

FOR CONTINUATION REFER TO DRG No. RD001-RAM-XX-00-DR-E-6102

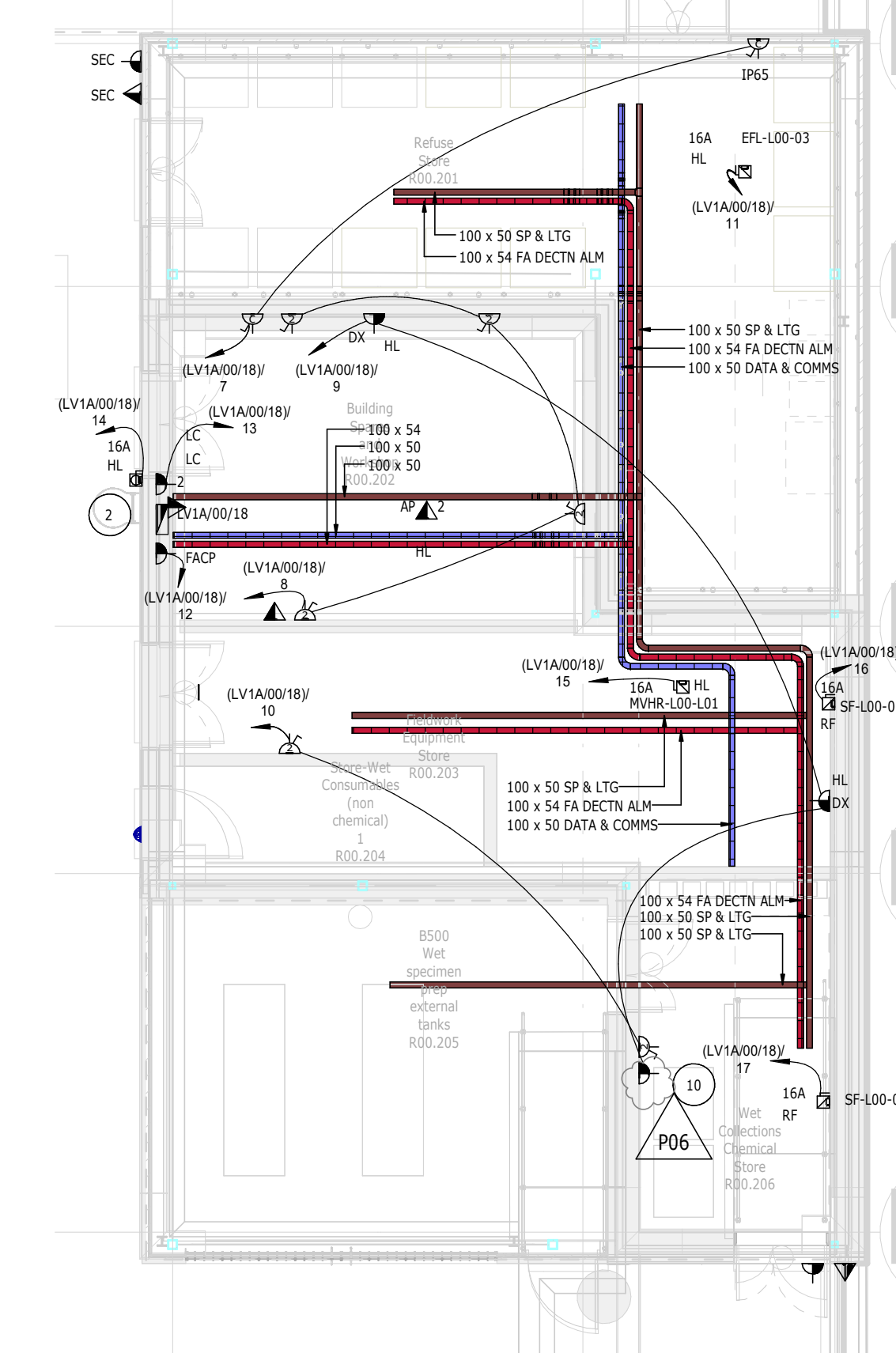
