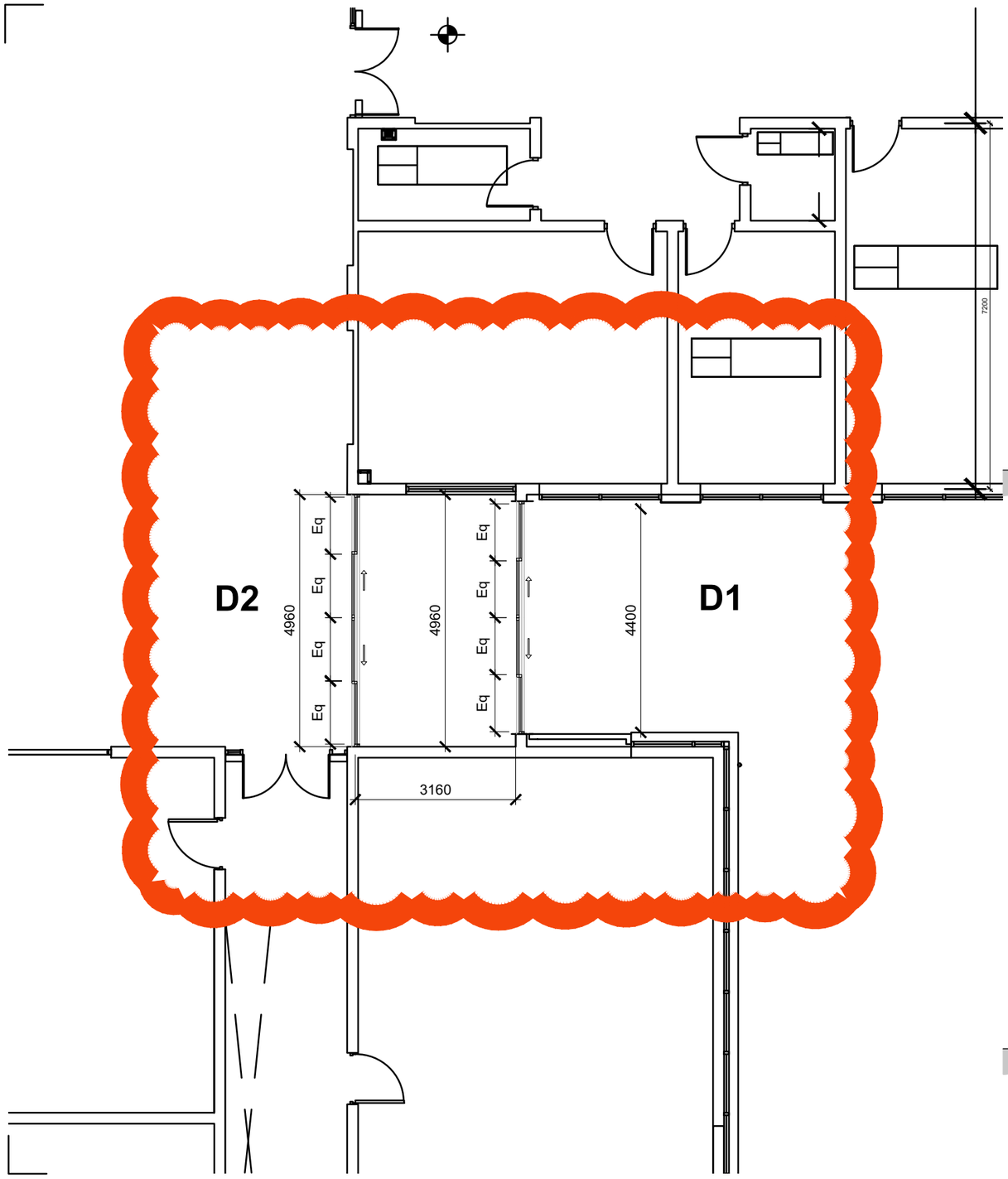
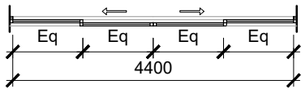


