

KEY

- RUNNING SURFACE
- BASE/CAPPING LAYER
- TOPSOIL
- SUBGRADE
- EXISTING GROUND LEVEL

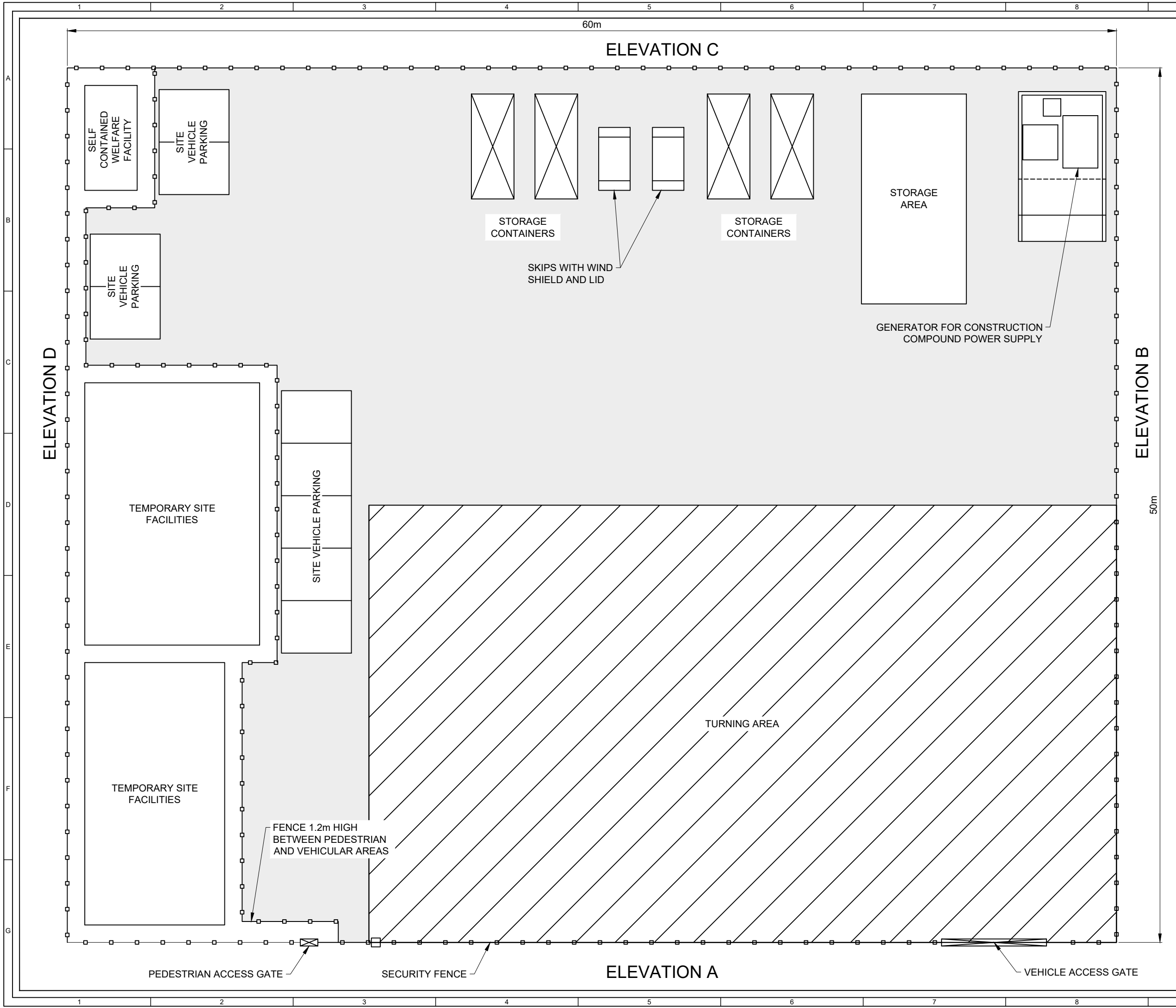
NOTES

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. TRACK 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 STABILISATION MAY BE USED TO REDUCE THE DEPTH OF TRACK CONSTRUCTION. REQUIREMENT TO BE DETERMINED DURING DETAILED DESIGN.
6. OPTIONAL DRAINAGE SWALES SHOWN. ACTUAL REQUIREMENTS TO BE DETERMINED DURING DETAILED DESIGN.