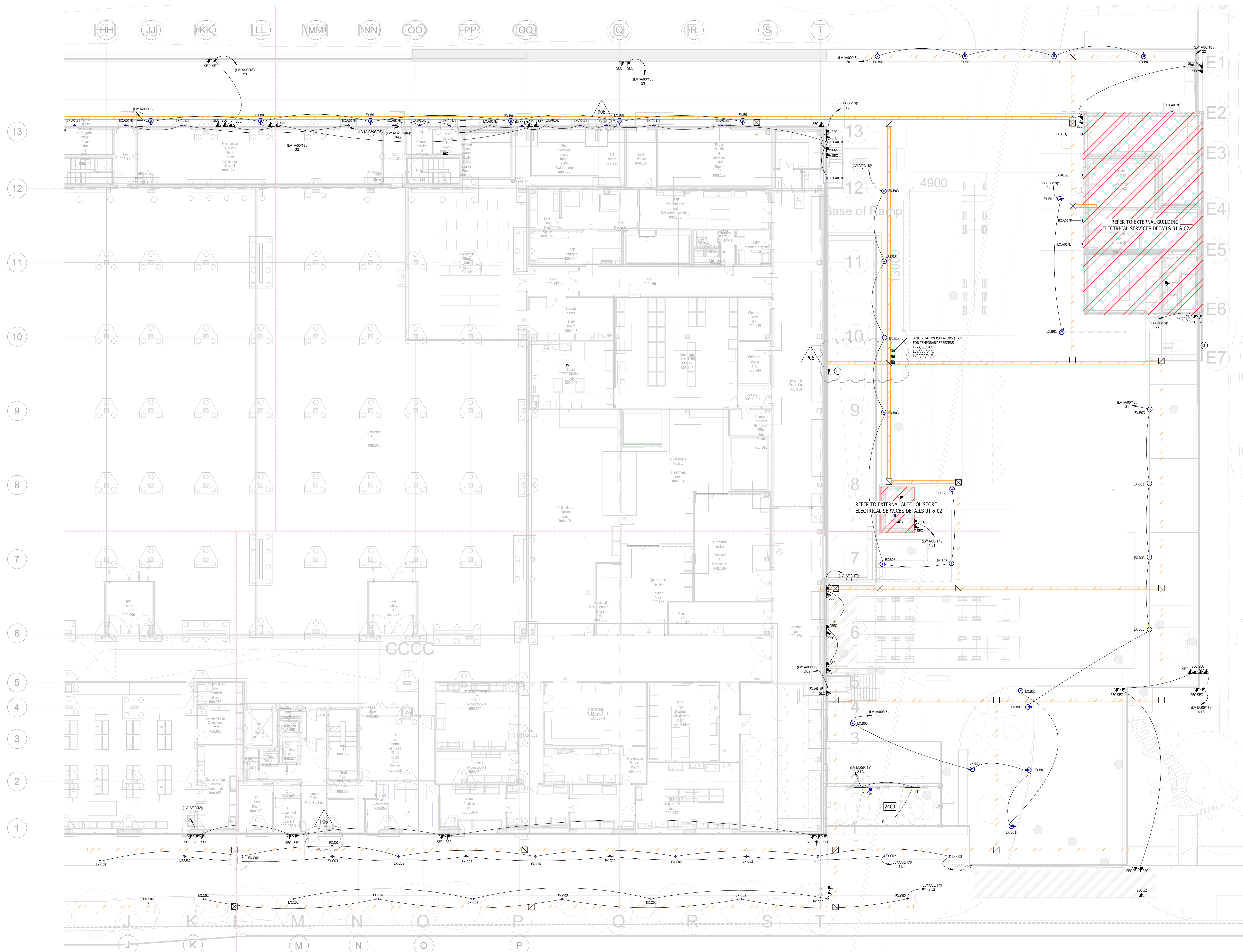
LUMINAIRE MOUNTING HEIGHTS

