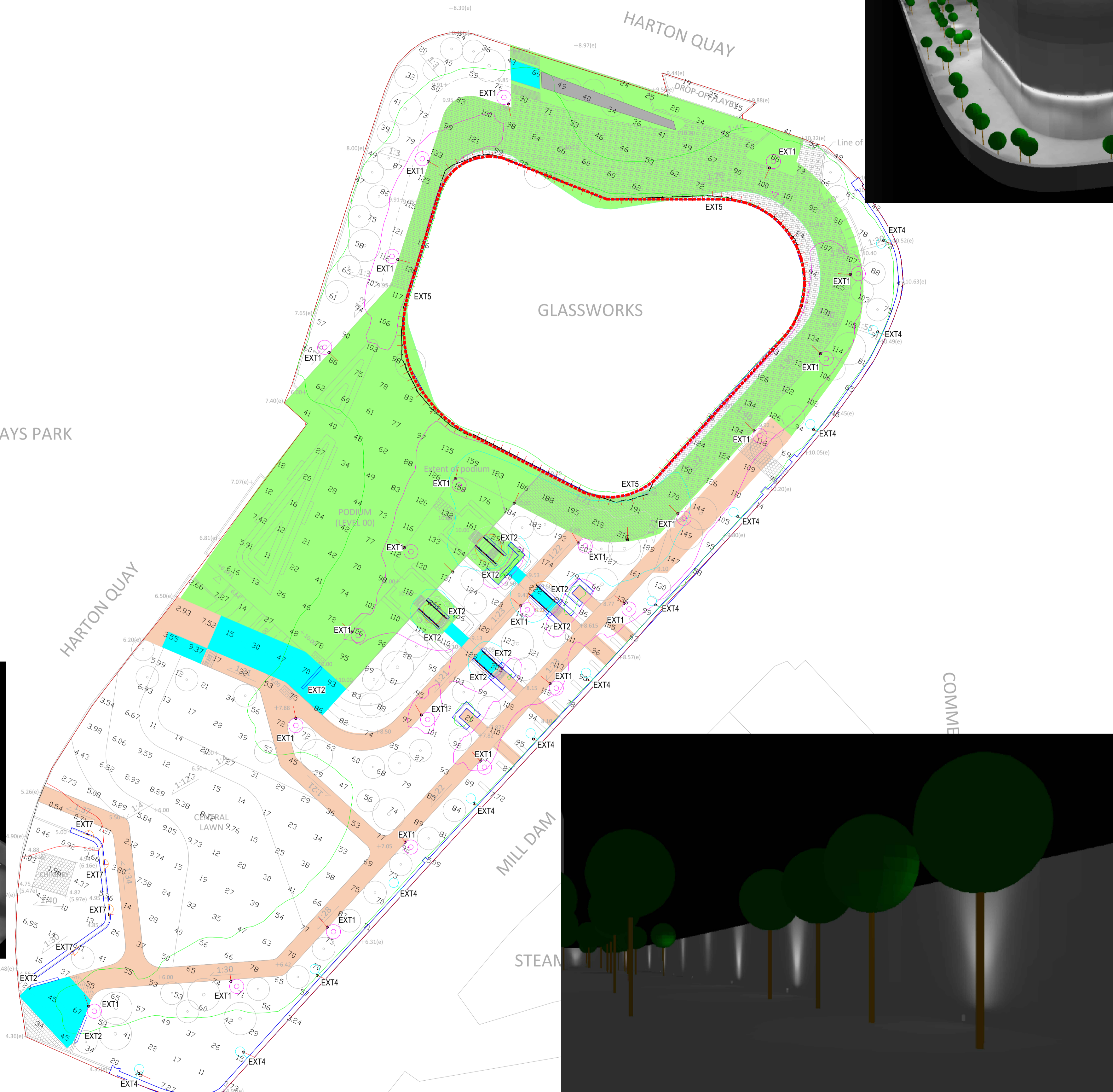
