

- NOTES:**
- KEY:**
- SURFACE FINISH TO COMPRISE EITHER PERMEABLE COMPACTED TYPE 1 OR SINGLE SIZED CRUSHED ROCK.
  - PERMEABLE TRACK SURFACE FINISH TO COMPRISE COMPACTED TYPE 1
  - PALISADE FENCE

- NOTES:**
1. ROOM DESCRIPTIONS, DIMENSIONS, LAYOUTS, AND POSITIONS OF DOORS, GATES, INTERNAL WALLS ARE INDICATIVE ONLY AND ARE SUBJECT TO DETAILED DESIGN & GRID COMPANY REQUIREMENTS.
  2. EXTERNAL FINISH TO BE AGREED WITH LOCAL AUTHORITY.
  3. SUITABLE SAFETY SIGNAGE FOR HV ELECTRICAL INSTALLATION TO BE INSTALLED ON DOORS.
  4. SUBSTATION DESIGN SUBJECT TO DISTRIBUTION NETWORK OPERATOR REQUIREMENTS.
  5. FOUNDATION SOLUTION INCLUDING HEIGHTS SUBJECT TO DETAILED DESIGN.
  6. MAXIMUM FINISHED FLOOR LEVELS AND MAXIMUM HEIGHT SPECIFIED IN PLANNING APPLICATION DOCUMENTS.
  7. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.

**REFERENCES:**

PLAN SHEET 1 OF 6

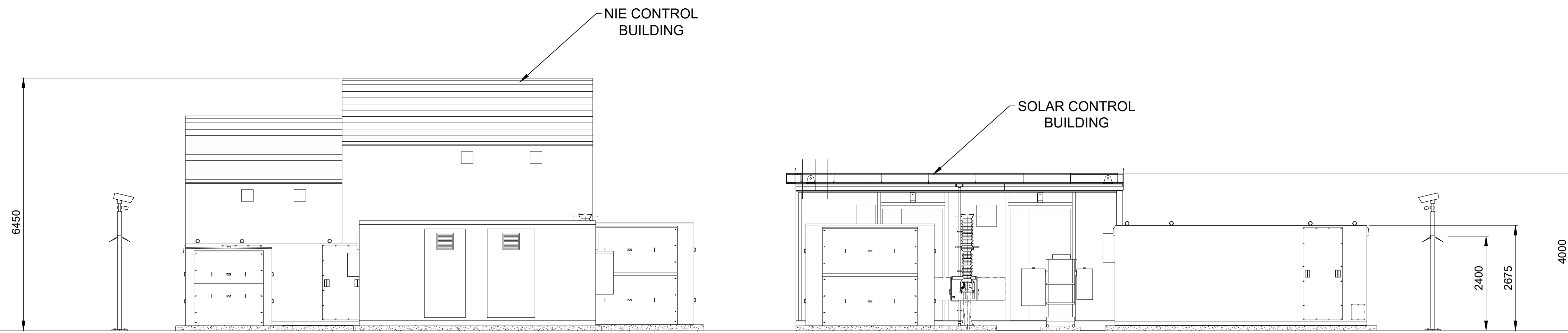
ISSUE	DRAWN	CHKD	APPRD	DATE	REVISION NOTES
4	FG	SM	JM	2024-04-04	Buildings dimensions added
3	FG	SM	JM	2024-04-02	Ground profile section added
2	FG	SM	JM	2023-10-02	Compound gate relocated
1	FG	RH	JM	2023-09-07	First Issue

PURPOSE	PERMITTING	COORDINATES	N/A
SCALE	1:100 @ A1	DATUM	N/A
LAYOUT DWG	N/A	T.LAYOUT NO.	N/A
PROJECT TITLE	MAGHERALIN		
DRAWING TITLE	FIGURE 12 SUBSTATION COMPOUND LAYOUT		
RES DRAWING NUMBER	05215-RES-SUB-DR-PT-001	REV	4

