Designing Transportation Locations for Safety and Security Transport

Safety and Security Workshop
Coventry University 2024

Hand in Hand

Safety

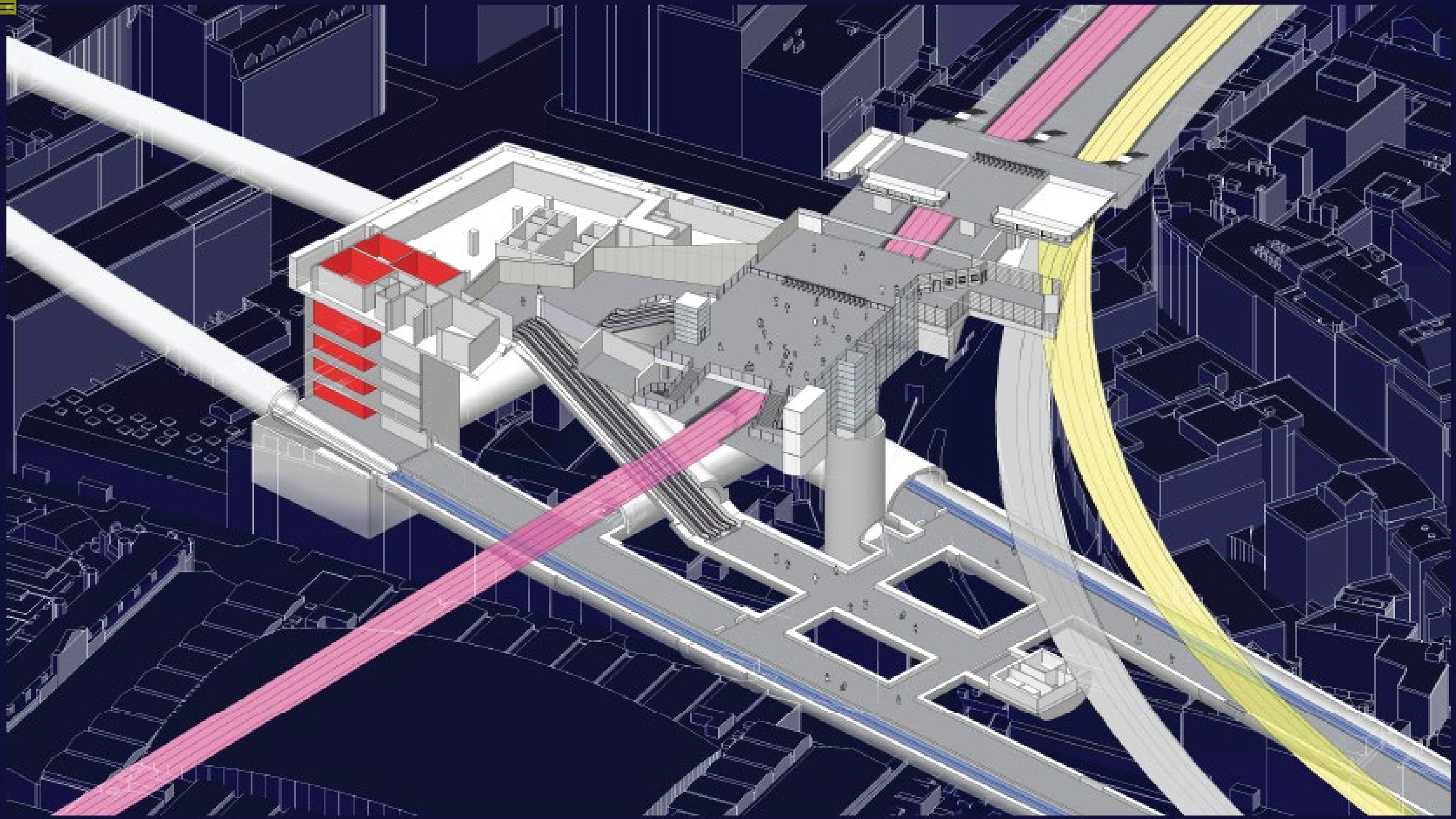
Security

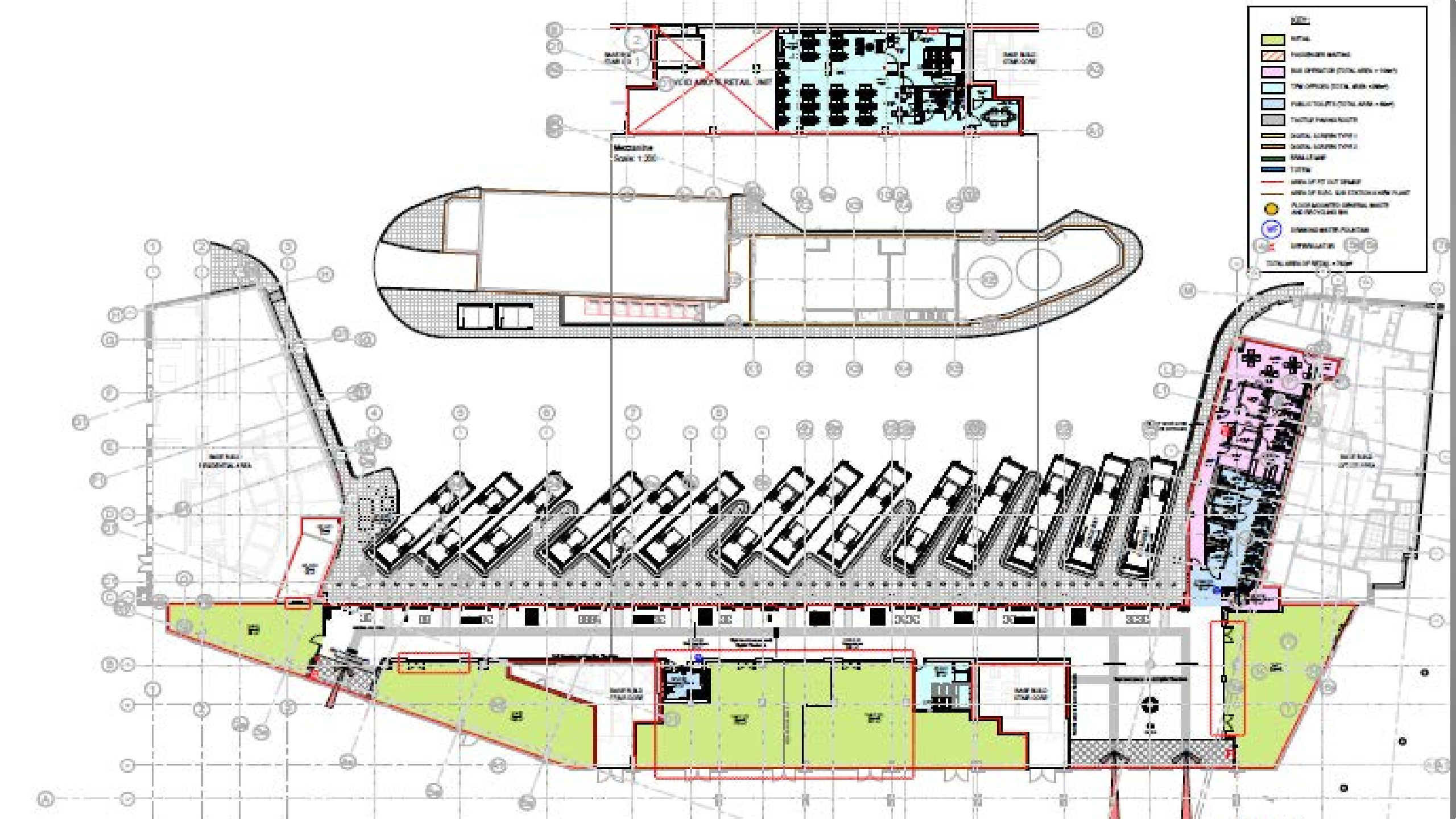
Aims and Objectives

- **As safe and secure environment as practical for staff and the public alike.**
- **Use of standards, best practices, knowledge, experience and material selection.**
- **Focus on a risk-based pragmatic and realistic approach.**

Security Considerations

- **Crime**
- **Terrorism**
- **Anti-Social Behaviour**





Security in Design

- **What does this mean?**
- **Who should consider it?**
- **Why is it relevant?**
- **When should it be incorporated?**

Approach to Security

Delivering Security in Design for Transport locations: following CPTED principles.

Security Factors

- Functionality
- Cost Effective
- Realistic
- Proportionate

GIRAFFE
PRIZZO
BENITO'S HAT
King's Cross St Pancras
Underground Station

Process

- **Threat - Define**
- **Vulnerability – Assess**
- **Risk – Mitigation proposals**
- **Security Measures – Specified**
- **Review – Confirm Risk has been addressed**

PADDINGTON CROSSRAIL

SIDOS Approach to Delivering Security

- **Define and Agree Requirements**
- **Understand Architecture Intent**
- **Draw on Experience**
- **Work with Architects**
- **Retain Architectural Vision**
- **Incorporate Security**
- **Confirm through Engineering**

LIFTS
LIFTS

Security in Design - Delivering Counter Terrorism

- **Define and agree requirements**
- **Robustness of Structure**
- **Material Selection**
- **Fixtures and Fittings retention**
- **Identify methods for acceptance**
- **Ensure compliance with requirements**

CANNON STREET UNDERGROUND STATION

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