TYPICAL TRACK SECTION

1	FG	JM	BD	2024-01-10	First Issue
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
PURPOSE					COORDINATES
PERMITTING					N/A
SCALE				1:50 @A3	DATUM
					N/A
LAYOUT DRAWING					T-LAYOUT NO
N/A					N/A
PROJECT TITLE					
NUNEHAM SOLAR FARM					
DRAWING TITLE					
FIGURE 6 TYPICAL ACCESS TRACK DETAIL					
RES DRAWING NUMBER					REV
04531-RES-ERW-DR-PT-001					1
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- NOTES**
1. COMPOUND LAYOUT AND ELEVATIONS REFER TO BOTH COMPOUND 1 (NORTH) AND COMPOUND 2 (SOUTH).
 2. SIZE, NUMBER AND LOCATION OF COMPOUND EQUIPMENT AND FACILITIES ARE INDICATIVE ONLY.
 3. STRUCTURE TO BE TEMPORARY AND TO BE REMOVED AFTER CONSTRUCTION.
 4. COMPOUND HARDSTANDING CONSISTING OF COMPACTED STONE OVER A LAYER OF GEOTEXTILE TO PROVIDE A CLEAN, FIRM, LEVEL AND FREE DRAINING SURFACE SUITABLE FOR CABINS AND HEAVY TRAFFIC.
 5. VEHICULAR ACCESS GATE TO BE 6m WIDE CONSISTING OF 2 x 3m LEAVES.



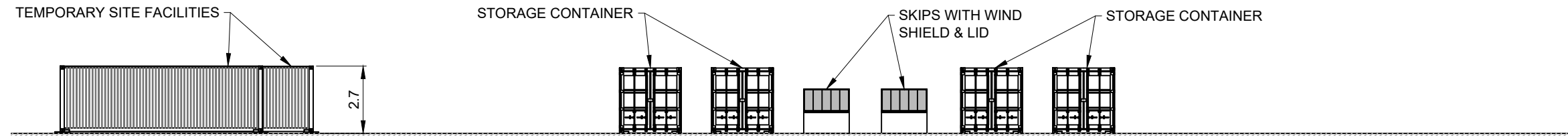
COMPOUND 1 (NORTH)



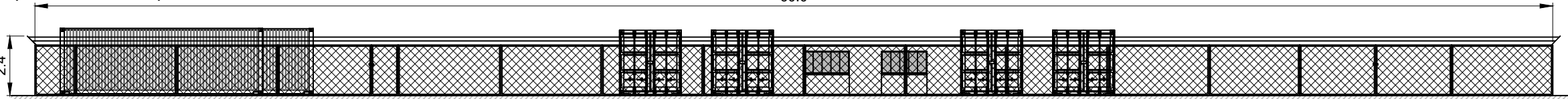
COMPOUND 2 (SOUTH)

SHEET 1 OF 2

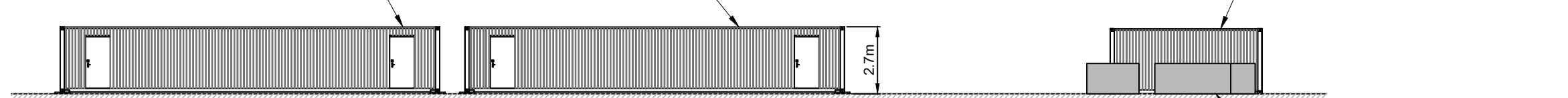
1	FG	JM	BD	2024-01-10	First Issue
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
PURPOSE					PROJECTION
PERMITTING					N/A
SCALE				@A3	DATUM
1:200					N/A
LAYOUT DRAWING					T-LAYOUT NO
N/A					N/A
PROJECT TITLE					
NUNEHAM SOLAR FARM					
DRAWING TITLE					
FIGURE 7 TYPICAL TEMPORARY CONSTRUCTION COMPOUND LAYOUT					
RES DRAWING NUMBER					REV
04531-RES-CTN-DR-PT-101					1
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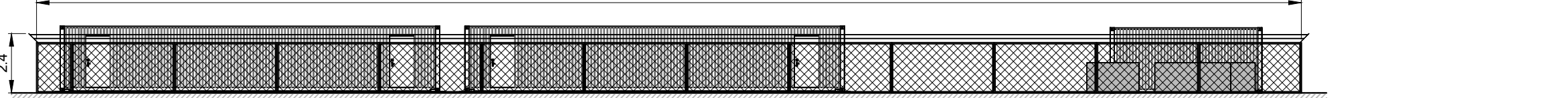
ELEVATION A
(UNFENCED)