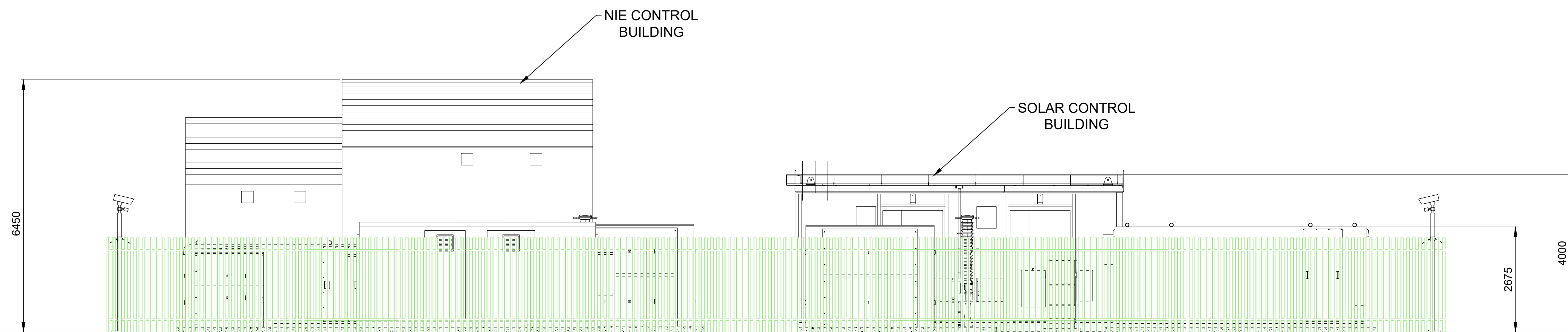
THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LIMITED AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION

BEAUFORT COURT,  
EGG FARM LANE,  
KNOSS LANGLEY,  
HERTS WD4 6LR, UK  
TEL: +44 (0) 1923 290000  
WWW.RES-GROUP.COM

- NOTES:
- FOR NOTES SEE SHEET 1.
  - COMMUNICATIONS AERIALS SHOWN INDICATIVELY, EXACT DIMENSIONS, NUMBER AND LOCATION OF AERIALS / SATELLITE DISHES SUBJECT TO DETAILED DESIGN.



VIEW 'A'  
(FENCES NOT SHOWN FOR CLARITY)



VIEW 'A'  
(FENCES SHOWN)

ELEVATION A  
SHEET 2 OF 6

ISSUE	DRAWN	CHKD	APPRD	DATE	REVISION NOTES	COORDINATES
4	FG	SM	JM	2024-04-04	Buildings dimensions added	
3	FG	SM	JM	2024-04-02	Ground profile section added	
2	FG	SM	JM	2023-10-02	Compound gate relocated	
1	FG	RH	JM	2023-09-07	First Issue	

