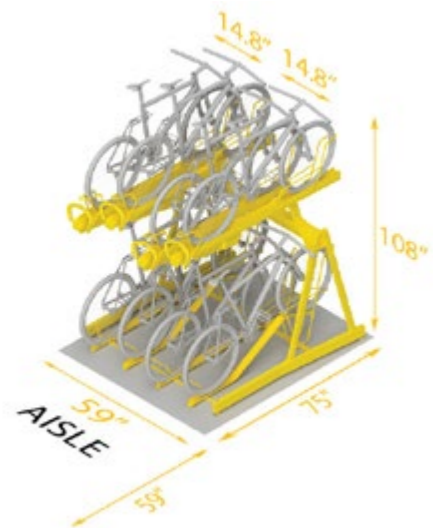


7.5 Bicycle Storage

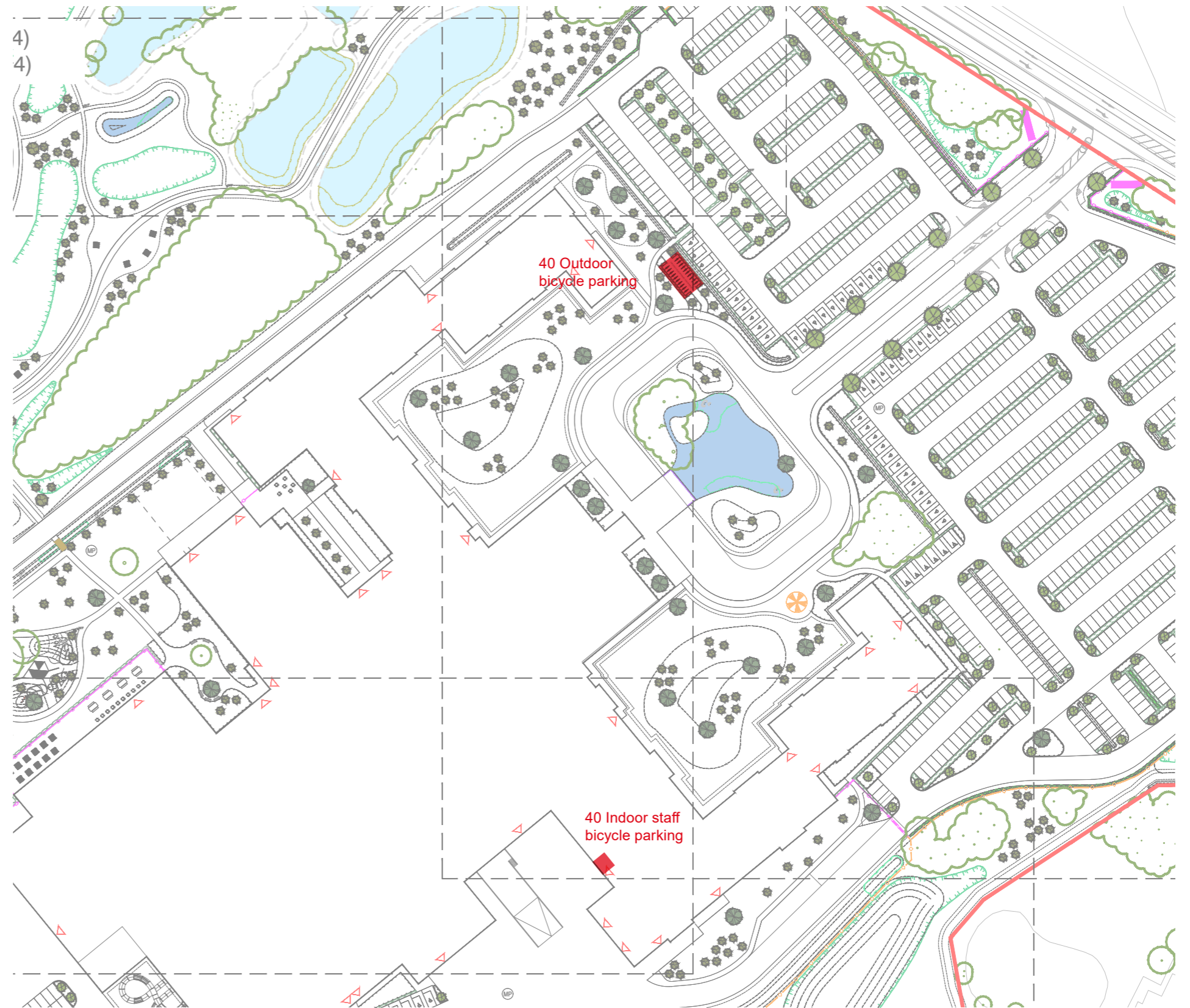
There are designated facilities for 40 cycles for anticipated staff numbers on double tier bicycle racks - adjacent to the security entrance within the building. There are also 40 day-guest spaces (provided by 20 Sheffield style hoops) to the side of the main hotel entrance.