UNLESS OTHERWISE NOTED ON THE DRAWINGS, EXTERNAL LUMINAIRES SHALL BE INSTALLED AT THE FOLLOWING HEIGHTS (AFFL):

FAÇADE LIGHTING:

- MAIN BUILDING - 2600mm
- EXTERNAL BUILDING - 2400mm

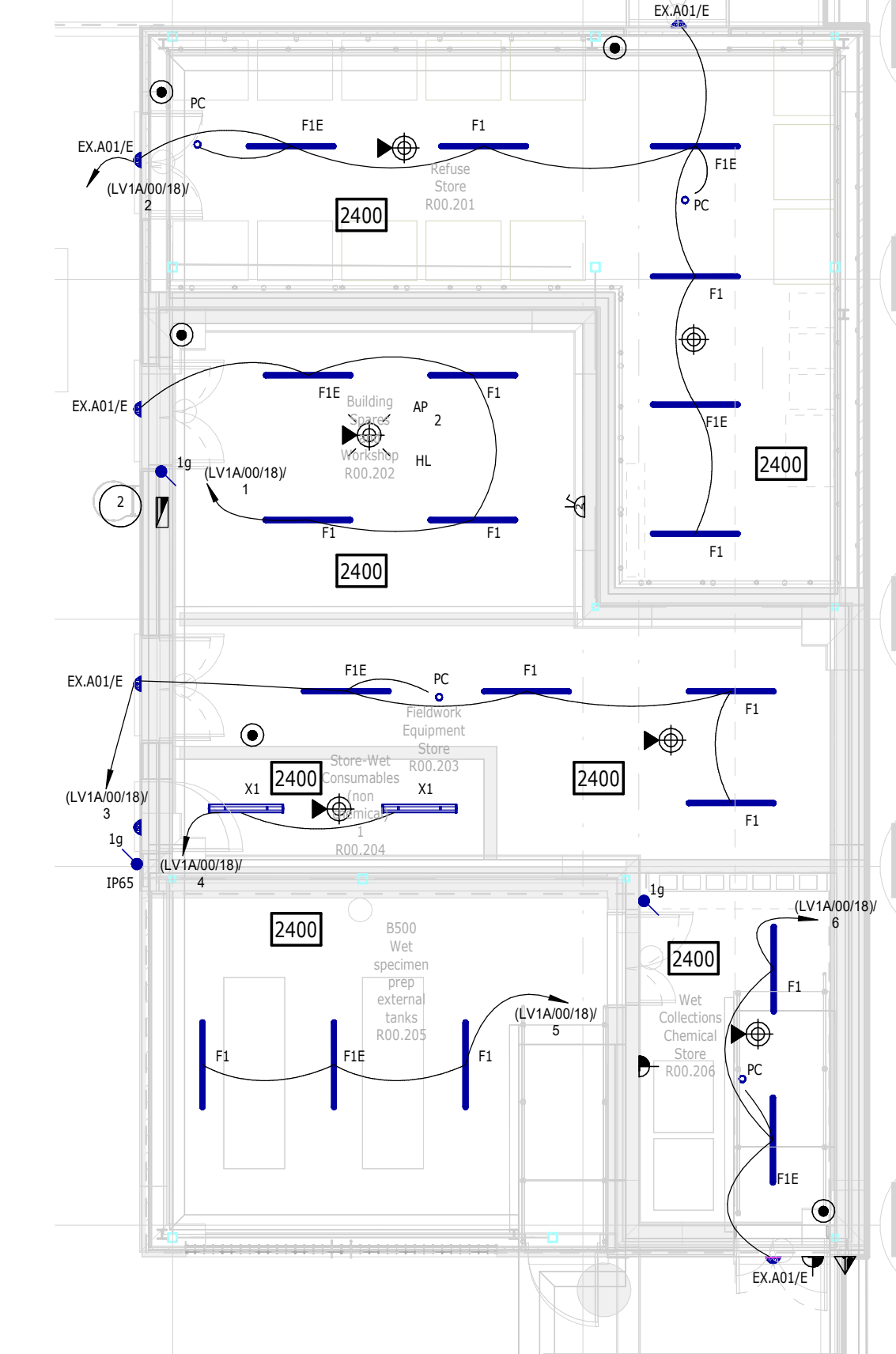
3550 DENOTES MOUNTING HEIGHT OF LUMINAIRES WITHIN A SPACE (mm)