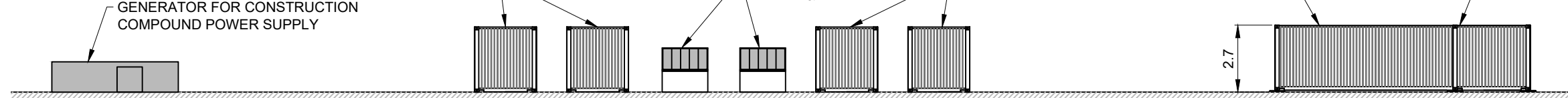
ELEVATION A
(FENCED)



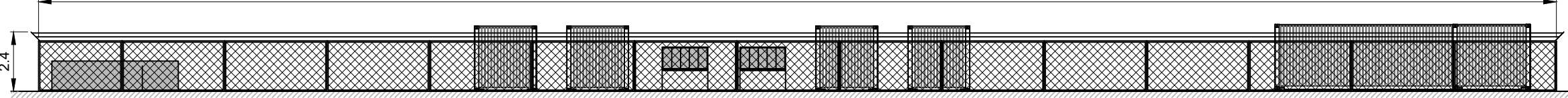
ELEVATION B
(UNFENCED)



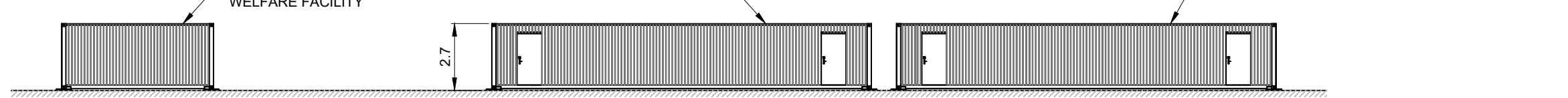
ELEVATION B
(FENCED)



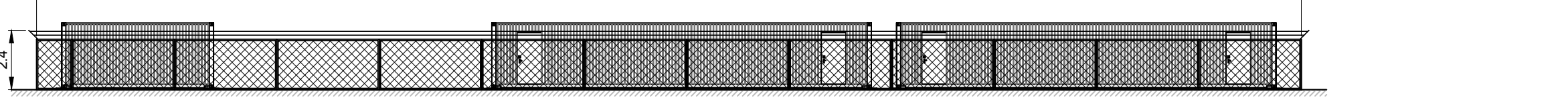
ELEVATION C
(UNFENCED)



ELEVATION C
(FENCED)



ELEVATION D
(UNFENCED)



ELEVATION D
(FENCED)

- NOTES**
1. COMPOUND LAYOUT AND ELEVATIONS REFER TO BOTH COMPOUND 1 (NORTH) AND COMPOUND 2 (SOUTH).
 2. SIZE, NUMBER AND LOCATION OF COMPOUND EQUIPMENT AND FACILITIES ARE INDICATIVE ONLY.
 3. STRUCTURE TO BE TEMPORARY AND TO BE REMOVED AFTER CONSTRUCTION.
 4. COMPOUND HARDSTANDING CONSISTING OF COMPACTED STONE OVER A LAYER OF GEOTEXTILE TO PROVIDE A CLEAN, FIRM, LEVEL AND FREE DRAINING SURFACE SUITABLE FOR CABINS AND HEAVY TRAFFIC.
 5. VEHICULAR ACCESS GATE TO BE 6m WIDE CONSISTING OF 2 x 3m LEAVES.