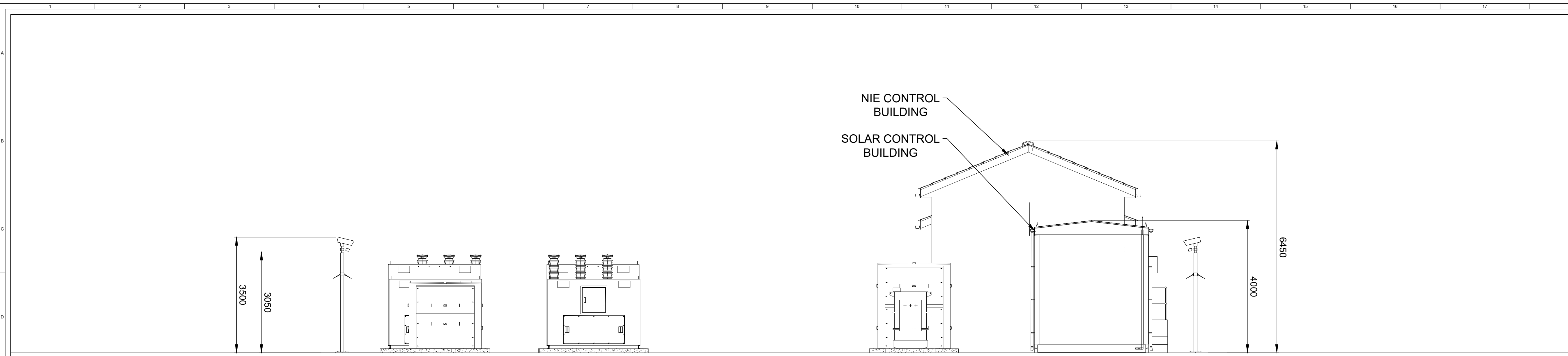
PROJECT TITLE: **MAGHERALIN**

DRAWING TITLE: **FIGURE 12  
SUBSTATION COMPOUND LAYOUT**

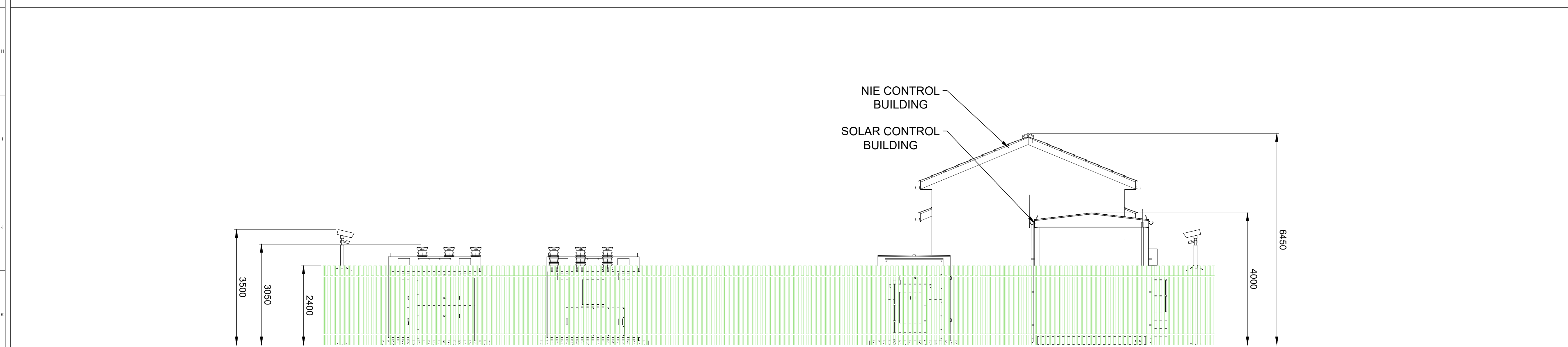
RES DRAWING NUMBER: **05215-RES-SUB-DR-PT-001** REV: **4**

THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LIMITED AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION

**res** BEAUFORT COURT,  
EGG FARM LANE,  
KINGS LANGLEY,  
HERTS WD4 8LR, UK  
TEL: +44 (0) 1923 290200  
WWW.RES-GROUP.COM



VIEW 'B'  
(FENCES NOT SHOWN FOR CLARITY)



VIEW 'B'  
(FENCES SHOWN)

- NOTES:
- FOR NOTES SEE SHEET 1.
  - COMMUNICATIONS AERIALS SHOWN INDICATIVELY, EXACT DIMENSIONS, NUMBER AND LOCATION OF AERIALS / SATELLITE DISHES SUBJECT TO DETAILED DESIGN.

ELEVATION B  
SHEET 3 OF 6

ISSUE	DRAWN	CHKD	APPRD	DATE	REVISION NOTES
4	FG	SM	JM	2024-04-04	Buildings dimensions added
3	FG	SM	JM	2024-04-02	Ground profile section added
2	FG	SM	JM	2023-10-02	Compound gate relocated
1	FG	RH	JM	2023-09-07	First Issue