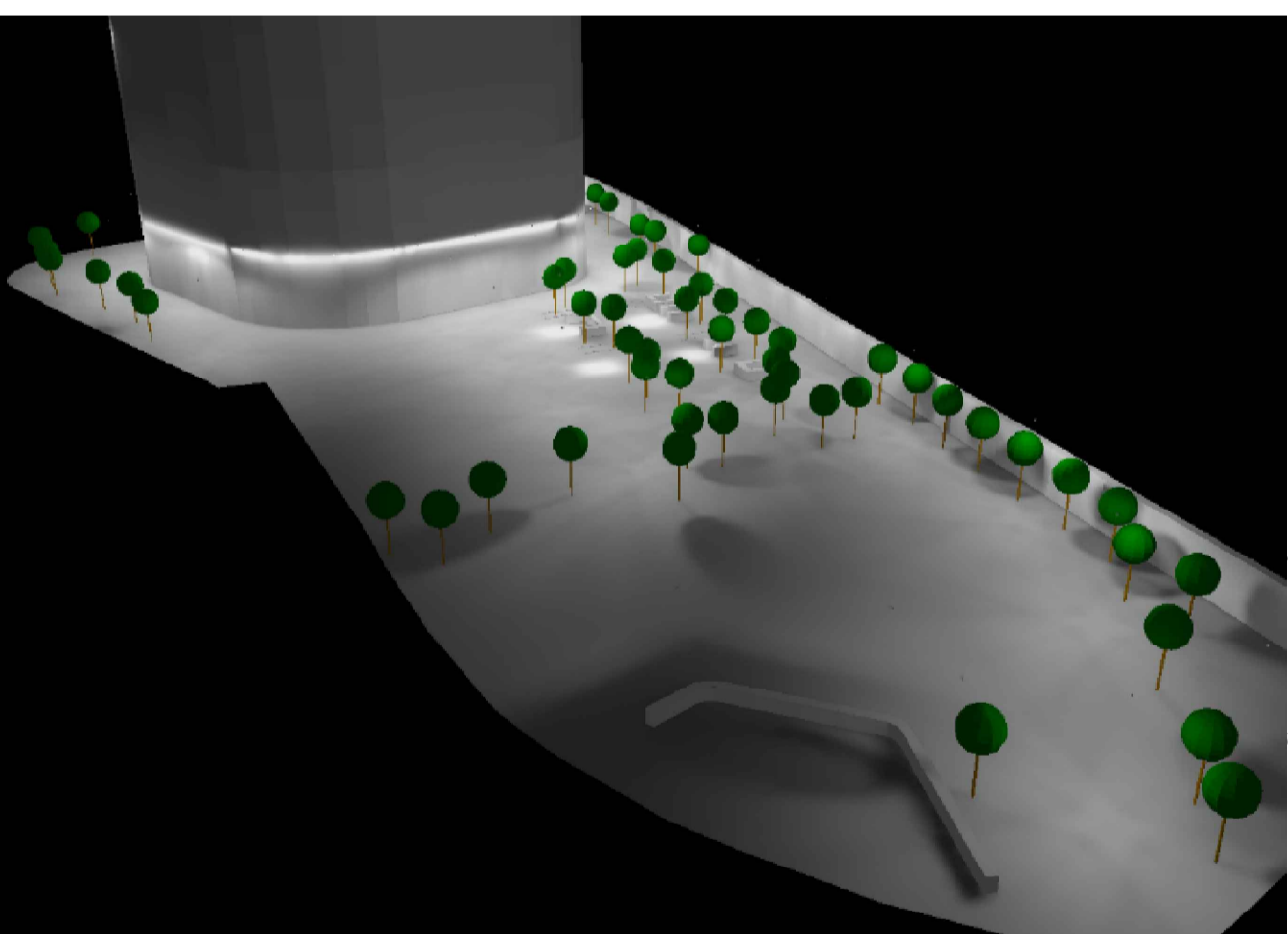