COMPOUND 1
(NORTH)



COMPOUND 2
(SOUTH)

SHEET 1 OF 2

1	FG	JM	BD	2024-01-10	First Issue
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
PURPOSE					PROJECTION
PERMITTING					N/A
SCALE				@A3	DATUM
1:200					N/A
LAYOUT DRAWING					T-LAYOUT NO
N/A					N/A

PROJECT TITLE
NUNEHAM SOLAR FARM

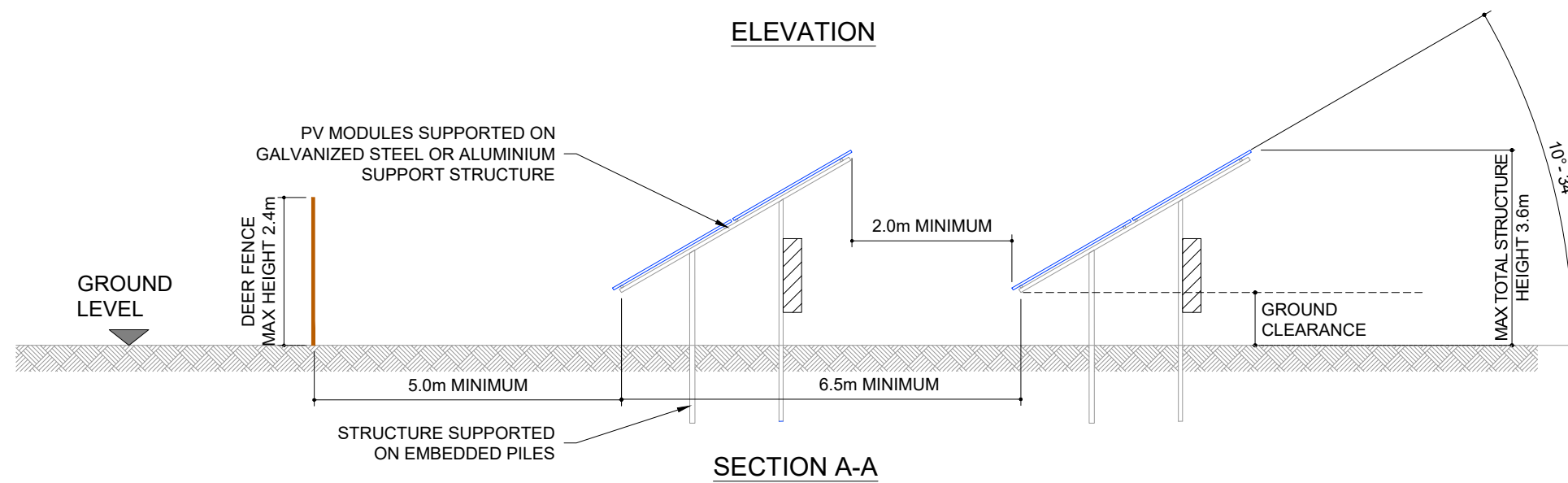
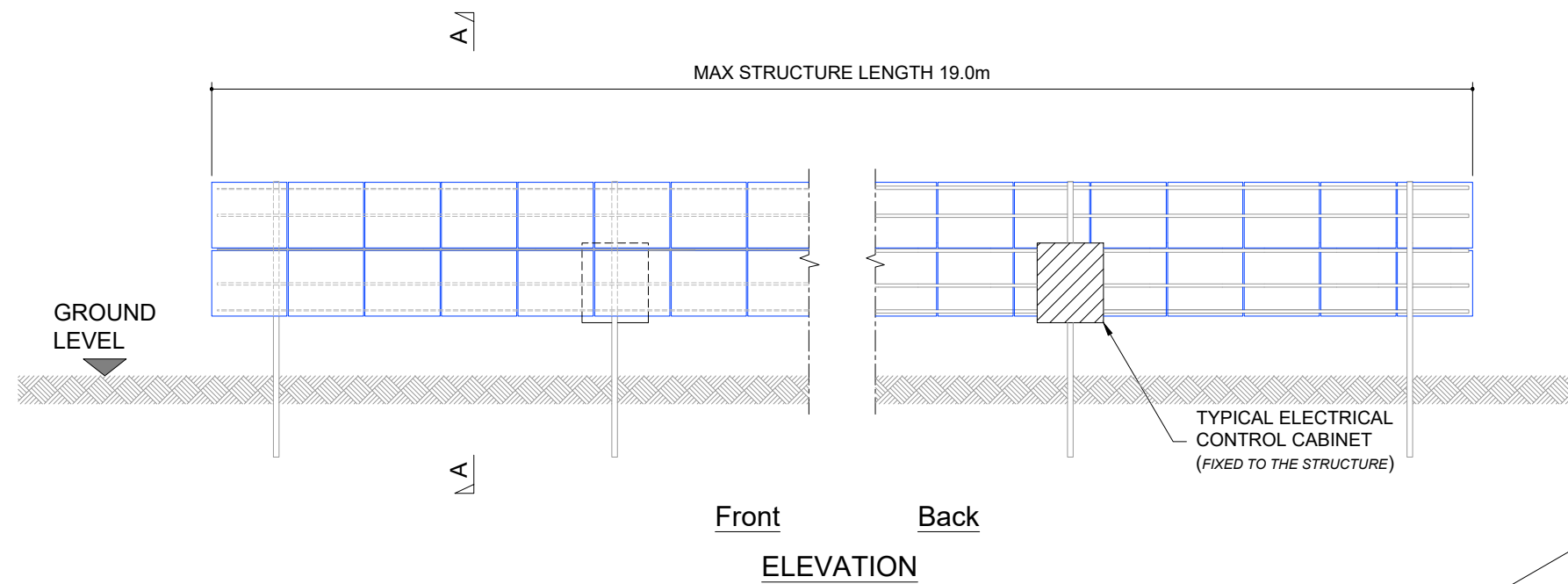
DRAWING TITLE
**FIGURE 7
TYPICAL TEMPORARY CONSTRUCTION
COMPOUND LAYOUT**