PURPOSE PERMITTING COORDINATES N/A

SCALE 1:150 @ A1 DATUM N/A

LAYOUT DWG N/A T.LAYOUT NO. N/A

PROJECT TITLE MAGHERALIN

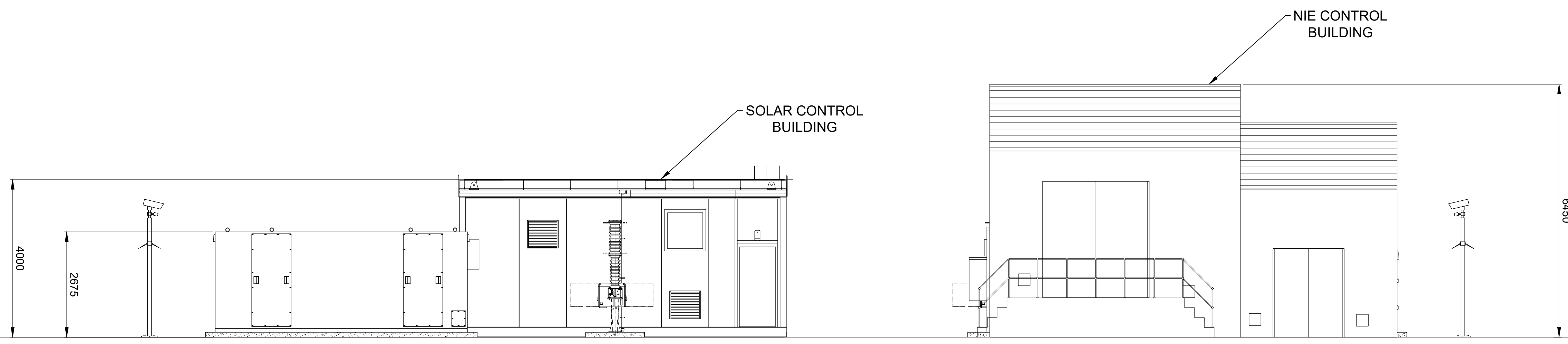
DRAWING TITLE FIGURE 12  
SUBSTATION COMPOUND LAYOUT

RES DRAWING NUMBER 05215-RES-SUB-DR-PT-001 REV 4

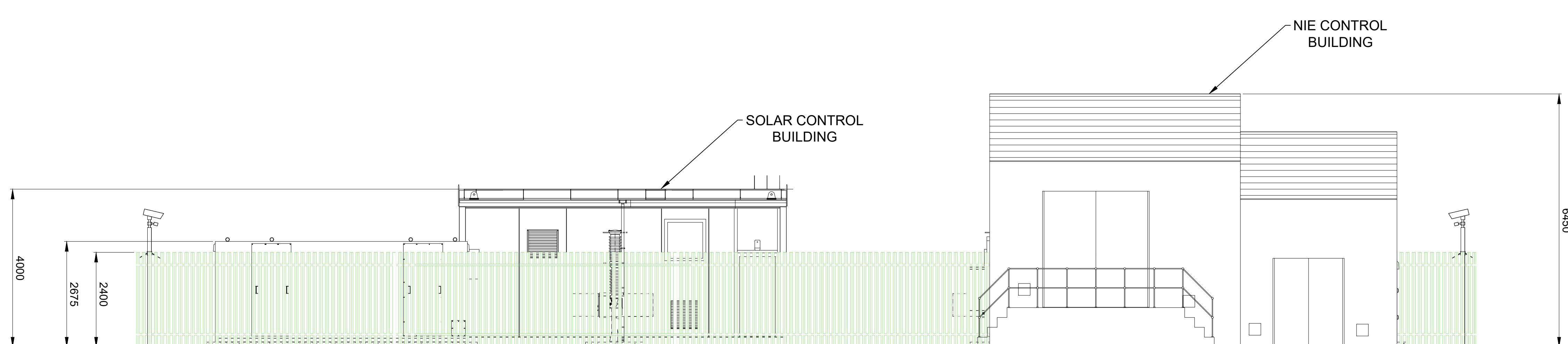
THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LIMITED AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION



- NOTES:
- FOR NOTES SEE SHEET 1.
  - COMMUNICATIONS AERIALS SHOWN INDICATIVELY, EXACT DIMENSIONS, NUMBER AND LOCATION OF AERIALS / SATELLITE DISHES SUBJECT TO DETAILED DESIGN.



