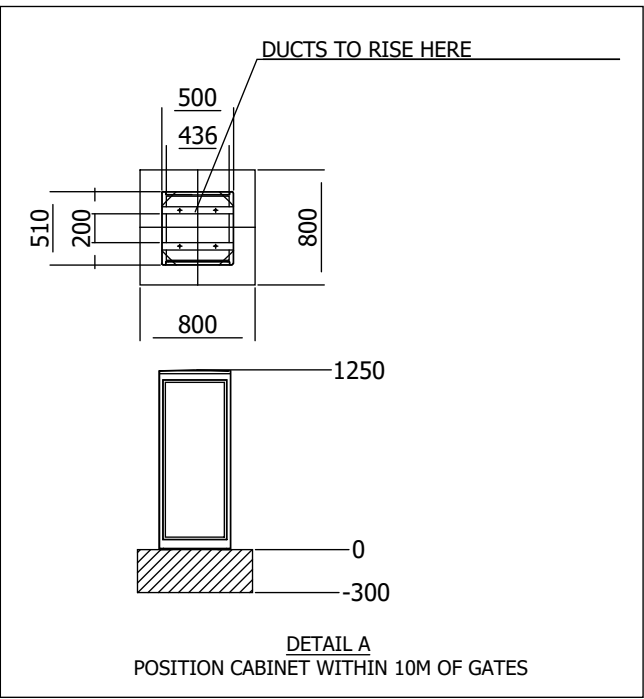
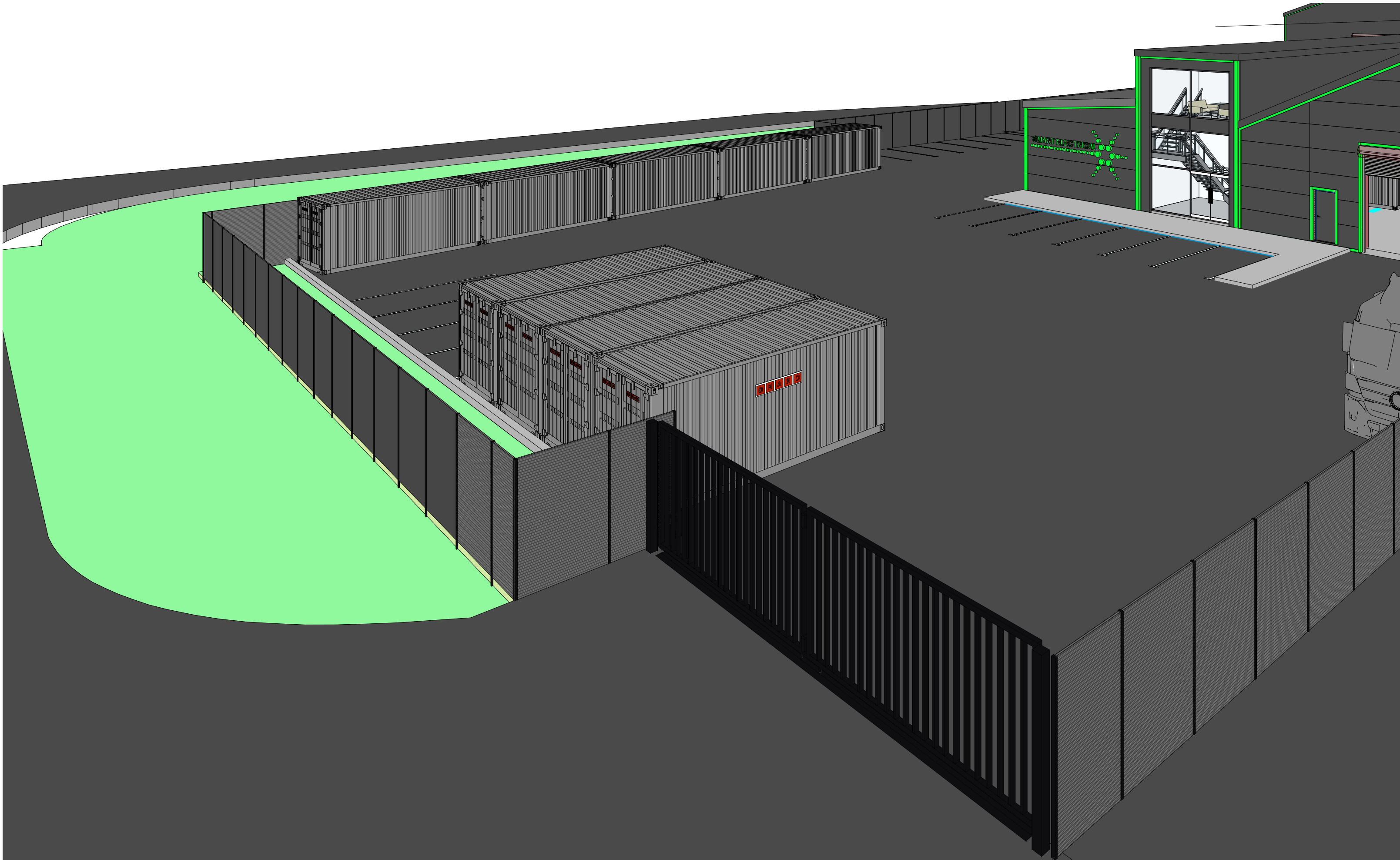
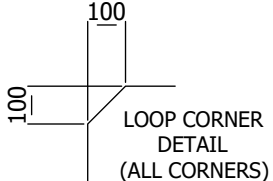
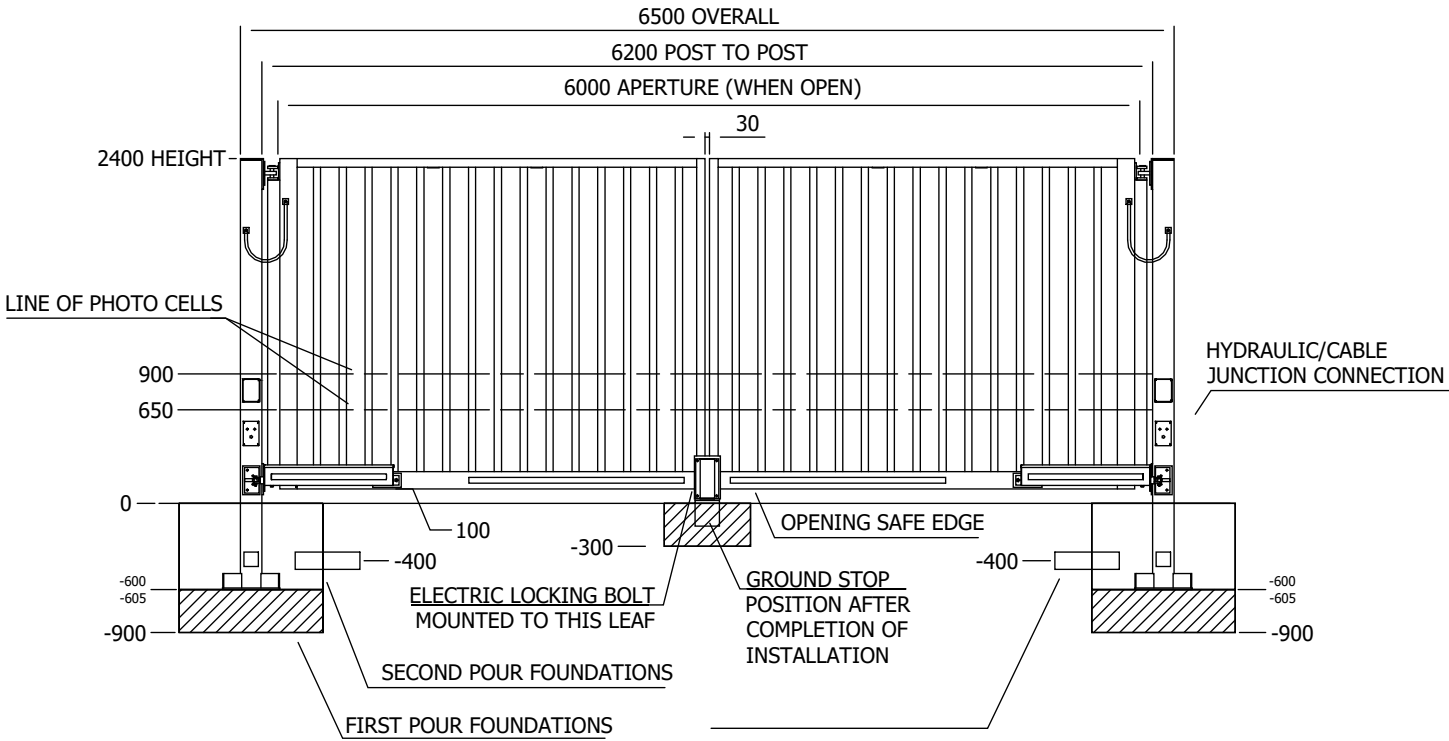