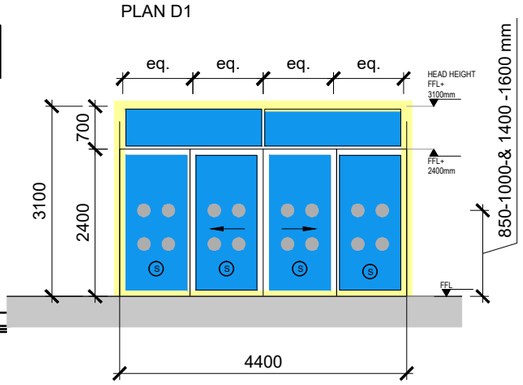
FLOOR PLAN & ELEVATIONS OF PROPOSED

SCALE 1:100

AUTOMATIC SLIDING DOOR D1 / D2

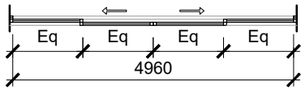


PLAN D1

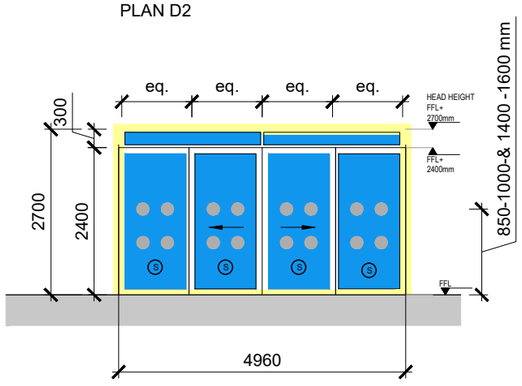


ELEVATION D1

AUTOMATIC SLIDING DOOR D1 / D2



PLAN D2



ELEVATION D2

DOOR TYPE D1 & D2

NOTE:
1. CLEAR WIDTHS ARE TO INCLUDE FOR DOOR HANDLE/IRONMONGERY IF IT OBSTRUCTS THE EFFECTIVE CLEAR WIDTH.
2. THESE DRAWINGS ARE INDICATIVE ONLY & SHOP DRAWINGS ARE TO BE SUPPLIED BY DOOR MANUFACTURER FOR APPROVAL.
3. DOOR TO BE CLEARLY DEFINED WITH PERMANENT MANIFESTATION ON THE GLASS, WITHIN TWO ZONES, FROM 850mm TO 1000mm AND FROM 1400mm TO 1600mm ABOVE THE FLOOR, CONTRASTING VISUALLY WITH THE BACKGROUND SEEN THROUGH THE GLASS (FROM INSIDE AND OUTSIDE) IN ALL LIGHTING CONDITIONS

IRONMONGERY: ALL IRONMONGERY TO ARCHITECT'S APPROVAL AS PER FUTURE IRONMONGERY SCHEDULE.

DOOR TYPE D1 (EXTERNAL) & D2 (INTERNAL) – AUTOMATIC SLIDING DOORS

QUANTITY: 2 NO.

DESCRIPTION
1. AUTOMATIC SLIDING DOOR SYSTEM, EACH COMPRISING 2 NO. SLIDING LEAVES, 2 NO. FIXED SIDE SCREENS, OVERHEAD OPERATOR, TRACK AND HEADER. dormakaba ES 200 / ST Flex OR EQUAL APPROVED. TO COMPLY WITH EN 16005.
2. D1: THERMALLY BROKEN ALUMINIUM, DOUBLE GLAZED, POLYESTER POWDER COATED TO RAL [TBC]. U-VALUE NOT TO EXCEED [1.6 W/m²K] W/m²K.
3. D2: ALUMINIUM, GLAZED, POWDER COATED TO MATCH D1.
4. OPERATOR HOUSING TO BE ACCOMMODATED WITHIN HEAD/TRANSOM ZONE. CONTRACTOR TO CONFIRM FIXING AND SUPPORT AT HEAD BEFORE MANUFACTURE.

CLEAR OPENING
5. MINIMUM EFFECTIVE CLEAR OPENING WITH LEAVES FULLY OPEN: D1 [1800]mm, D2 [1800]mm. MEASURED CLEAR OF FRAMES AND IRONMONGERY.

THRESHOLD & FLOOR
6. LEVEL THRESHOLD, MAXIMUM UPSTAND 15mm, EXPOSED EDGES CHAMFERED OR PENCIL ROUNDED.
7. NEW FLUSH MATWELL AND ENTRANCE MATTING AT D1 AND D2 [EXTENT TBC]. MAKE GOOD ADJACENT FLOOR FINISHES.

GLAZING
8. CLEAR LAMINATED SAFETY GLASS THROUGHOUT, TO BS EN 12600 AND BS 6262. GEORGIAN WIRED GLASS NOT PERMITTED.
9. PERMANENT MANIFESTATION IN TWO ZONES, 850–1000mm AND 1400–1600mm ABOVE FFL, CONTRASTING VISUALLY FROM BOTH SIDES IN ALL LIGHTING CONDITIONS.
10. SLIDING LEAVES TO BE CLEARLY DISTINGUISHABLE FROM FIXED SCREENS (E.G. CONTRASTING FRAME OR MANIFESTATION), REFER TGD M.

OPERATING MODES
D1 – EXTERNAL
11. AUTOMATIC OPENING ON SENSORS, ENTERING AND LEAVING, DURING THE SCHOOL DAY.
12. MOTORISED LOCK WITH KEY SWITCH FOR LOCKING WHEN SCHOOL IS CLOSED. LINK TO INTRUDER ALARM [TBC].