RES DRAWING NUMBER	REV
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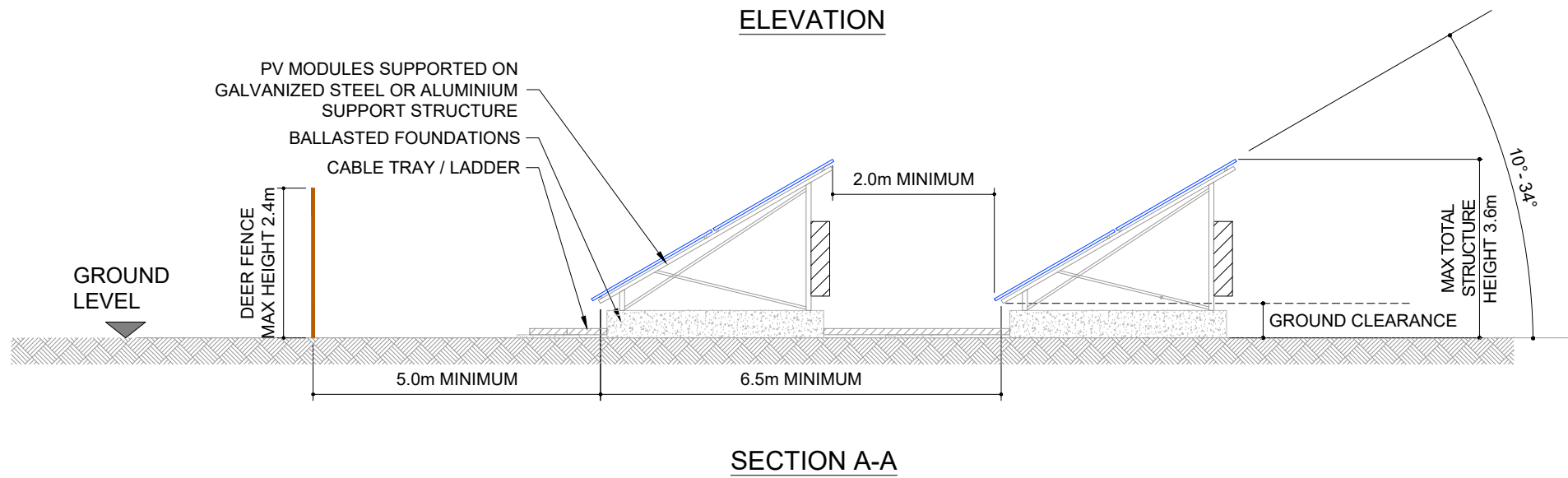
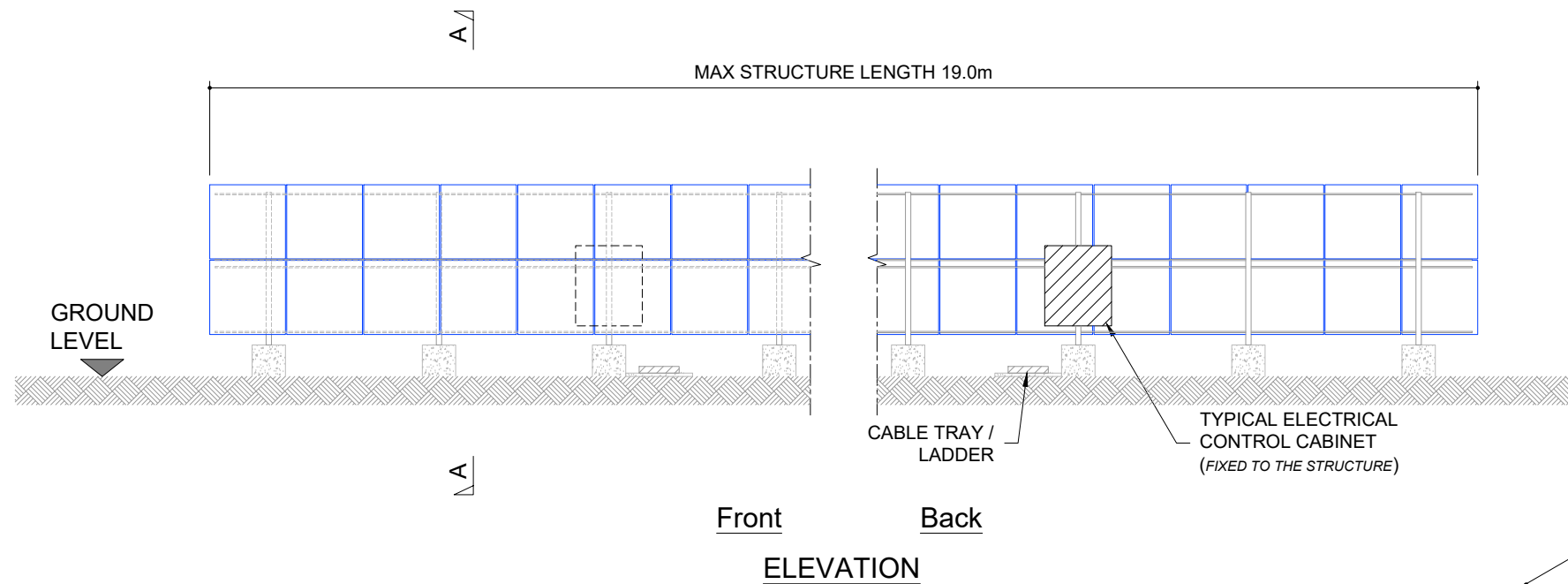
NOTES