VIEW 'C'  
(FENCES NOT SHOWN FOR CLARITY)




VIEW 'C'  
(FENCES SHOWN)

ELEVATION C  
SHEET 3 OF 6

ISSUE	DRAWN	CHKD	APPRD	DATE	REVISION NOTES
4	FG	SM	JM	2024-04-04	Buildings dimensions added
3	FG	SM	JM	2024-04-02	Ground profile section added
2	FG	SM	JM	2023-10-02	Compound gate relocated
1	FG	RH	JM	2023-09-07	First Issue

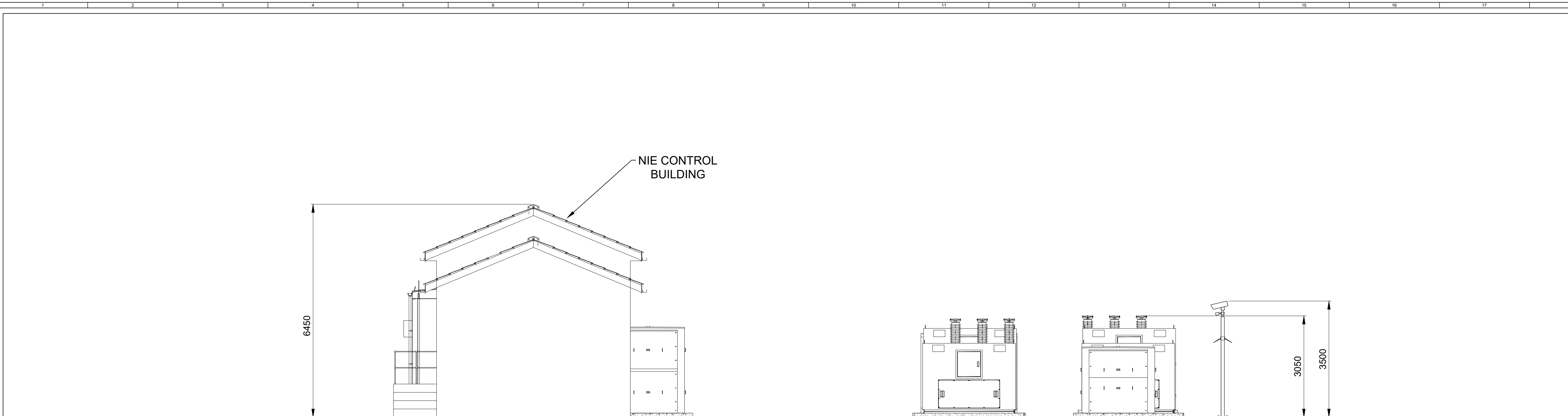
PURPOSE	PERMITTING	DATUM	N/A
SCALE	1:150 @ A1	T.LAYOUT NO.	N/A
LAYOUT DWG	N/A	COORDINATES	N/A
PROJECT TITLE	MAGHERALIN		
DRAWING TITLE	FIGURE 12 SUBSTATION COMPOUND LAYOUT		
RES DRAWING NUMBER	05215-RES-SUB-DR-PT-001	REV	4

THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LIMITED AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION

