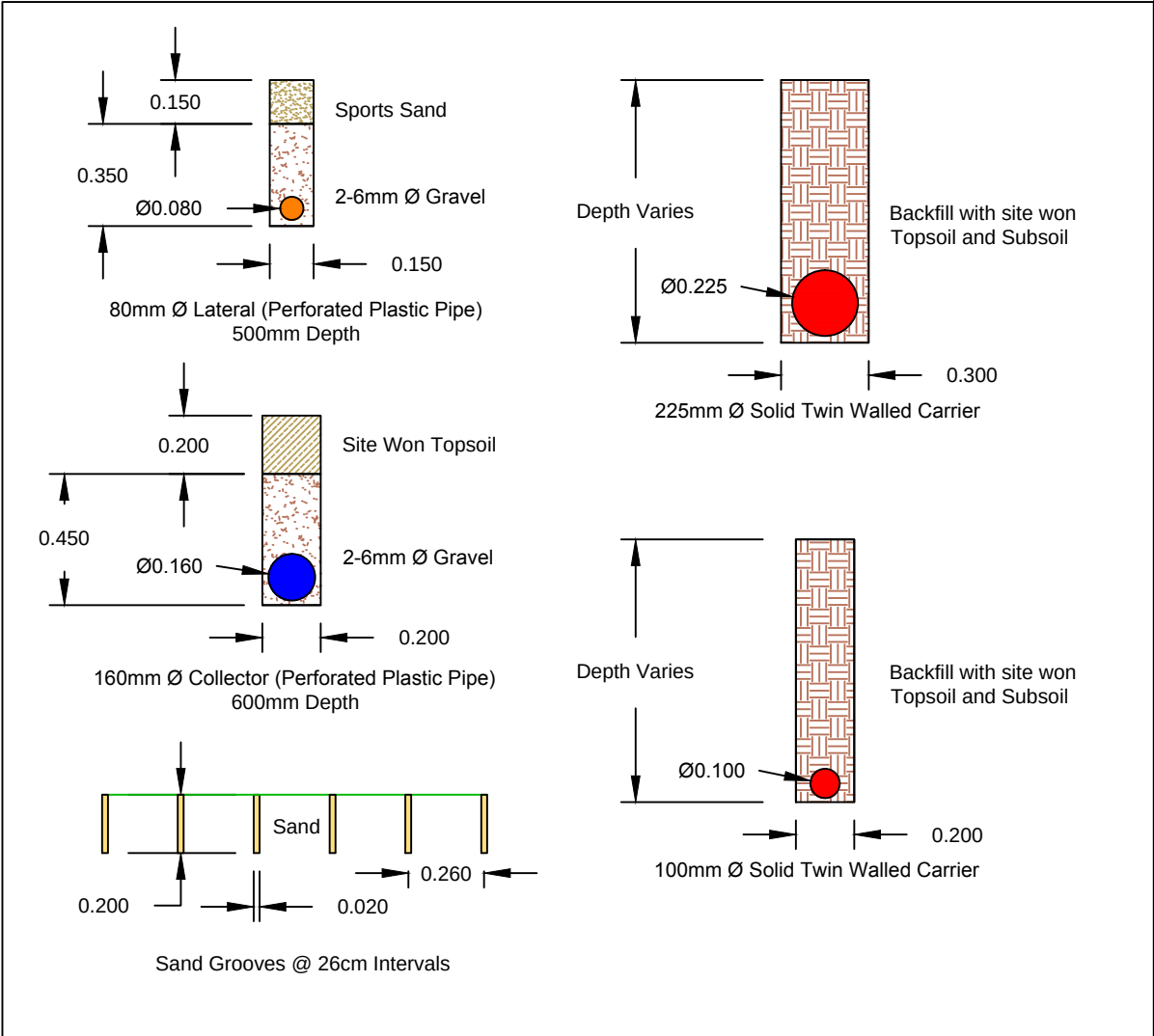
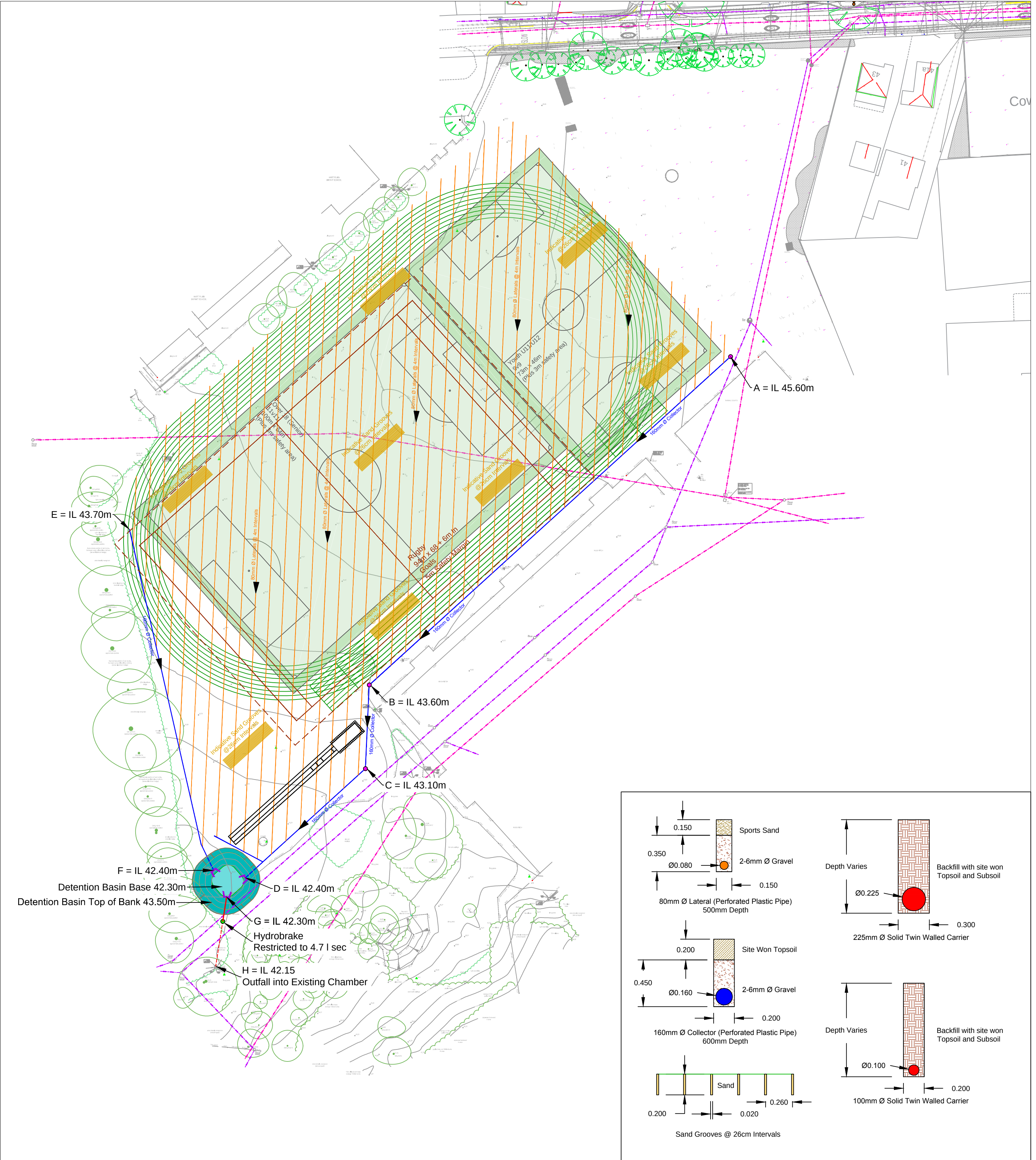