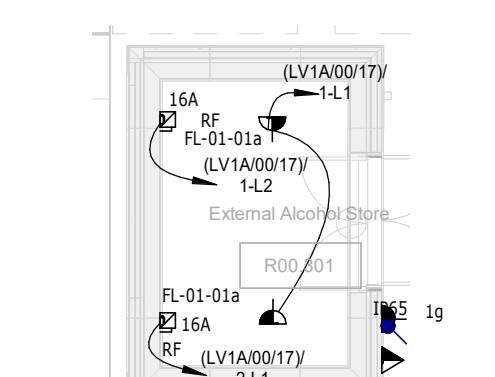
DETAIL

1 : 100 RD001-RAM-XX-00-DR-E-601

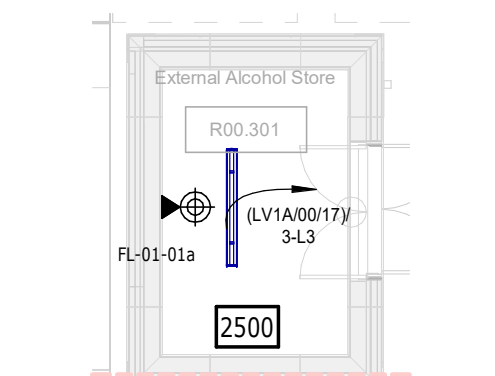
EXTERNAL BUILDING -
SMALL POWER, DATA &
CONTAINMENT SYSTEMS



DETAIL 2
1 : 100 RDD01-RAM-XX-00-DR-E-603
EXTERNAL BUILDING -
LIGHTING & FIRE ALARM
SYSTEMS



DETAIL 5
1 : 100 RD001-RAM-XX-00-DR-E-61
EXTERNAL ALCOHOL STORE
- SMALL POWER, DATA &
CONTAINMENT SYSTEMS



DETAIL 4
1 : 100 RD001-RAM-XX-00-DR-E-601
EXTERNAL ALCOHOL STORE
- LIGHTING & FIRE ALARM
SYSTEMS

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NOT

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|----|---|
| 1. | DO NOT SCALE FROM THIS DRAWING. |
| 2. | ALL DIMENSIONS ARE IN MILLIMETRES U.N.O. |
| 3. | ALL LEVELS ARE IN METRES ABOVE ORDINANCE DATUM U.N.O. |
| 4. | THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWING AND REPORT. |
| 5. | ALL DRAWINGS ARE BASED ON FROZEN ARCHITECTURAL DRAWINGS, DATED 11/04/25, AND THE CORRESPONDING REVIT MODEL ISSUED ON 11/04/25 |
| 6. | 'E' DENOTES EMERGENCY LUMINAIRE FITTING |

DRAWING NOTES

THIS DRAWING HAS BEEN PRODUCED TO SHOW THE ELECTRICAL SERVICES INTENT AND TO AID THE CONTRACTOR THROUGH THE TENDERING PROCESS. THIS DRAWING IS NOT FULLY COORDINATED WITH ALL PARTIES AND IS SUBJECT TO FURTHER DEVELOPMENT.

CONTRACTOR TO DESIGN AND INSTALL LIGHTNING PROTECTION TO ALL EXTERNAL BUILDINGS AND STORAGE ROOMS IN ACCORDANCE WITH BS EN 62305.

KEY NOTES

1. LOADING BAY LTG & SP DB (LV1A/001/17)
2. OUT BUILDING LTG & SP DB (LV1A/001/18)
3. ALL DEVICES TO BE AT EXE RATED
4. FM ROOM TO HOUSE LIGHTING CONTROL HEAD-END, INCLUDING ASTRONOMICAL TIME CLOCK CONTROLS FOR ALL EXTERNAL LIGHTING SYSTEMS.
5. DOCK LEVELLER SUPPLY
6. SCISSOR LIFT SUPPLY
7. SUPPLY & INTERFACE FOR ALCOHOL VAPOUR ALARM
8. FORKLIFT CHARGING POINT (DETAILS TO BE CONFIRMED)
9. TEMPORARY FREEZER SUPPLY
10. TEMPORARY FREEZERS DB (LV2A/001/04)
11. ALARM PANEL - REFER TO 'RD001- RAN-XX-00-01-00-N-5800' FOR DETAILS ON ALARM TYPE