Outdoor bicycle storage facilities example.



Indoor staff double tier bicycle storage example.



Location of designated cycle parking.

7.6 Security

Summary

The high-level aim of the security design for the Great Wolf project is to provide both appropriate and proportionate security risk mitigation measures that allow guests, staff and public users to not only be, but feel, safe and secure.

A formal Security Needs Assessment (SNA) has been undertaken to determine security recommendations across the development. As part of the SNA, a detailed threat assessment has been completed that identifies the design basis threats from which the security risks are assessed. This approach will provide a robust, auditable methodology to identify the security risks posed to the site or assets and subsequent recommendations for treatment.

Throughout the process, reference to international best practice for the incorporation of security design into projects, such as Crime Prevention Through Environmental Design (CPTED) and engagement with both internal and external development stakeholders, including, but not limited to, the Thames Valley Police Designing Out Crime Officer (DOCO) has been taken.

It also acknowledges the guidance of the National Planning Policy Framework (NPPF), which instructs local authorities to promote healthy and safe communities by considering wider security and defence requirements and support the need for appropriate and proportionate security solutions to be applied.

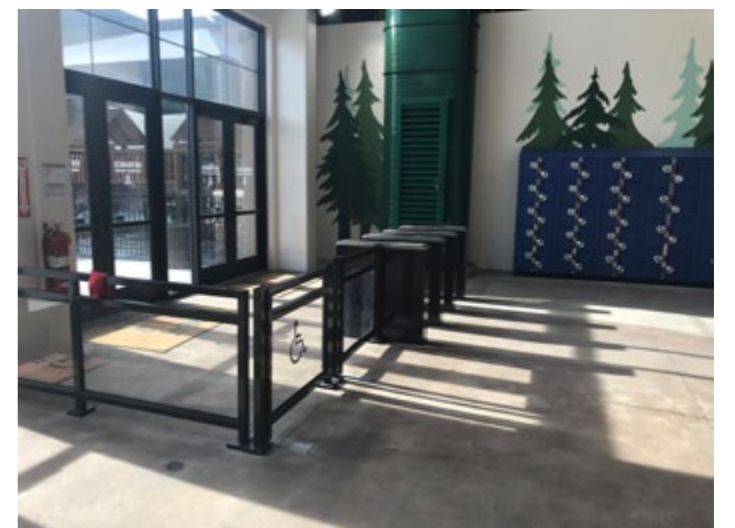
Recommendations for the Design:

Site Overview

- Lighting to illuminate building curtilage and surrounding gardens to support natural and active surveillance.
- Lighting to illuminate vehicle access entrance points, vehicle / bus drop off area, car parks and service roads to support natural and active surveillance.
- Lighting to illuminate the building envelope to support natural and active surveillance.
- Surveillance to monitor activity within the vehicle access entrance points, vehicle / bus drop off area, car parks and on-site road access.
- Surveillance to monitor activity at the exterior BOH vehicle barriers and within the exterior BOH area.
- Surveillance to monitor access to all points of ingress and egress to / from the building.
- Intrusion detection and control of access to transformers and plant rooms.
- Intruder detection system to emergency escape exits.
- Intruder detection system to external FEC and Water Park point of access.
- A physical barrier at the plot boundary with adjacent residences.
- A vehicle barrier to restrict vehicular flow from guest car parks and service roads to exterior BOH and staff car park.
- Control of pedestrian access between the guest car park / surrounding gardens with the exterior BOH area.
- A means to control and monitor staff entry into the building.
- Provide demarcation between surrounding gardens and the exterior of conference event space.
- Provide ability for audio and visual communication from key operational access-controlled points.
- Audio and visual communication at the exterior BOH vehicle barriers and vehicle entrance point.
- Robust policies and procedures to manage vehicular movement around the site.

