

100
Millimetres
0 10

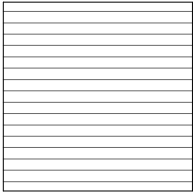
Roof Key



Warm Roof System - Reinforced bitumen membrane roofing system applied over flatboard insulation. Falls in roof accommodated within the structural frame and slab.



Warm Roof Terrace System - Reinforced bitumen membrane roofing system applied over tapered insulation with pedestals and paving applied to surface. Falls in roof accommodated within tapered insulation zone over a level structural slab.



External Plant Enclosure



Rainwater Outlet - to main roof areas



Rainwater Outlet - to canopies



Designated Walkway



Gutter locations. NOTE: All gutters to be lined with tapered insulation to fall to outlet positions

NOTES:
- Roof falls, gutters and RWO shown indicatively based on initial supplier information. Final design to suppliers recommendations and review by Architect.
- Overflows to be provided to all roof areas. Positions TBC.
- Drawing to be read in conjunction with outline specification.
- Tapered insulation design to roof suppliers design to ensure minimum U-value of 0.12W/m²K and full compliance with BS6229-2018 where minimum falls are outlined.
- RWO to canopies shown indicatively. Final design to suppliers recommendations and review by Architect.
- Existing sports hall roof design in abeyance following condition survey

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION

MAINTENANCE/CLEANING

DECOMMISSIONING/DEMOLITION

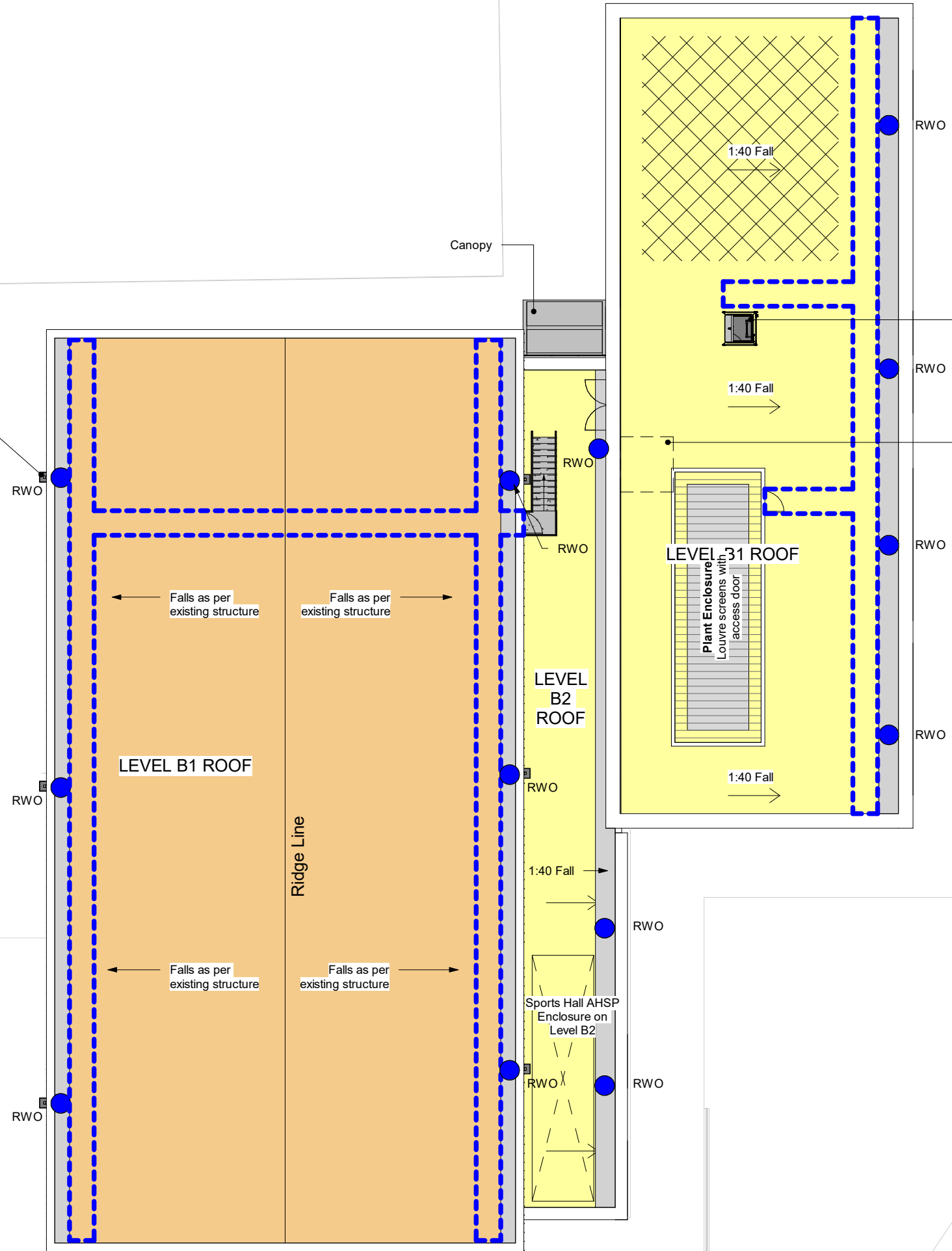
It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

New RWPs and roof outlets to be provided and connect to existing rain water gutters to ground floor

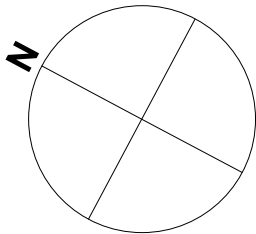
Canopy

Roof access hatch.

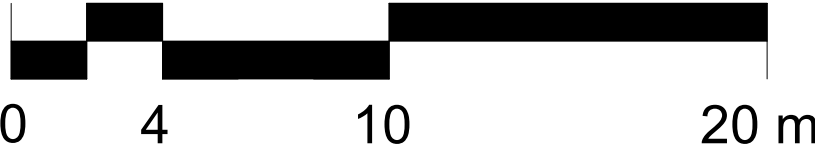
Lift shaft overrun to be suitably capped and insulated with roof finish to continue over. Extent of shaft size to be agreed.



Roof Plan General Arrangement Plan
1:200



Scale 1 : 200



P4	24/04/2023	Issued for Planning	AH	FG	TH
P3	08/02/2023	Issued for Planning	AH	FG	TH
P2	07/09/2022	Stage 2 Updates	KR	FG	TH
P1	31/08/2022	Preliminary Issue	KR	FG	TH

Rev.	Date	Description	By	Chk'd	App'd
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Drawing Suitability	FOR PLANNING	Status	S2
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Client	Willmott Dixon Construction Ltd
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Project Title	Blessed Carlo Acutis Catholic School
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Drawing Title	Sports Hall - Roof Plan
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Scale	1 : 200	Designed	FG	Drawn	KR	Checked	FG	Authorised	TH
Original Size	A1	Date	01/09/2022	Date	01/09/2022	Date	01/09/2022	Date	01/09/2022
Drawing Number								Revision	
BCA-ATK-V2-R1-DR-A-011008								P4	