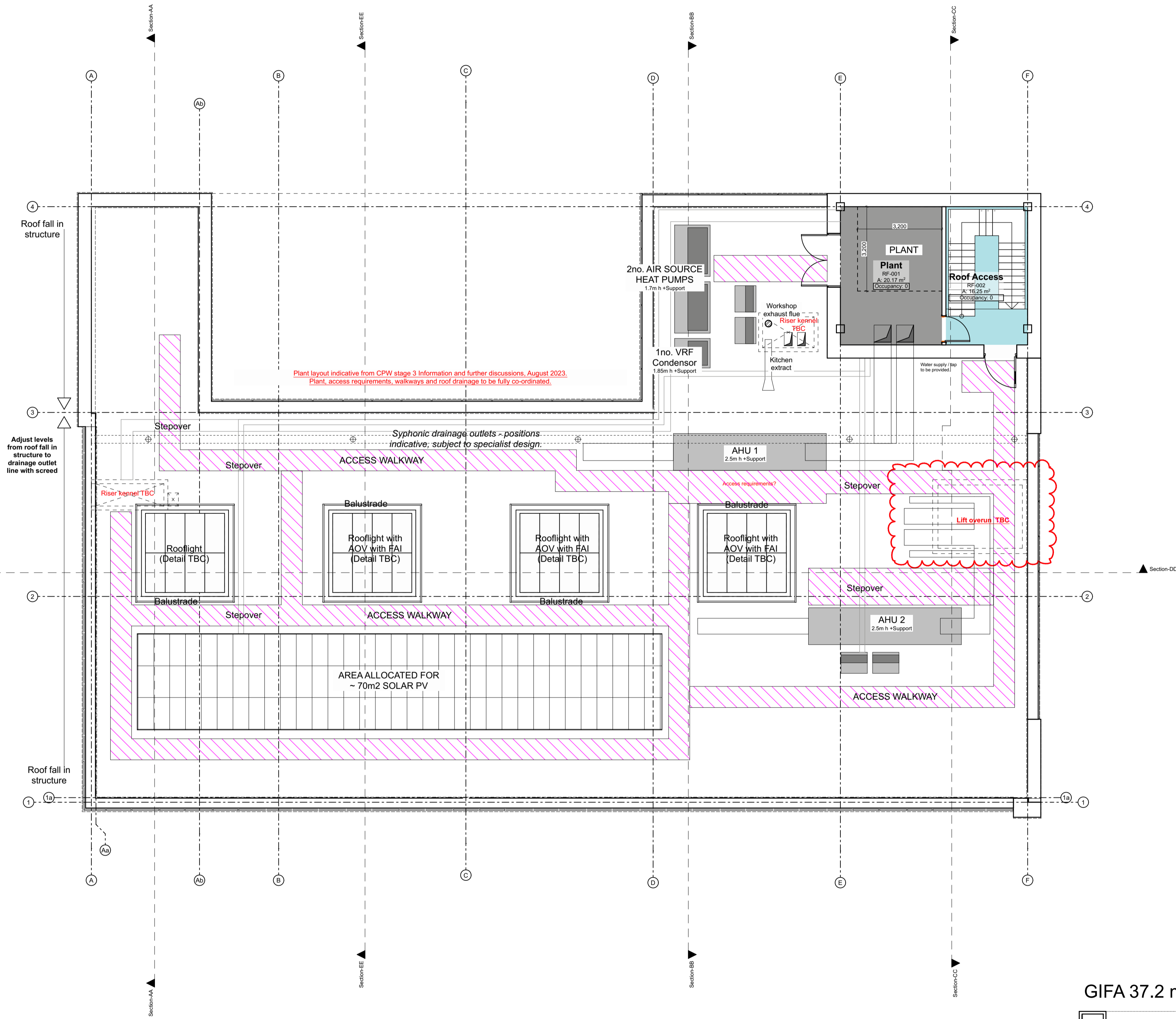


Note:
Indicative Roof Top Plant based on sketch dated 09/08/2021
For M&E design please refer to 210556-CPW-ZZ-RL-DR-A-80001