- FOUNDATION REQUIREMENTS**
- 1.DATUM LEVEL IS HIGHEST POINT OF ROAD THROUGH GATE CENTRE LINE
 - 2.DIMENSIONS STATED ARE MIN. REQUIRED ON FIRM SUBSTRATE
 - 3.FINISH SURFACES TO BE LEVEL WITHIN 10mm THROUGHOUT WITH FLOAT/TROWEL FINISH.
 - 4.REINFORCING FABRIC TO B.S. 4483 - 1998 REF. A252 POSITIONED 200mm BELOW FINISH LEVEL
 - 5.CONCRETE TO BE A DESIGNED MIX IN ACCORDANCE WITH BS EN 206-1:2000
CEMENT TO BS EN 197-1:2000
MAX SIZE OF AGGREGATE - 20mm
CONCRETE TO GRADE C-30
 - 6.ALLOW CONCRETE TO CURE FOR 7 DAYS MINIMUM
 - 7.IF GROUND IS SOFT OR POOR QUALITY, THEN PROPER ADVICE SHOULD BE SOUGHT
 - 8.GATE(S) SECURED TO CONCRETE WITH PARABOLTS INSERTED INTO HOLES DRILLED THROUGH FROM BASEPLATES
 - 9.CABLE DUCTS MUST NOT CROSS FOUNDATIONS LESS THAN 300mm BELOW SURFACE