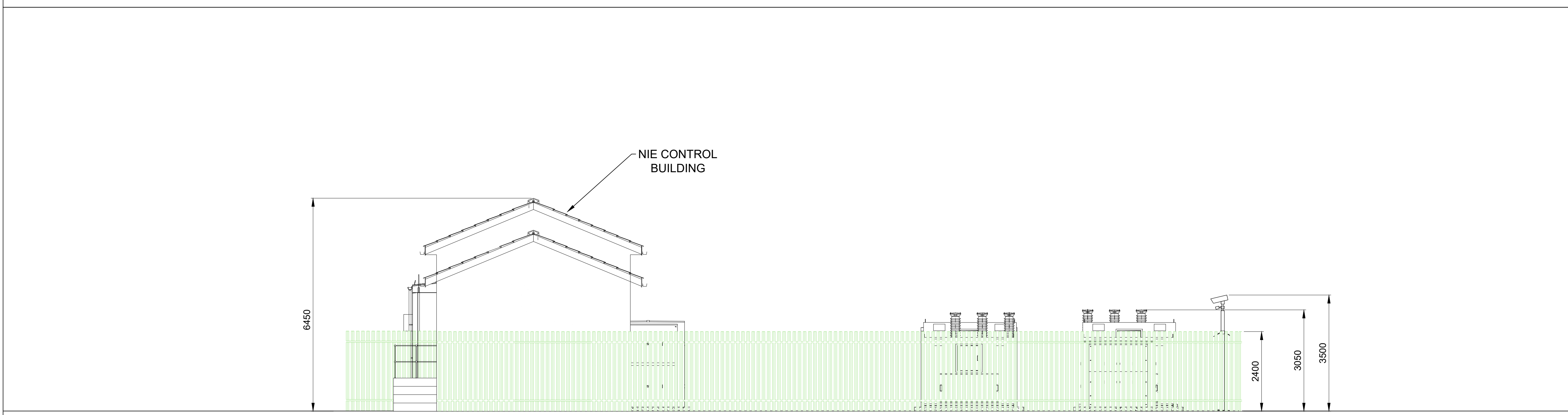


BEAUFORT COURT,  
EGG FARM LANE,  
KNOS LANGLEY,  
HERTS WD4 8LR, UK  
TEL: +44 (0) 1923 290200  
WWW.RES-GROUP.COM





VIEW 'D'  
(FENCES NOT SHOWN FOR CLARITY)



VIEW 'D'  
(FENCES SHOWN)

- NOTES:
- FOR NOTES SEE SHEET 1.
  - COMMUNICATIONS AERIALS SHOWN INDICATIVELY, EXACT DIMENSIONS, NUMBER AND LOCATION OF AERIALS / SATELLITE DISHES SUBJECT TO DETAILED DESIGN.

ELEVATION D  
SHEET 5 OF 6

4	FG	SM	JM	2024-04-04	Buildings dimensions added
3	FG	SM	JM	2024-04-02	Ground profile section added
2	FG	SM	JM	2023-10-02	Compound gate relocated
1	FG	RH	JM	2023-09-07	First Issue
ISSUE	DRAWN	CHKD	APPRD	DATE	REVISION NOTES
PURPOSE					COORDINATES
PERMITTING					N/A
SCALE					DATUM
1:150 @ A1					N/A
LAYOUT DWG					T.LAYOUT NO.
N/A					N/A