- P13 Development. KR RN 18/10/2023
Facade materials and build up altered to support additional and alternative claddings / elevational treatment, and staircase configurations and curtain walling arrangements altered. GIFA minor adjustment to suit structural efficiency of roof top plant room and elevational arrangements.
- P12 Development. KR RN 05/09/2023
Rooflight lowered (burets to kerb) and guard rails added. Services amended to CPW stage 3 information, discussions, and adjustments to suit co-ordinated layout with walkways, drainage etc.
- P11 Development. KR RN 04/08/2023
Security strategy notes updated. Notes added. Syphonic drainage route indicated. Notes and locations added re lift overrun, risers, changes to rooflights, roof falls, gutter position, and roof layout, and plant coordination requirements.
- P10 Development. KR RN 14/07/2023
Electrical riser amended. Facade build up further development incorporated. Cladding area reduced. Cladding area stepped steelwork / additional grids indicated. Flue indicated. Notations added.
- P09 Development. KR RN 07/07/2023
Occupancy notes updated in line with Fire engineer information. Facade build up development incorporated. Cladding profile indicated. Area of cladding reduced, brickwork increased (refer to elevations).
- P08 Development. KR RN 19/06/2023
Window positions revised as per developing elevations. GIFA adjusted to suit elevational impact on external walls. Syphonic drainage outlets indicated. Risers amended. Services layout (CPE, revised stage 2 16/06/2023) added. Indicatively. Walkways amended.
- P07 Development. Detail added. KR RN 19/05/2023
Occupancies updated. Staircases refined. Staff kitchenettes added. Balustrades amended. Model refined.
- P06 WIP - Reconfigured scheme to 4 storeys. KR RN 15/05/2023
2023 February scheme revisited - third floor added, return to 4 storeys, following additional funding. Includes full floor plate at first floor, and an area of roof terrace at first floor level. Principals agreed 04/05/2023 based on option 1 set out in BCCTF-BBA-XX-XX-PP-A-021 and meeting discussion.
- P05 Development. Detail added. KR RN 06/02/2023
End User comments incorporated. Occupancies / GIFA indicated. Building depth reduced by 500mm to support rear escape.
- P04 Reconfigured scheme. KR RN 10/11/2023
2021 Stage 2 scheme revisited to align with funding. Building reduced to three storeys, voids infilled, envelope straightened and main layout principals mirrored. Principals agreed 15/12/2022 based on option 1 set out in BCCTF-BBA-XX-XX-PP-A-015.
- P03 Doors to Roof Top Plantroom updated. JB RN 26/08/2021
- P02 Indicative Roof Top Plant added. JB RN 18/08/2021
- P01 First issue. JB RN 25/07/2021

rev	description	drawn	checked	date



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Bradford College CTF
Thornton Road Site (JM)
Future Technologies Centre (FTC)
Bradford College

Proposed Roof GA Floor Plan

Originator project ref 21030	Purpose of Issue Design
Scale(s) 1:100	Status S2 Suitable for Information
Paper size A1	Revision P13

project originator volume level type role number	status revision
BCCTF-BBA-JM-RF-DR-A-2201	S2 P13

Plan Key - Occupancy
Occ: X+X - Occupancy: Student No. + Staff No.

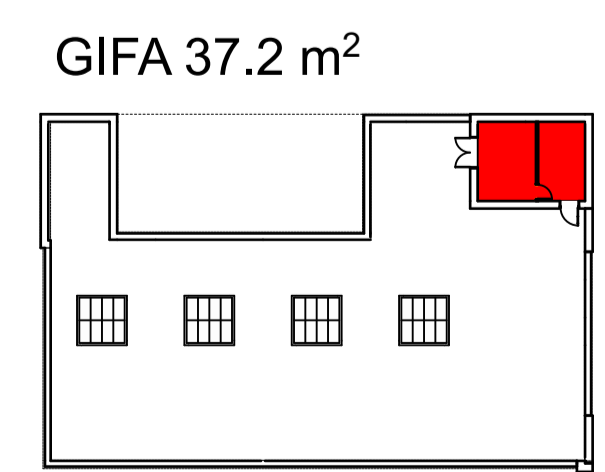
Fire / Design Occupancy					
Floor	Ground	First	Second	Third	
Student	88	113	172	140	513
Staff	12	10	24	11	57
	100	123	196	151	570
Upper levels	Staff / Student / Total 425 / 45 / 470				

As advised by Bureau Veritas - Read with current Bureau Veritas Fire Report - Vertical capacity over staircase 1 and 2 = 850 persons.
Horizontal capacity 1F/2F/3F 1700/3.6 = 472 persons.
Total capacity to each of the upper levels 280 persons.
Note: Staff within the building are double counted - within both teaching and staff rooms. With even distribution, in practise, staff can be counted once. There is spare capacity within upper floor staircase capacity for additional students / staff with any future division of 2F lab into two (two groups, +27).

WC Provision Occupancy
Note: Duplicate occupancies discounted ('Duplication' / 'Dup')

Floor	Ground	First	Second	Third	
Student	66	98	130	128	422
Staff	12	10	7	5	34
	78	108	137	133	456

24 WCs provided. Calculations as BS 6465-1:2006+A1:2009. +25% for individual WC provision. At 100% staff utilisation and 64% student utilisation, there is spare capacity for additional students / staff with any future division of 2F lab into two (two groups).



SECURITY / ACCESS - Ref CPW Access Plans

Main Entrance - Swipe card access control
Internal access barriers - Swipe card, 1800mm high bi-parting screens.
Teaching areas - Specialist / Machinery - Swipe card access control.
Teaching areas - Classrooms - Swipe card access control.
External terrace - Swipe card access control.
Ancillary space, stores etc - Suited key (except access control to 00-003)

OTHER

External - Blinds for glare only (no blackout blinds).
Internal - No blinds unless needed for glare.

GIFA						
Floor	Ground	First	Second	Third	Roof	
GIFA	782	790	800	610	37	3019