D2 – INTERNAL
13. AUTOMATIC OPENING ON SENSORS DURING OPEN ACCESS PERIODS (BEFORE SCHOOL, BREAKS, LUNCH, AFTER SCHOOL).
14. LOCKDOWN MODE: ENTRY BY STAFF KEYPAD OR RECEPTION RELEASE BUTTON(S) [LOCATION TBC]. EXIT FROM INSIDE BY PUSH PAD AT ALL TIMES.

D1 & D2 :
15. PROGRAMME SELECTOR FOR AUTOMATIC / HOLD OPEN / LOCKDOWN (D2) / LOCKED (D1). HOLD-OPEN MODE TO ALLOW GROUPS, DELIVERIES AND VENTILATION.
16. ON FIRE ALARM ACTIVATION DOORS TO OPEN FULLY AND REMAIN OPEN.
17. DOORS TO FAIL SAFE OPEN ON POWER FAILURE, OR PROVIDE BREAKOUT FACILITY TO ARCHITECT'S APPROVAL. BATTERY BACKUP TO OPERATORS.
18. FIRE ALARM INTERFACE TO BS 7273-4 [CATEGORY TBC].
19. ACTIVATION AND SAFETY SENSORS TO SUIT CHILDREN AND WHEELCHAIR USERS. CONTRACTOR TO PROVIDE EN 16005 RISK ASSESSMENT.

CONTRACTOR'S DESIGN
20. SPECIALIST TO DESIGN OPERATORS, SENSORS, LOCKING, ACCESS CONTROL AND FIRE ALARM INTERFACE. SHOP DRAWINGS, PRODUCT DATA AND DESIGN CERTIFICATION TO BE SUBMITTED FOR APPROVAL BEFORE MANUFACTURE.
21. INCLUDE POWER SUPPLY, CABLING AND CONTAINMENT FROM [SOURCE TBC]. INTEGRATE WITH EXISTING ACCESS CONTROL / INTERCOM [TBC].
22. INCLUDE TESTING, COMMISSIONING, STAFF TRAINING, O&M MANUALS AND AS-INSTALLED DRAWINGS.

STRIP OUT & MAKING GOOD
23. REMOVE EXISTING D1 ALUMINIUM DOORS/SCREENS AND D2 TIMBER DOORS/SCREENS AND DISPOSE OFF SITE.
24. MAKE GOOD REVEALS, HEADS, FLOORS AND DECORATION.
25. RELOCATE / REINSTATE EXIT SIGNAGE, EMERGENCY LIGHTING, ENTRANCE SIGNAGE AND WALL-MOUNTED SERVICES AS REQUIRED.
26. SECURE ENTRANCE AND ESCAPE ROUTE TO BE MAINTAINED THROUGHOUT THE WORKS.

GENERAL
27. DRAWINGS ARE INDICATIVE. SHOP DRAWINGS BY DOOR MANUFACTURER FOR APPROVAL.
28. ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE MANUFACTURE.
29. REFER TO FIRE SAFETY DOCUMENTATION AND ARCHITECT'S SPECIFICATION.
30. ANY DISCREPANCIES TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT.

D2 LOCKDOWN TO BE ACTIVATED FROM RECEPTION [KEY SWITCH / BUTTON – TBC].

NOTE:

Any discrepancies to be brought to the notice of the Architect

Refer to complete Fire Certificate Documentation and Drawings

NOTE - AUTOMATIC DOOR SHALL COMPLY WITH SECTION 1.4.3.6(1A) OF TGD DOC B 2006

WHERE TRADE NAMES ARE USED TO DESCRIBE THE QUALITY OF A PRODUCT, THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE PRODUCT WHICH MEETS THE SAME SPECIFICATION AND PROVIDES THE SAME WARRANTIES AS THAT SPECIFIED.
ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS SPECIFICATION

LEGEND:

NOTE: area's that require particular attention to airtightness alongside all other areas shown as -

N

Notes:

Notes:
ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS
ALL MATERIALS AND DETAILS USED IN CONSTRUCTION, TO COMPLY WITH CURRENT BUILDING REGULATIONS
ALL COMPONENTS AND MATERIALS TO BE INSTALLED FULLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE WORK IS CARRIED OUT.
FIGURED DIMENSIONS ONLY ARE TO BE TAKEN FROM THIS DRAWING.

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SITE: Glenart College Arklow Co.Wicklow

TITLE: EW for Disabled Access

TR-202	2026-172	07.11.26
DRAWING NO.	PROJECT NO.	DATE.

See Drn	DF		
SCALE AT A3.	DRAWN.	CHECKED.	REVISION.

RIAI Registered Architect 2026

DAVID FALCONER ARCHITECTS
Praha House
Tivoli Terrace Tramore Waterford
086-2702215
davidfalconerarchitects@outlook.com
dfalconerarchitects.ie