LIGHTING LEGEND

- | | |
|--------|---|
| EX.A01 | EXTERNAL WALL MOUNTED LINUMAIRE |
| EX.A02 | EXTERNAL WALL MOUNTED LINUMAIRE |
| EX.B01 | INTERNAL POLE MOUNTED LINUMAIRE, TYPE 1 |
| EX.B02 | INTERNAL POLE MOUNTED LINUMAIRE, TYPE 1 |
| EX.C01 | EXTERNAL LIGHTING BOLLARD |
| EX.D01 | EXTERNAL RECESSED LINUMAIRE |
| F1 | SURFACE MOUNTED LINEAR LINUMAIRE |
| | TELESCOPIC H/W RATED BOLLARD. REFER TO LANDSCAPE DESIGNERS INFORMATION PAGE FOR BOLLARD TYPE |
| | TWIN FLOOR STANDING 22kW ELECTRIC VEHICLE RECHARGING STATION WITH EMBEDDED MID METERING. |
| | FINAL POSITIONING OF EVC STATIONS TO BE COORDINATED WITH LANDSCAPE SPECIALIST. |
| | BELOW GROUND SERVICE DUCT. EXACT SIZE AND ROUTING TO BE COORDINATED BY THE CONTRACTOR DURING THE NEXT DESIGN STAGE. CURRENT PROVISION IS FOR BELOW GROUND SERVICE DUCTS TO BE 300mm, BURIED AT DEPTH OF 450mm. |
| | ACCESS PIT TO SERVICE DUCT. ACCESS PIT TO BE COMPLETE WITH INFILL SCREEN TO MATCH THE SURROUNDING PAVING/LANDSCAPING. THE CURRENT PROVISION IS FOR ACCESS PITTS TO BE 600mm x 600mm. EXACT SIZING OF ACCESS PITTS TO BE COORDINATED BY THE CONTRACTOR DURING THE NEXT DESIGN STAGE. |

- 150mm x 25mm MEDIUM DUTY FIRE ALARM CABLE TRUNKING.
- 100mm x 50mm 2 COMPARTMENT GALVANISED TRUNKING.
- ▲ TWIN SWITCHED SOCKET OUTLET
- ▲ FUSED UNSWITCHED CONNECTION UNIT
- ▲ DATA OUTLET
 - SP & N SWITCH DISCONNECTOR (RATING AS INDICATOR)
 - SP & N ROTARY SWITCH DISCONNECTOR (RATING AS INDICATOR)
 - TP & N SWITCH DISCONNECTOR (RATING AS INDICATOR)
- FIRE ALARM BREAKGLASS UNIT
- AUTOMATIC DETECTOR WITH ELECTRONIC SOUNDER

Rev	Description	Date	By /	Appr /
P06	STAGE 4A REDESIGN DRAWING ISSUE	16/05/25	WH / RB	WH / RB
P05	STAGE 4A REDESIGN DRAWING ISSUE	21/03/25	WH / RB	RZ
P04	STAGE 4A DRAWING ISSUE	31/07/24	RZ / CM	RZ
P03	STAGE 4A DRAWING ISSUE FOR REVIEW AND COMMENT	28/03/24	RZ / CM	RZ
P02	STAGE 3 DRAWING ISSUE	17/10/23	AR / CM	RZ
P01	STAGE 3 DRAWING ISSUE FOR REVIEW AND COMMENT	29/06/23	AR / CM	RZ

STATUS - S4

NHM UNLOCKED

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ELECTRICAL SYSTEMS
EXTERNAL SERVICES
COMBINED ELECTRICAL
SERVICES DRAWING
SHEET 1 OF 2

Project No: 1620012379	Scale (of A0): 1:150	Date: 28/04/23	Drawn: AR
Drawing No: RD001-RAM-XX-00-DR-E-6101			Rev: P06