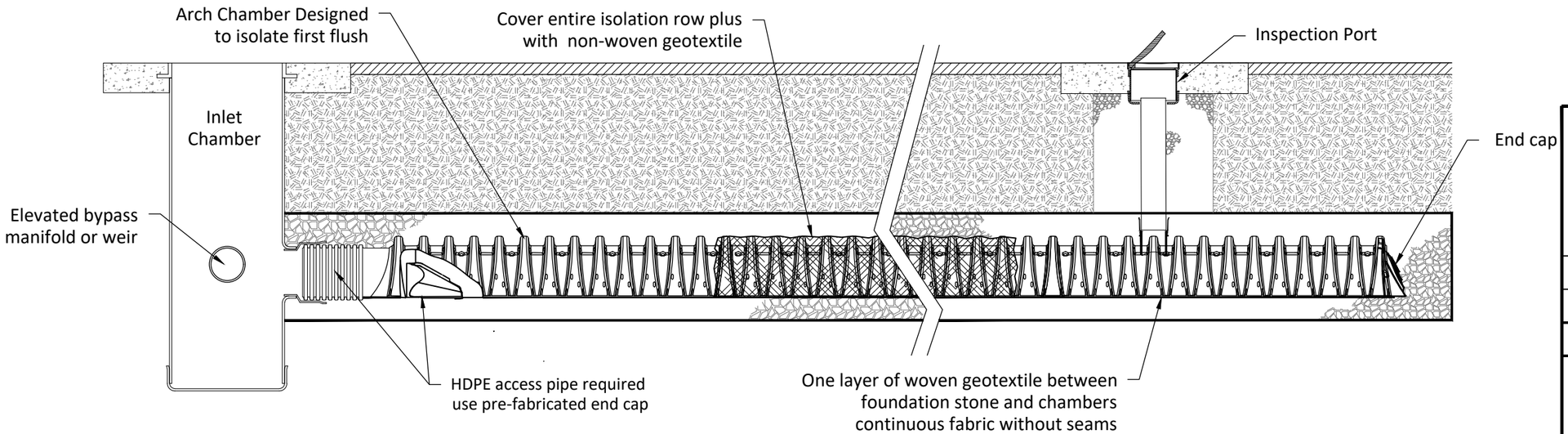
Plan: Typical Arch Attenuation with First Flush Isolation Row

SCALE: N.T.S



Section: Typical Arch Attenuation Structure

SCALE: N.T.S



Section: Typical First Flush Isolation Row

SCALE: N.T.S

TECHNICAL NOTES:

1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2922 (POLETHYLENE) OR ASTM F2418-16a (POLYPROPYLENE), "STANDARD SPECIFICATION FOR CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
2. CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. UNDERGROUND STORAGE SYSTEMS MUST ONLY BE CONSIDERED AS A LAST RESORT WHEN ALL OTHER NATURAL SUDS OPTIONS HAVE BEEN EXHAUSTED

Notes:

1. No dimensions to be scaled from this drawing.
2. Design to be developed taking consideration of the current version of the Kildare County Council Taking in Charge Policy

No.	Date	Issue / Revision	Chkd.
1	20/11/25	1st Issue	PD

Project:

TYPICAL SUDS DETAILS

Dwg. Title:

ARCH ATTENUATION STRUCTURE

Dwg. No.	Sheet	Revision No.
125	A3	1
20/11/2025	Scale: AS SHOWN	
Drawn: OC	Checked by: PD	

Planning, Enterprise, Economic
Development and Emergency Services
Kildare County Council, Comhairle Chontae Cill Dara
Áras Chill Dara, Devoy Park, Naas, Co.Kildare