1. ALL DIMENSIONS ARE SUBJECT TO DETAILED DESIGN.
2. GROUND CLEARANCE WILL VARY AS REQUIRED ACCORDING TO TOPOGRAPHY AND MODULE CONFIGURATION.
3. THE PILE DEPTH SHALL BE DETERMINED FOLLOWING DETAILED GEOTECHNICAL SITE INVESTIGATION AND WILL TYPICALLY BE 1.5 - 1.7m. HOWEVER THE MAXIMUM DEPTH COULD BE UPTO 2.4m.
4. PV MODULES ARE SHOWN IN ELEVATION VIEW INSTALLED IN PORTRAIT, ALTHOUGH THEY MAY BE INSTALLED IN LANDSCAPE TO SUIT SITE CONDITIONS.

PANELS WITH PILED FOUNDATION

SHEET 1 OF 2

2	FG	IB	BD	2024-01-23	Minor update (PV image)
1	FG	IB	BD	2023-06-02	First Issue
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
PURPOSE				PROJECTION	
PERMITTING				DATUM	
SCALE		1:100 @A3		N/A	
LAYOUT DRAWING		N/A		T-LAYOUT NO	
				N/A	
PROJECT TITLE					
NUNEHAM SOLAR FARM					
DRAWING TITLE					
FIGURE 8 TYPICAL PV MODULE AND RACK DETAILS					
RES DRAWING NUMBER					REV
04531-RES-SOL-DR-PT-001					2
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NOTES

1. ALL DIMENSIONS ARE SUBJECT TO DETAILED DESIGN.
2. GROUND CLEARANCE WILL VARY AS REQUIRED ACCORDING TO TOPOGRAPHY AND MODULE CONFIGURATION.
3. PV MODULES ARE SHOWN IN ELEVATION VIEW INSTALLED IN PORTRAIT, ALTHOUGH THEY MAY BE INSTALLED IN LANDSCAPE TO SUIT SITE CONDITIONS.
4. SUPPORT FRAME IS CONNECTED DIRECTLY TO THE BALLASTED FOUNDATION.