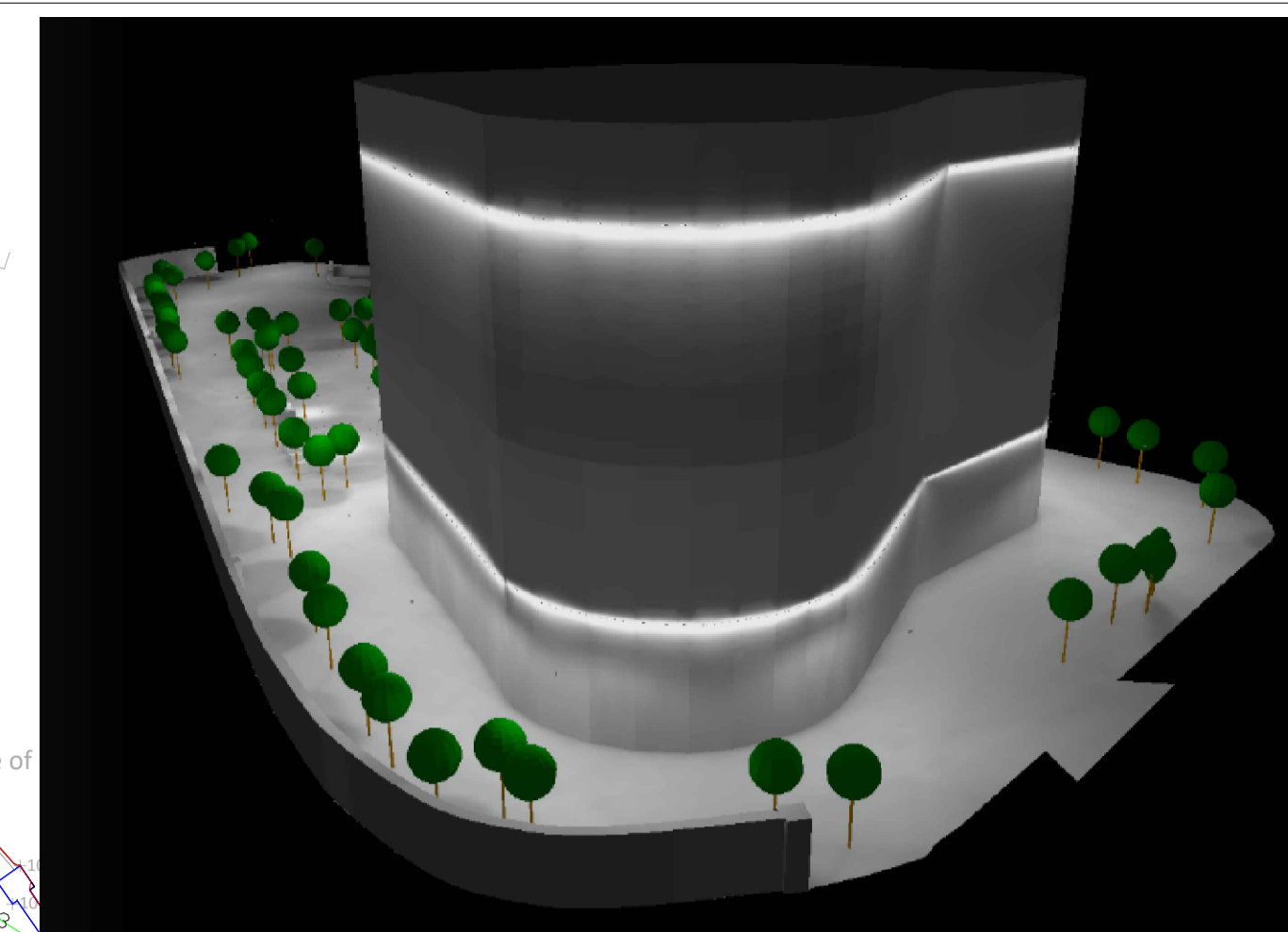


