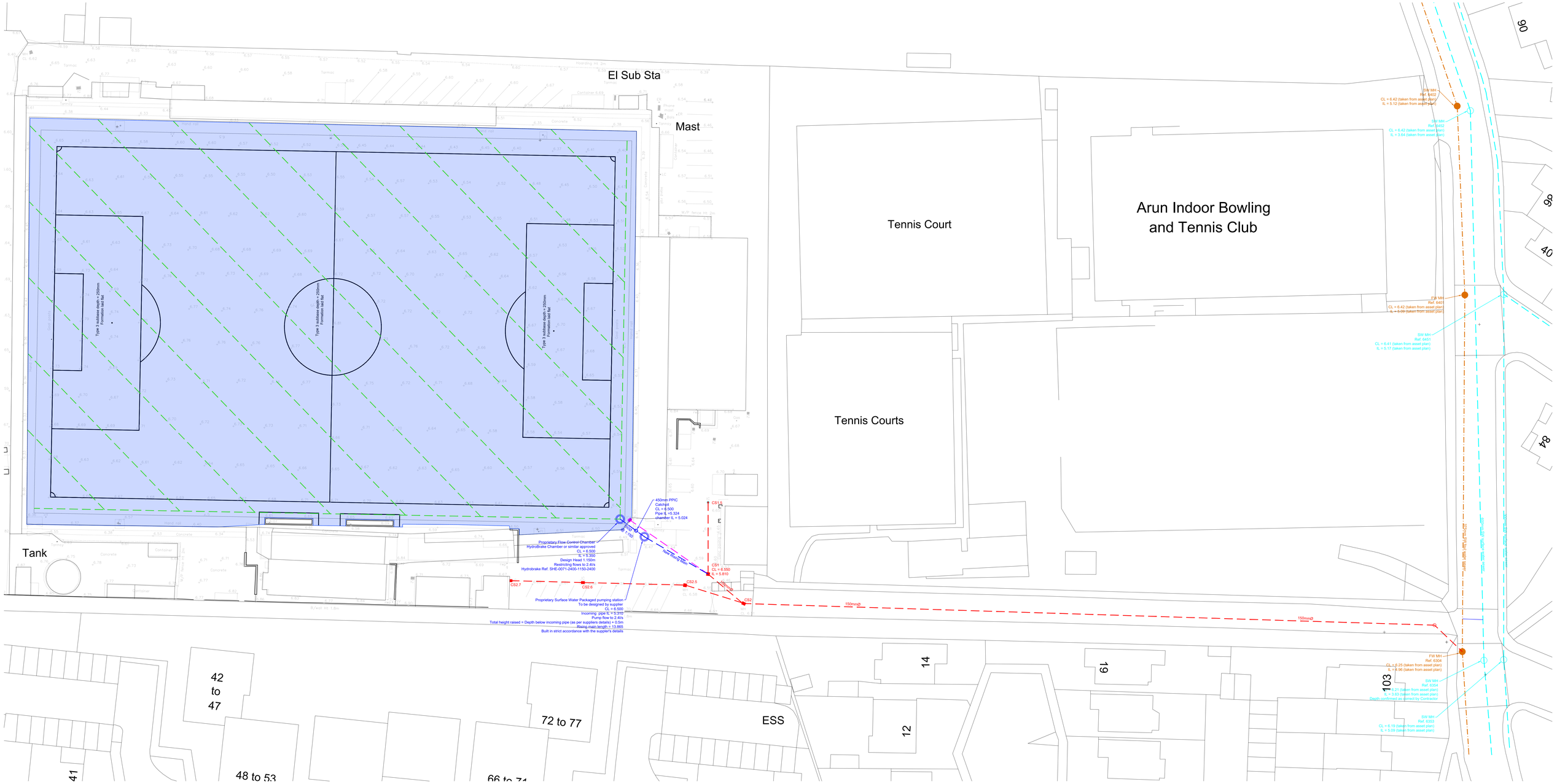


GENERAL

Do not scale from this drawing.

All dimensions are in millimetres unless noted otherwise.

All setting out to architects drawings.

Drawing to be read in conjunction with all other SEA drawings and architects drawings.