PANELS WITH BALLASTED FOUNDATION

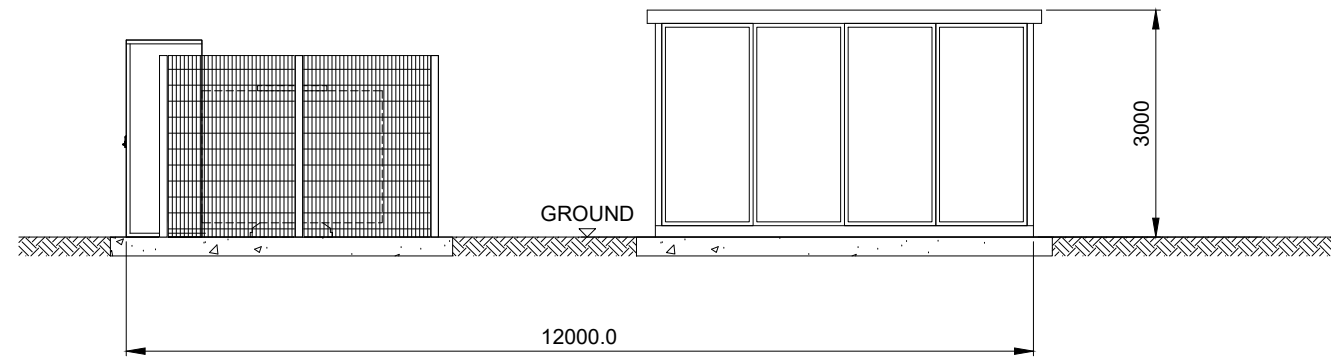
SHEET 2 OF 2

2	FG	IB	BD	2024-01-23	Minor update (PV image)
1	FG	IB	BD	2023-06-02	First Issue
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
PURPOSE					PROJECTION
PERMITTING					
SCALE			1:100	@A3	DATUM
LAYOUT DRAWING			N/A		T-LAYOUT NO
					N/A
PROJECT TITLE					
NUNEHAM SOLAR FARM					
DRAWING TITLE					
FIGURE 8 TYPICAL PV MODULE AND RACK DETAILS					
RES DRAWING NUMBER					REV
04531-RES-SOL-DR-PT-001					2

