PPE Camera Layout Survey Checklist

Print one copy per site, fill one camera block per position, and take a second light reading after dark.

SITE _____ DATE _____ COMPLETED BY _____

01 Before The Walk

- [ ] Camera schedule or NVR device list printed
- [ ] Laser meter, angle gauge and lux meter packed
- [ ] Mandatory PPE zones and exclusion zones marked on the site plan
- [ ] Data protection sign-off for sample clips
- [ ] Permit to work at height where a camera cannot be measured from the ground

02 Per Camera: Identity And Task

- [ ] Model, resolution, lens and frame rate recorded
- [ ] Frame rate is 15 fps or more
- [ ] One task assigned: helmet, vest or exclusion zone

03 Per Camera: Geometry

- [ ] Mount height measured in metres
- [ ] Near and far edge standoff measured on the ground
- [ ] Tilt between 10 and 25 degrees, and no more than 35 for helmets or 40 for vests
- [ ] Yaw no more than 45 degrees across the walkway

- [ ] Far edge within reach: 6.3 m helmet or 10.9 m vest on 2 MP, 8.4 m or 14.5 m on 4 MP

04 Per Camera: Light

- [ ] Daytime reading of 50 lux or more at the target
- [ ] Night reading of 50 lux or more for PPE, 10 lux for exclusion zones
- [ ] White light present where vests are checked at night

05 Per Camera: Stream And Compute

- [ ] Two concurrent stream slots available
- [ ] Smart codec off and constant bit rate on the analytic stream
- [ ] NTP time sync under one second of drift
- [ ] Compute location temperature controlled, under 35 degrees Celsius, on a UPS with 15 minutes of hold-up

06 Verdict

- [ ] Pass, fix or drop recorded
- [ ] Remedy written for every fix
- [ ] Sample clip with a person in the zone attached
- [ ] Layout sent for review before hardware is ordered