



Notes

N

It is the contractors responsibility to check design levels and sizes for compliance. Any discrepancies or errors to be identified to the design team.

Synthetic Pitch Area
Total - 6,996m²

Playing Lines
Football - 11-a-Side (White)
Length - 100.0m
Width - 60.0m

Football - Crossfield (Yellow)
Length - 60.0m
Width - 33.0m (34.0 Centre)

Key

- Natural Grass GAA Compliant Pitch
- Runoff Safety Margin
- Fixed Goal

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Revision	Date	Description	By

Status

sportslabsconsult
Sports Labs
1 Adam Square
Brucefield Industrial Estate
Livingston
info@sportslabs.co.uk

Client
South Dublin County Council

Site
Rathcoole Park, 7GJV+X3, Rathcoole Park, Rathcoole, Co. Dublin, Ireland

Drawing Title
General Arrangement

Drawing No.
RATH-SL-DR-100-GA-R00

Scale @ A1	Date	Drawn By	Checked By
1:500	06/2026	CH	DD

Scale Bar (metres)

0 5 10 20 30 40

Rodding eye.

150mm Ø Perforated Pipe

Proposed outfall to existing Coolmine stream. Exact location to be determind and agreed with Inland Fisheries Ireland. Scour protection to be provided at oufalll to minimise risk of erosion.

New silt trap manhole complete with flow control set.

Secondary drainage to be allowed for to the pitches in the form of sand slitting at 1m centres.

80mm Ø Perforated Pipe

80mm Ø Perforated Pipe

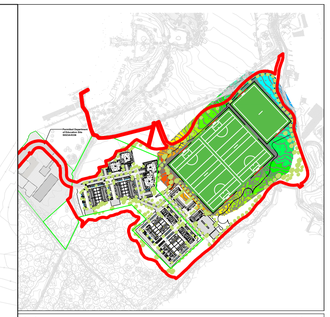
80mm Ø Perforated Pipe

80mm Ø Perforated Pipe

80mm Ø Perforated Pipe

80mm Ø Perforated Pipe

Retaining features to include cut off drains that will tie in with the pitch drainage.



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Drainage Details

- 80mm Ø perforated lateral pipes laid running the width of the pitch at 10m centres
- 150mm Ø perforated carrier pipe laid along the low touchline discharging in to new silt trap manhole
- Flow control manhole to be installed prior to discharging into the existing surface water network on site at a controlled rate. This new manhole shall include a silt trap in order to prevent microplastics contaminating the local network.
- Secondary drainage to be included in the form of sand slitting at 1m centres.

Key

- 80mm Ø Perforated Lateral Drain
- 150mm Ø Perforated Carrier Drain
- New Manhole
- New Rodding Eye
- Existing Manhole

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Revision	Date	Description	By

Status

sportslabsconsult

Sports Labs
1 Adam Square
Brucefield Industrial Estate
Livingston

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Client
Cove Youth Football Club

Site
Chris Niven/Richie Fraser Campus, Cairnbeg Rd, Nigg, Aberdeen AB12 3UL

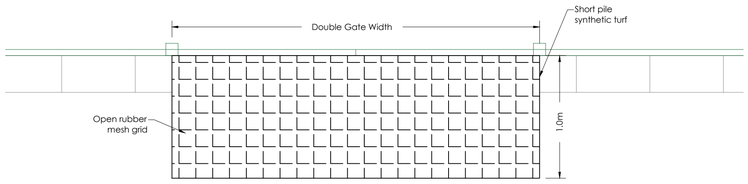
Drawing Title
Drainage Layout

Drawing No.
RATH-SPL-XX-XX-DR-Y-200

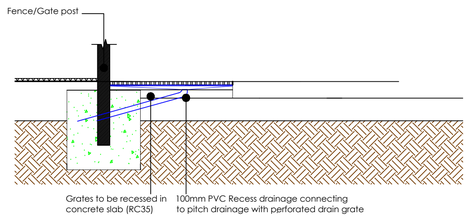
Scale @ A1	Date	Drawn By	Checked By
1:500	01/2026	CH	DD

Scale Bar (metres)

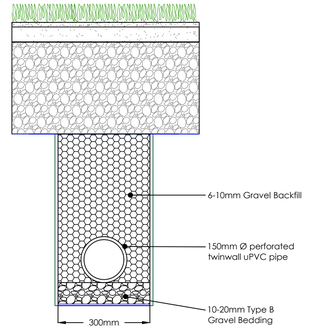
0 5 10 20 30 40



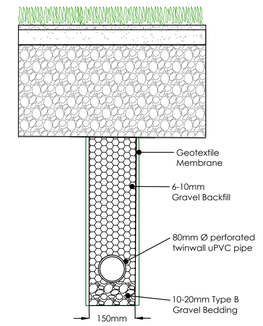
01 | TYPICAL DETOX AREA PLAN
SCALE: 1:25