NOTES:

1. THE LUMINAIRES INDICATED ON THIS DRAWING SHALL BE USED FOR INDICATIVE INFORMATION PURPOSES AND SHALL NOT BE USED FOR PRICING OR QUANTITIES.
2. THE FINAL LOCATION AND QUANTITIES OF ALL EXTERNAL LUMINAIRES SHALL BE CONFIRMED SUBJECT TO STAGE 4 - DETAILED DESIGN.
3. LIGHTING CONTROLS TO BE VIA AUTOMATIC TIME CLOCK AND PHOTOCELL ARRANGEMENT C/W MANUAL OVERRIDE.



- General Notes
1. This drawing has been checked in accordance with Black & White Engineering (B&W) QA checking procedures.
 2. Do not scale from this drawing. All dimensions indicated are in millimeters unless otherwise stated. Validate all measurements on site.
 3. All plant and equipment dimensions are typical. The Contractor should show actual, approved plant and equipment sizes.
 4. This drawing is to be read in conjunction with all relevant B&W MEP specifications, schedules and standard key to symbols sheet.
 5. Any discrepancies between the drawings and other documents should be brought to the attention of the engineer.
 6. This drawing is not an installation drawing. It is the Contractor's responsibility to make final coordinated installation shop drawings.
 7. Final routing coordination subject to interior design package.
 8. Contractor to coordinate final distribution routes with available sleeves and openings in beams / structure.
 9. The contents of this drawing shall be read in conjunction with the current revisions of other relevant Architectural, Structural, Mechanical and Electrical drawings and all relevant sections of the specifications.

- LEGEND:
- EXT1 6M LIGHTING COLUMN, IP66, 140LM/W, C/W 4000K LED, AS PER DW WINDSOR MILANO HALO CATALOGUE.
 - EXT2 900MM, 521LM, 10.8W LED HANDRAIL LUMINAIRE, AS PER DW WINDSOR Z GARDA HANDRAIL CATALOGUE.
 - EXT3 UPLIGHT LUMINAIRE
 - EXT4 5W, 300LM, IP67, C/W 4000K LED, WALL WASHER LED LUMINAIRE, AS PER URBIS SCHREDER CATALOGUE.
 - EXT5 CONTINUOUS LED STRIP, IP54, 9W/M, C/W 3000K LED, MOUNTING TRACK CONNECTIONS, ENDCAPS, PSUS AND DIMMING MODULES TO FORM A COMPLETE SYSTEM.
 - EXT6 5.7W, 10LM, 4000K, IP68, FLOOR MOUNTED STAINLESS STEEL 316, AS PER COLLINGWOOD LIGHTING CATALOGUE.
 - EXT7 24W, 1890LM, IP65, C/W 4000K LED, AS PER BEGA LIGHTING CATALOGUE.
 - Dusk Till Dawn Photocell Sensor.

P01	Stage 4 - Issued for Costing	TKK / JOB / GRW	15 / 03 / 21
Rev	Details	By / Chkd / App	Date

Drawing Development
 This drawing has been developed from the following Design Information:
Architectural:
 HTQ-RYD-00-ZZ-M3-A-9901-Architecture_Model-P15.rvt
 Received: 10/03/21
Structural Model:
 070715-CUB-00-ZZ-M3-S-0001.rvt
 Received: 05/03/21

CDM Residual Risk Register

Item:	No residual risk identified
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In addition to the hazards / risks normally associated with the types of work detailed on this drawing note the following:-

1. CONSTRUCTION
 The Building Regulations Part L2A shall be complied with in respect to inspection and commissioning
2. MAINTENANCE / CLEANING
 HSE work place regulations shall be observed
3. DECOMMISSIONING / DEMOLITION
 WEE and ROHS regulations shall be complied with

N.B. It is assumed that all work will be carried out by a competent contractor working, where appropriate, to an approved method statement

Client
Muse Developments

Project Title
Harton Quay

Drawing Title
External Lighting Calculations, Site Wide, Planning Drawing

Project Status
STAGE 4

Discipline	Electrical Services	Suitability	D1
Project Number	P20102	Scale @ A1	1:250
		Revision	P01

Project - Originator - Volume - Level - Type - Role - Number
P20102-BWE-XX-ZZ-DR-E-63210