- Legend**
- Contours - 50cm Intervals
 - Spot Level
 - 80mm Ø Laterals @ 4m Intervals
 - 160mm Ø Collector
 - 100mm Ø Solid Twin Walled Carrier
 - 225mm Ø Solid Twin Walled Carrier
 - Indicative Sand Grooves @ 26cm Intervals
 - Inspection Chamber
 - Inspection Chamber / Hydrobrake
 - Headwall
 - Detention Basin - Base Level 42.30m
 - Detention Basin - 1:3 Slopes
 - Football Pitch
 - 3m Wide Safety Margin
 - Rugby Pitch
 - Running Track
 - Long Jump
 - Storm Water Utilities
 - Foul Water Utilities

Drawing Notes :

1) Background mapping and existing levels taken from drawing CVUJ804-001 "Topographical Survey with drainage invert levels" by Clear View Surveys.

Explanatory Notes:

1) The proposed drainage scheme is a Sport England Type 4 system comprising Lateral drains at 4m centres and sand grooves. The outfall is into the existing surface water drainage system via an existing connection with flows restricted to the Greenfield 1 in 1 year runoff rate for the site. The detention basin is designed to be ephemeral and not permanently wet. The arisings from the works will be partly used in creating the bund around the detention basin and any extra will need to be disposed of elsewhere on site in agreement with the school. There is considerable scope for this within the wetland area.

2) The arisings from the drainage works (approx 339 m3) will be spread over an area of around 1000 m2 in the habitat area below the 3G pitch avoiding trees and drainage infrastructure. This will be done by stripping around 200 mm of topsoil to a temporary store, placing the arisings to a typical depth of 34 cm and covering with reserved topsoil before grading into existing levels.

Revisions				
Rev	Date	Description	Drawn By	Checked By
1	22/07/2022	Site boundary updated. Pitch layout and drainage amended to fit.	OM	AV
2	26/07/2022	Rugby Pitch and Long Jump Pit added to layout.	OM	AV
3	03/08/2022	Legend updated, explanatory notes added.	OM	AV
4	04/08/2022	Background mapping amended, explanatory note added.	OM	AV
5	18/08/2022	Long Jump Pit amended.	OM	AV

Drawing Status

Design

PROJECT

Cowplain School

CLIENT

Cowplain School

DRAWING No.

GMA0930.27-1 Rev5

Job No.

GMA0930.27

Scale

1:750 / 1:25 @ A2

Drawn By

OM

Date

20th July 2022

Consultant

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Drainage Design

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