PROJECT TITLE  
**MAGHERALIN**

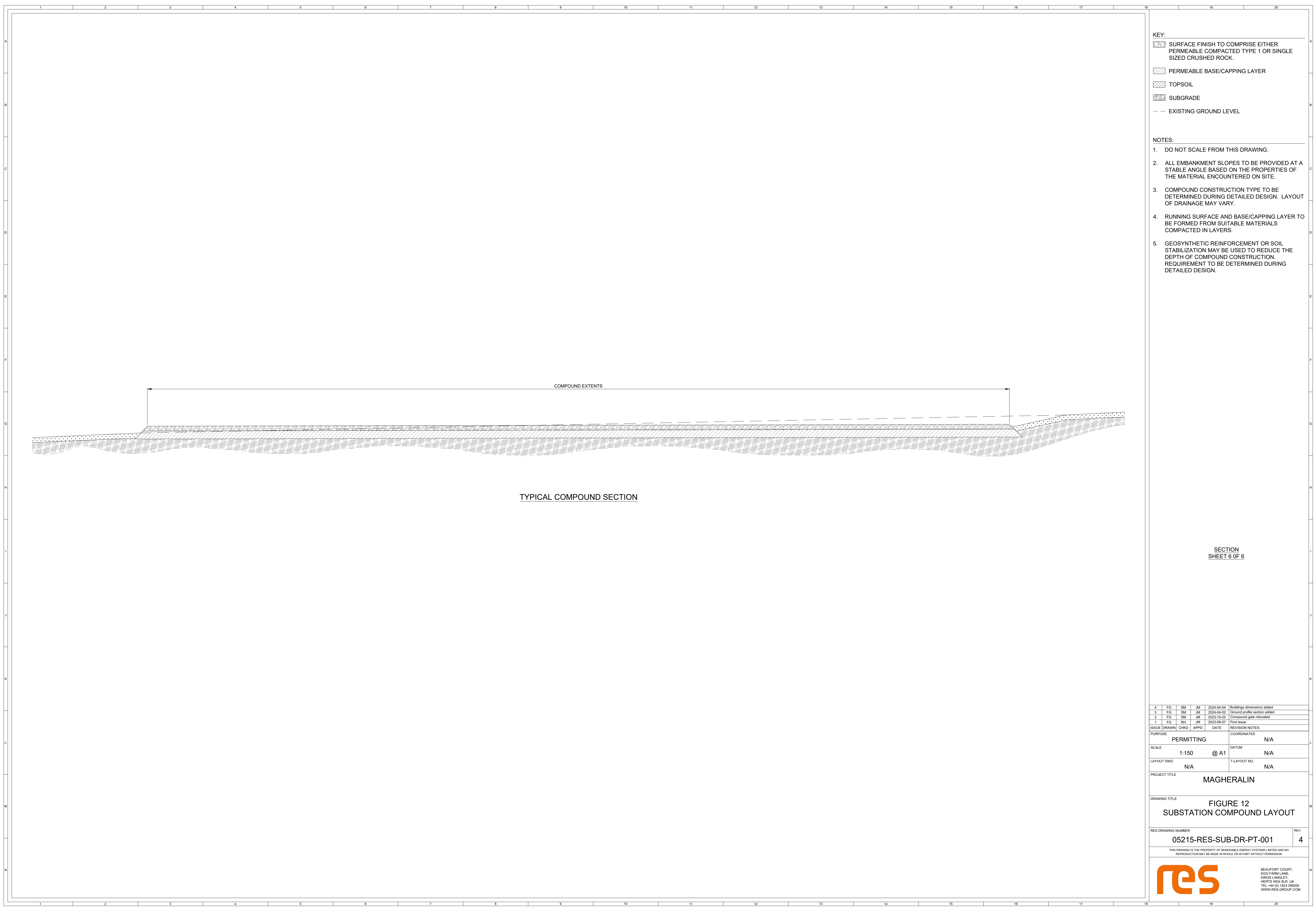
DRAWING TITLE  
**FIGURE 12  
SUBSTATION COMPOUND LAYOUT**

RES DRAWING NUMBER  
**05215-RES-SUB-DR-PT-001**

REV  
**4**

THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LIMITED AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION





TYPICAL COMPOUND SECTION

- KEY:**
- SURFACE FINISH TO COMPRISE EITHER PERMEABLE COMPACTED TYPE 1 OR SINGLE SIZED CRUSHED ROCK.
  - PERMEABLE BASE/CAPPING LAYER
  - TOPSOIL
  - SUBGRADE
  - EXISTING GROUND LEVEL

- NOTES:**
1. DO NOT SCALE FROM THIS DRAWING.
  2. ALL EMBANKMENT SLOPES TO BE PROVIDED AT A STABLE ANGLE BASED ON THE PROPERTIES OF THE MATERIAL ENCOUNTERED ON SITE.
  3. COMPOUND CONSTRUCTION TYPE TO BE DETERMINED DURING DETAILED DESIGN. LAYOUT OF DRAINAGE MAY VARY.
  4. RUNNING SURFACE AND BASE/CAPPING LAYER TO BE FORMED FROM SUITABLE MATERIALS COMPACTED IN LAYERS.
  5. GEOSYNTHETIC REINFORCEMENT OR SOIL STABILIZATION MAY BE USED TO REDUCE THE DEPTH OF COMPOUND CONSTRUCTION. REQUIREMENT TO BE DETERMINED DURING DETAILED DESIGN.

SECTION SHEET 6 OF 6

ISSUE	DRAWN	CHKD	APPRD	DATE	REVISION NOTES
4	FG	SM	JM	2024-04-04	Buildings dimensions added
3	FG	SM	JM	2024-04-02	Ground profile section added
2	FG	SM	JM	2023-10-02	Compound gate relocated
1	FG	RH	JM	2023-09-07	First Issue

PURPOSE	PERMITTING	COORDINATES	N/A
SCALE	1:150 @ A1	DATUM	N/A
LAYOUT DWG	N/A	T-LAYOUT NO.	N/A

PROJECT TITLE  
**MAGHERALIN**

DRAWING TITLE  
**FIGURE 12  
SUBSTATION COMPOUND LAYOUT**

RES DRAWING NUMBER  
**05215-RES-SUB-DR-PT-001**

REV  
**4**