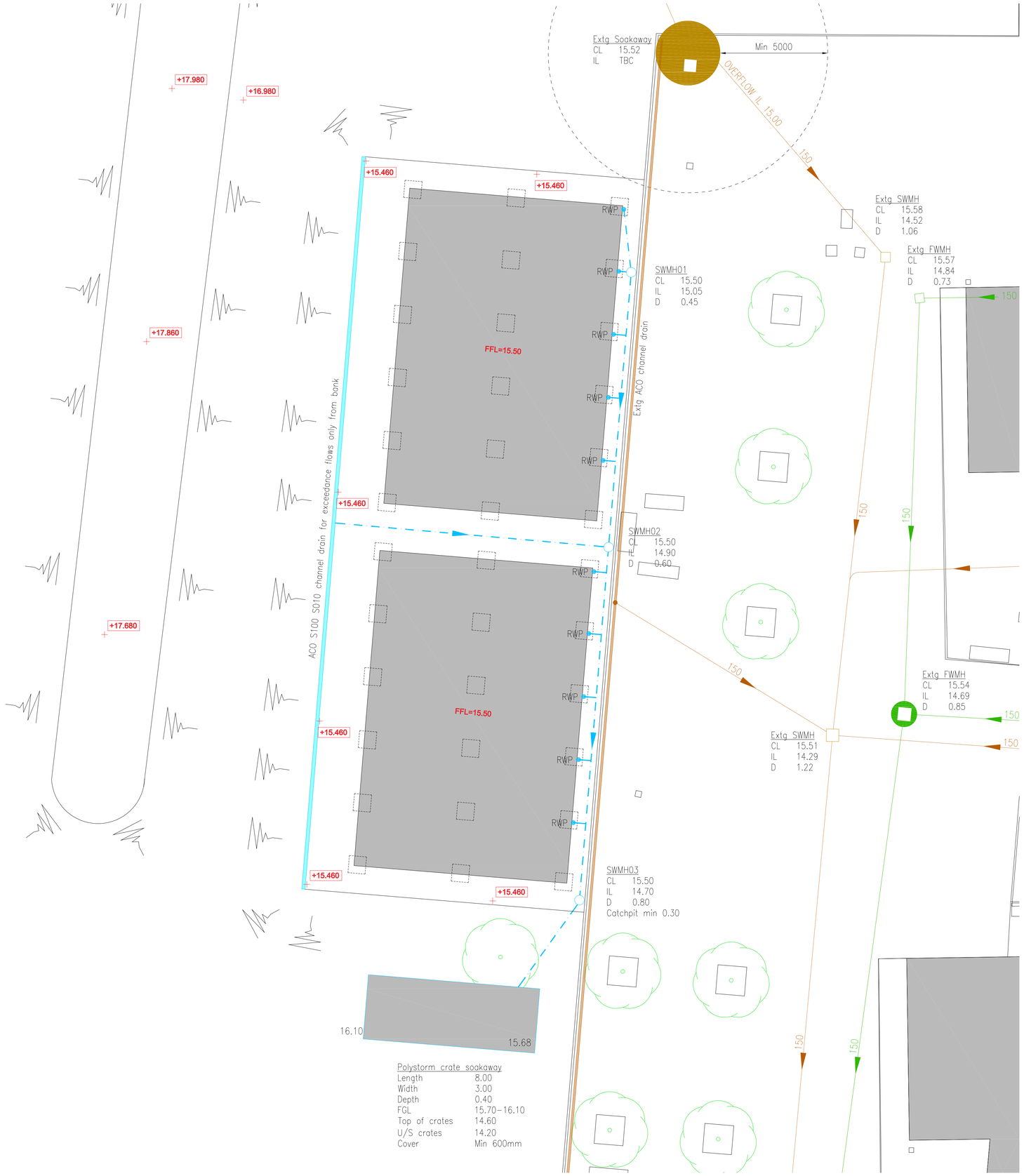
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Notes:

1. All drainage works are to be constructed in accordance with Sewer Sector Guidance Appendix C 'Design & Construction' V2 2020.
2. All pipes are to be selected by the Contractor and to have suitable strength for the service conditions.
3. All pipes are to be suitable for main road traffic unless stated otherwise.
4. The beddings shown are the minimum requirements. The Contractor must ensure the bedding provided is suitable for the selected pipes and loading conditions.
5. 150mm concrete bed and surround to be provided where depth of cover is less than 900mm below finished hardstanding level, or 600mm in soft landscaped areas.
6. Flexcell to be included at all joints as recommended by the manufacturer.
7. All catchpit manholes to have minimum 300 clear void beneath invert of pipe to base of manhole.
8. Pipes of different diameters entering manholes are to be installed with soffits at the same level.
9. The first manhole upstream from the connection to the existing public sewer should, when constructed, be fitted with a screen in order to prevent debris entering the sewer. The screen should be removed immediately prior to the occupation of the premises to be served by the sewer.
10. Cover levels shown are approximate, finished level to match proposed external level
11. All foul water pipes to be 100mm ø laid at 1:80 min gradient unless noted otherwise.
12. All 150mm ø foul water pipes to be laid at 1:150 min gradient unless noted otherwise.
13. All surface water pipes to be 100mm ø laid at 1:80 min gradient unless noted otherwise.
14. All pipes to be unplasticised PVC pipes, joints and fittings in accordance with BS 4660 and BS EN 1401–1.
15. Plastic chambers and rings, including demarcation chambers, shall comply with BS 7158 or BS EN 13598–1.

Drainage Key

- Surface Water Drainage
- Extg surface Water Drainage to be retained
- Foul Water Drainage
- Extg Foul Water Drainage to be retained
- RWP Rainwater pipe with trapped gulley under
- SVP Soil Vent Pipe
- G Trapped gulley

rev.	date	description	chk.
B	28.07.22	Drainage revised to suit new building location.	RC
A	01.07.22	New Drawing – First Issue.	RC

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client:
Elmcroft Construction

job title:
Sir Robert Woodard Academy
Lancing

drawing title:
Drainage Layout

scale and sheet size
1:50@A1

job number:	drawing number:	revision:
2545	110	B