This scheme has been designed using the survey information provided by others. It shall be the responsibility of the contractor to verify levels, boundaries etc prior to commencing any works on site. SEA Structural Engineers Ltd. shall not accept any responsibility for errors resulting from the survey.

All setting to be in accordance with the Architect's drawings, the Contractor is to check all dimensions and levels prior to commencement of work and report any discrepancies to the Engineer, including any encountered during construction works.

All dimensions should be checked on site prior to construction. Please notify the Engineer of any discrepancies before commencing or continuing any work.

HEALTH, SAFETY & THE ENVIRONMENT

In accordance with the Health and Safety at Work etc Act 1973 and the Construction (Design and Management) Regulations 2015, designs and details on this drawing have been the subject of a Designers Risk Assessment, to identify risks in construction, use, or demolition of the scheme.

It is not considered necessary for Designers to highlight obvious and/or common risks (such as deep excavations, manual handling and working around heavy plant) which Contractors should be familiar with.

So as far as is reasonably practicable, risks inherent in the design have been eliminated. Where it has been considered that elimination of a risk (or part of a risk) is not reasonably practicable, it has been reduced.

Significant unusual residual risks are identified below, beside the measures which have been adopted to eliminate and/or reduce them:

None identified.

DRAWING KEY:

- Existing combined private drainage, as per CCTV report
- Existing pitch outfall pump and pipework to be abandoned
- Approximate position of existing southern water foul sewers
- Approximate position of existing southern water surface water sewers
- Proposed perforated lateral drains beneath pitch as per pitch contractors design.
- Proposed pitch surface water outfall, 150mm pipe, UPVC
- Proposed permeable type 3 subase extents beneath pitch, depth as indicated, providing attenuation for the 1 in 100 year storm event. In the 1 in 100 year + 45% event water will be stored within the surfacing layers of the pitch up to 55mm (assumed 15% void ratio).

Pumping Station Notes

The packaged pumping station shall be fully automatic with provision for remote monitoring. Plant and equipment shall be capable of operating between the manufacturers recommended service intervals without attention or inspection.

The packaged pumping station shall meet the requirements of BS EN 752 and shall be installed strictly in accordance with the manufacturers requirements.

The packaged pumping station shall be supplied by a specialist manufacturer to meet the drainage details indicated on this drawing.

The location of the control kiosk and alarm system supplied with the packaged pumping station shall be in accordance with the Client's requirements.

Draft operating instructions and maintenance manuals shall be submitted to the contractors for approval prior to installation. Working operating nstructions and maintenance manuals shall be provided within 3 months of instruction.

Pumping Station Specification - General

PS1 The pumping station shall be designed to accommodate the following: liquid - Surface water
PS2 The pumping station shall remain in private ownership.
PS3 Pump discharge restriction is 2.4l/s.
PS4 Pumping station shall be a packaged pumping station.
PS5 Number of pumps required = twin
PS6 Control panel to be located adjacent to the pumping station.
PS7 Control panel distance from pump chamber = approx. 5m.
PS8 Weather proof kiosk - Required
PS10 Electric supply to be single phase (TBC by supplier)
PS11 Access cover loading to be 5 tonne
PS12 Incoming flow rate = 2.4l/s
PS13 Cover level of pumping station = 6.500
PS14 Incoming pipe Invert level = 5.310 (150mmØ)
PS15 Length of rising main = 13.865
No bends = 0
Outfall level = 5.810

Rev.	Date	By	Description
E	22.10.25	WRA	Catchpit chamber added upstream of pump
D	14.10.25	WRA	Amended to suit discussions with Southern Water. New pump added
C	10.09.25	WRA	Amended to catchpit chambers to suit SW comments
B	17.08.25	WRA	Design updated to provide outfall to SW surface water sewers
A	05.06.25	WRA	Updated to suit conditions

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PROJECT
NEW AGP
BOGNOR REGIS FC

DRAWING
PROPOSED DRAINAGE LAYOUT

SCALE: 1:250@A1	DATE: 10.10.2024
DRAWN BY: WRA	REV: E

STATUS FOR APPROVAL

DWG No: 00223/E02 E