Ground Floor Overview

- Ensure security zones are established that support strategic security layering / defence in depth, particularly, but not limited to, the hotel entrance and staff entrance.
- Control of access to hotel lifts and hotel circulation.
- Control of access to retail outlets during out of 'operating hours'.
- Control of access to the banquet room and meeting rooms.
- Physical barrier to the luggage storage and high-risk stores.
- Surveillance to monitor activity within the reception, restaurants / food stands and retail outlets including coverage of the relevant points of sale.
- Surveillance to monitor activity within BOH circulation.
- Surveillance to monitor access to the emergency stair cores and exits.
- Surveillance to monitor activity within hotel circulation and hotel lifts.
- Ensure emergency escape exit doors can only be opened in the flow of evacuation.
- Ensure emergency escape exits / final exit doors are alarmed.
- A minimum of two lines of control to all sensitive BOH rooms to prevent unauthorised ingress into specific BOH areas.
- Both a safe and drop safe within the Cashier's office.
- Means for staff to manage access permissions e.g. additions to electronic access control systems or issuing of security keys.
- Associated infrastructure to support electronic security systems.
- Ability for audio and visual communication from key operational access-controlled points.
- Ability to detect unauthorised movement within or between security zones.
- Dynamic lock-down capability (including cores).



Examples from other completed projects.

Appendix

List of Accompanying Drawings:

General Drawings:

Site

Location Plan	00-ZZ-DR-A-TP-0100
Existing Site Location Plan	00-ZZ-DR-A-TP-0101
Proposed Site Plan	00-ZZ-DR-A-TP-0102
Proposed Sitewide Sections	00-ZZ-GS-A-TP-0103

GA Plans

Proposed Ground Floor Plan	00-GF-DR-A-TP-0200
Proposed First Floor Plan	00-01-DR-A-TP-0201
Proposed Second Floor Plan	00-02-DR-A-TP-0202
Proposed Third Floor Plan	00-03-DR-A-TP-0203
Proposed Roof Plan	00-05-DR-A-TP-0204
Proposed Basement Plan	00-B1-DR-A-TP-0199

1:100 GA Plans

Proposed Ground Floor Plan	00-GF-DR-A-TP-0311 to 0323
Proposed First Floor Plan	00-01-DR-A-TP-0324 to 0331
Proposed Second Floor Plan	00-02-DR-A-TP-0332 to 0338
Proposed Third Floor Plan	00-03-DR-A-TP-0339 to 0345
Proposed Roof Plan	00-RF-DR-A-TP-0346 to 0358
Proposed Basement Plan	00-B1-DR-A-TP-0359

GA Elevations

Proposed Elevations - East	00-XX-EL-A-TP-0401
Proposed Elevations - West	00-XX-EL-A-TP-0402

GA Sections

Proposed Sections	00-XX-GS-A-TP-0501
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Proposed Typical Bay Study

Proposed Typical Bay A	00-XX-DR-A-TP-4101
Proposed Typical Bay B	00-XX-DR-A-TP-4102
Proposed Typical Bay C	00-XX-DR-A-TP-4103
Proposed Typical Bay D	00-XX-DR-A-TP-4104
Proposed Typical Bay E	00-XX-DR-A-TP-4105
Proposed Typical Bay F	00-XX-DR-A-TP-4106
Proposed Typical Bay G	00-XX-DR-A-TP-4107

Proposed Elevations

Proposed Elevations- NE	00-XX-DR-A-TP-4201
Proposed Elevations- NE	00-XX-DR-A-TP-4202
Proposed Elevations- SW	00-XX-DR-A-TP-4203
Proposed Elevations- SW	00-XX-DR-A-TP-4204
Proposed Elevations- NW	00-XX-DR-A-TP-4205
Proposed Elevations- NW	00-XX-DR-A-TP-4206
Proposed Elevations- SE	00-XX-DR-A-TP-4207
Proposed Elevations- SE	00-XX-DR-A-TP-4208

Proposed Ancillary Buildings

Pumping Station and Substation	00-GF-DR-A-TP-7701
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Landscape Drawings:

Landscape General Arrangement Plans

Overall Landscape General Arrangement	BMD.19.010.DR.P001
Landscape General Arrangement	BMD.19.010.DR.P101 to P104

Planting Plans & Schedules

Planting Plan	BMD.19.010.DR.P301 to P304
Planting Schedules	BMD.19.010.DR.P305

Maintenance & Management Plan

Landscape Management & Maintenance Plan	BMD.19.010.RP.P002
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