- EDGES OF LOOPS TO BE OFFSET 500mm FROM KERB ON EACH SIDE
- ALL MESH OR STEEL REINFORCING MUST BE 100mm BELOW LOOPS.
- VEHICLE DETECTOR LOOPS INSTALLED INTO SLOTS CUT INTO ROAD SURFACE. LOOP SLOT DIMS. 8 WIDE BY 40 TO 50 DEEP
- SLOTS FOR LOOPS TO HAVE CORNERS CHAMFERED AS SHOWN ON DRAWING. LOOP CABLE TO BE WRAPPED AROUND LOOP SLOT SEVERAL TIMES (SEE NOTE ON DRAWING). TWIST CABLE TAILS TOGETHER (APPROX. 3 TWISTS PER 25mm) BETWEEN CORNER OF LOOP IN ROAD AND THE LOOP AMPLIFIER.
- AFTER INSTALLATION AND TESTING OF LOOP, SLOTS TO BE BACK FILLED WITH BITUMEN OR CEMENT GROUT. LOOP CABLES TO BE FREE OF ANY JOINTS. LOOP LAYOUT MAY BE ALTERED DEPENDING ON SITE CONDITIONS. LOOPS CANNOT BE POSITIONED NEAR MANHOLE COVERS OR SIMILAR METAL OBJECTS.



NOTE: All dimensions to be checked on site. Do not scale this drawing. All discrepancies should be reported to Blackbrick Studio. Copyright: 2025 Blackbrick Studio. This drawing and this design are copyright of Blackbrick Studio. This drawing is not to be used or copied without written consent.

REVISIONS		
REVISION	DESCRIPTION	DATE
1	New Carpark Layout, Boundary Treatment and Entrance	28/08/2025

STATUS: Planning



CLIENT:	Smart Electrical Systems Ltd		
ADDRESS:	Goat Mill Rd, Dowlais, Merthyr Tydfil CF48 3TD		
TITLE:	Gate		
DRAWN:	CHECKED:	APPROVED:	REVISION:
Author	Checker	Approver	1
SHEET:	SCALE:	DATE:	
BR0010	As indicated@A1		