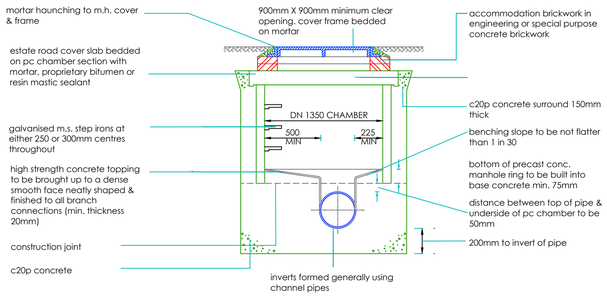
02 | TYPICAL DETOX AREA SECTION
SCALE: 1:25



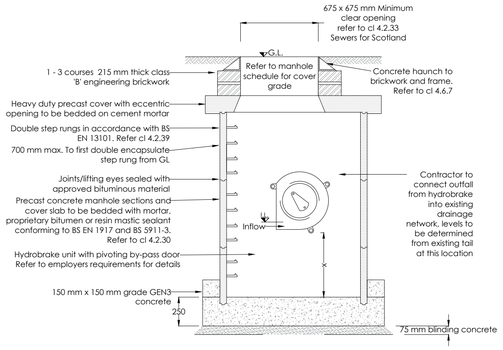
03 | STANDARD CARRIER DRAIN SECTION



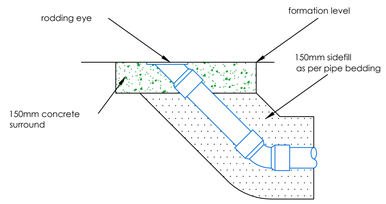
04 | STANDARD LATERAL DRAIN SECTION



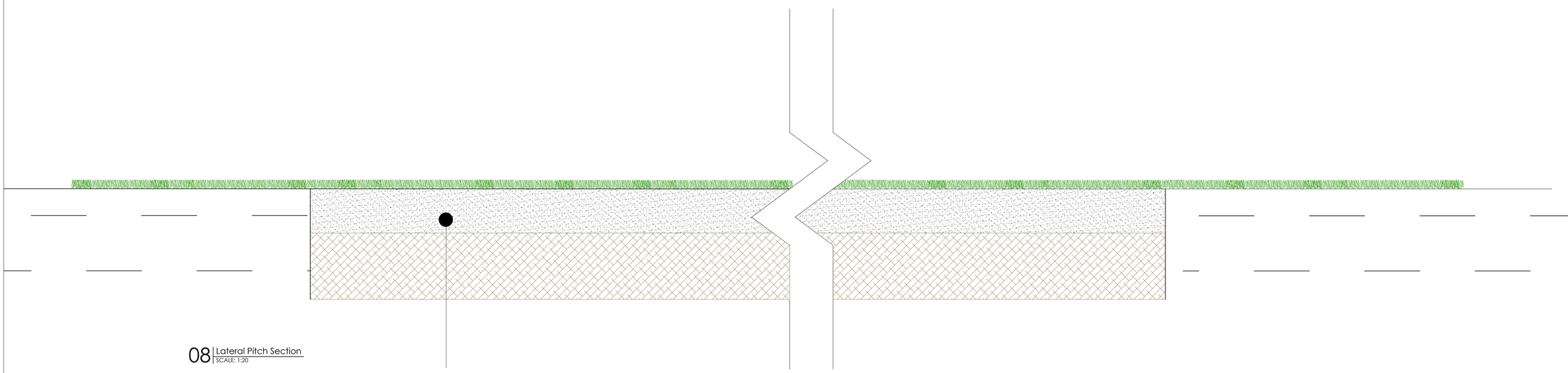
05 | STANDARD MANHOLE SECTION



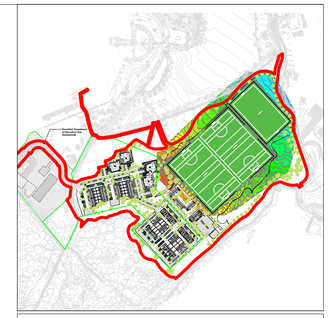
06 | STANDARD HYDROBRAKE SECTION



07 | STANDARD RODDING EYE SECTION



08 | Lateral Pitch Section
SCALE: 1:20



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Status

sportslabsconsult
Sports Labs
1 Adam Square
Brucefield Industrial Estate
Livingston
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Client
South Dublin County Council

Site
Rathcoole Park, 7GJV+X3, Rathcoole Park, Rathcoole, Co. Dublin, Ireland

Drawing Title
Construction Details

Drawing No.
RATH-SPL-XX-XX-DR-Y-350

Scale @ A1	Date	Drawn By	Checked By
Varies	06/2026	CH	DD

Scale Bar (metres)

0 5 10 15



Notes

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N

Key

- 125.00m
- 124.00m
- 123.00m
- 122.00m
- 121.00m
- 120.00m
- 119.00m
- 118.00m
- 117.00m
- 116.00m
- 115.00m
- 114.00m
- 113.00m
- 112.00m

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Status

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Sports Labs
1 Adam Square
Brucefield Industrial Estate
Livingston

info@sportslabs.co.uk

Client
South Dublin County Council

Site
Rathcoole Park, 7GJV+X3, Rathcoole Park, Rathcoole, Co. Dublin, Ireland

Drawing Title
Proposed Levels Model

Drawing No.
RATH-SPL-XX-XX-DR-Y-401

Scale @ A1	Date	Drawn By	Checked By
1:500	06/2026	CH	DD

Scale Bar (metres)

0 5 10 20 30 40