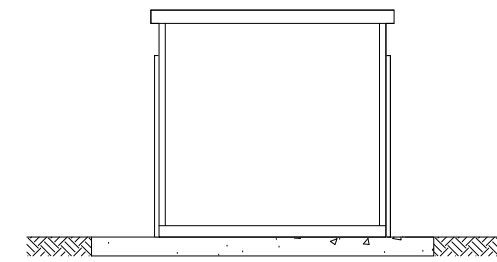
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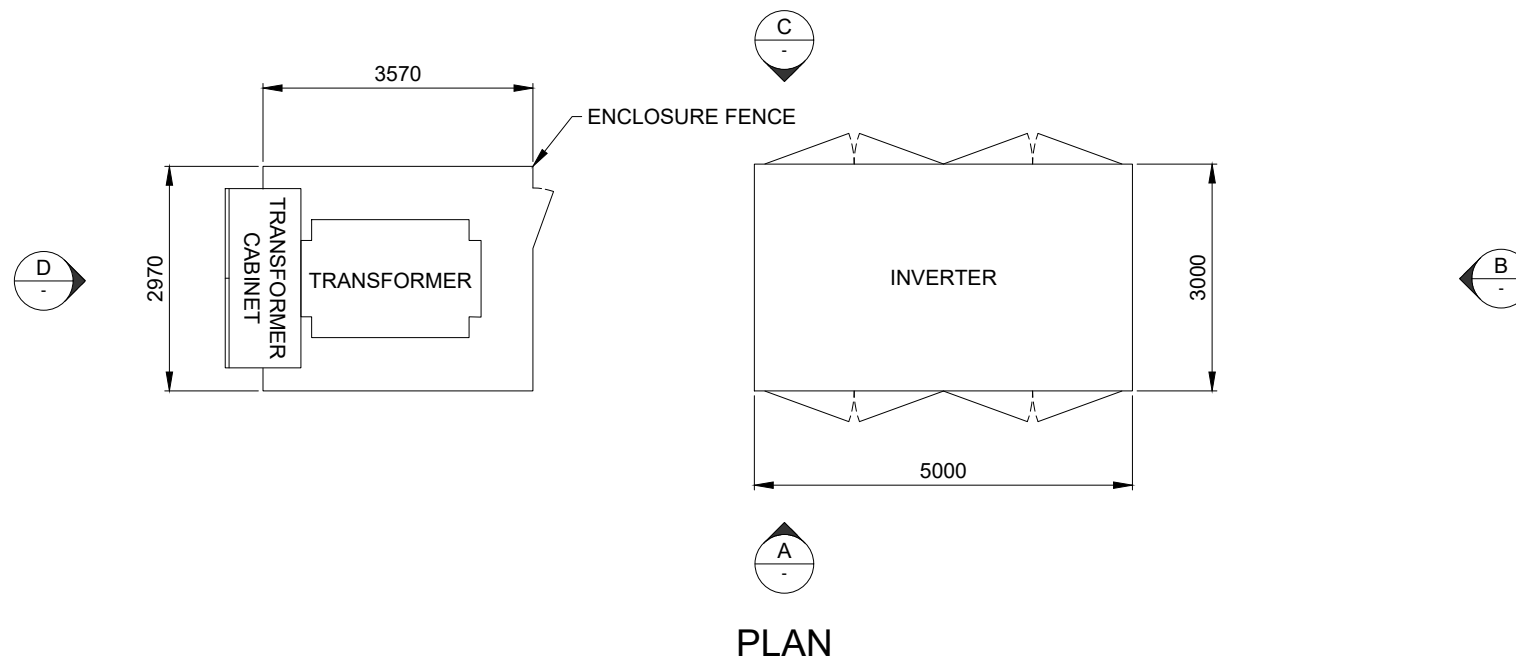
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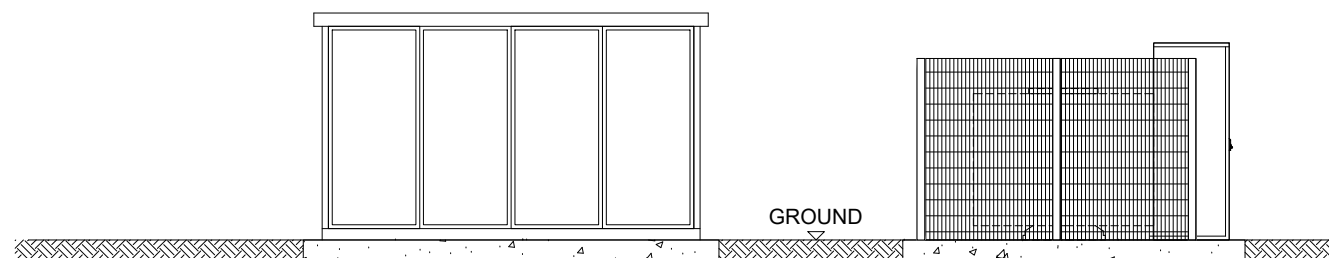
ELEVATION 'A'



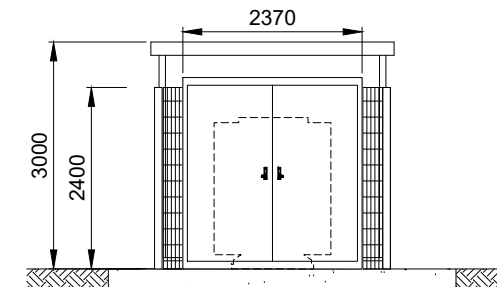
ELEVATION 'B'



PLAN



ELEVATION 'C'



ELEVATION 'D'

NOTES

1. ALL DIMENSIONS ARE TYPICAL UNLESS OTHERWISE STATED AND SUBJECT TO DETAILED DESIGN.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
3. ROOM & DOOR POSITIONS ARE INDICATIVE AND SUBJECT TO DETAILED DESIGN.
4. APPROXIMATE FINISHED FLOOR LEVEL 300mm ABOVE EXISTING GROUND.

1	FG	IB	BD	2024-01-23	First Issue
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
PURPOSE					COORDINATES
PERMITTING					N/A
SCALE					DATUM
1:100 @A3					N/A
LAYOUT DRAWING					T-LAYOUT NO
N/A					N/A

PROJECT TITLE
NUNEHAM SOLAR FARM

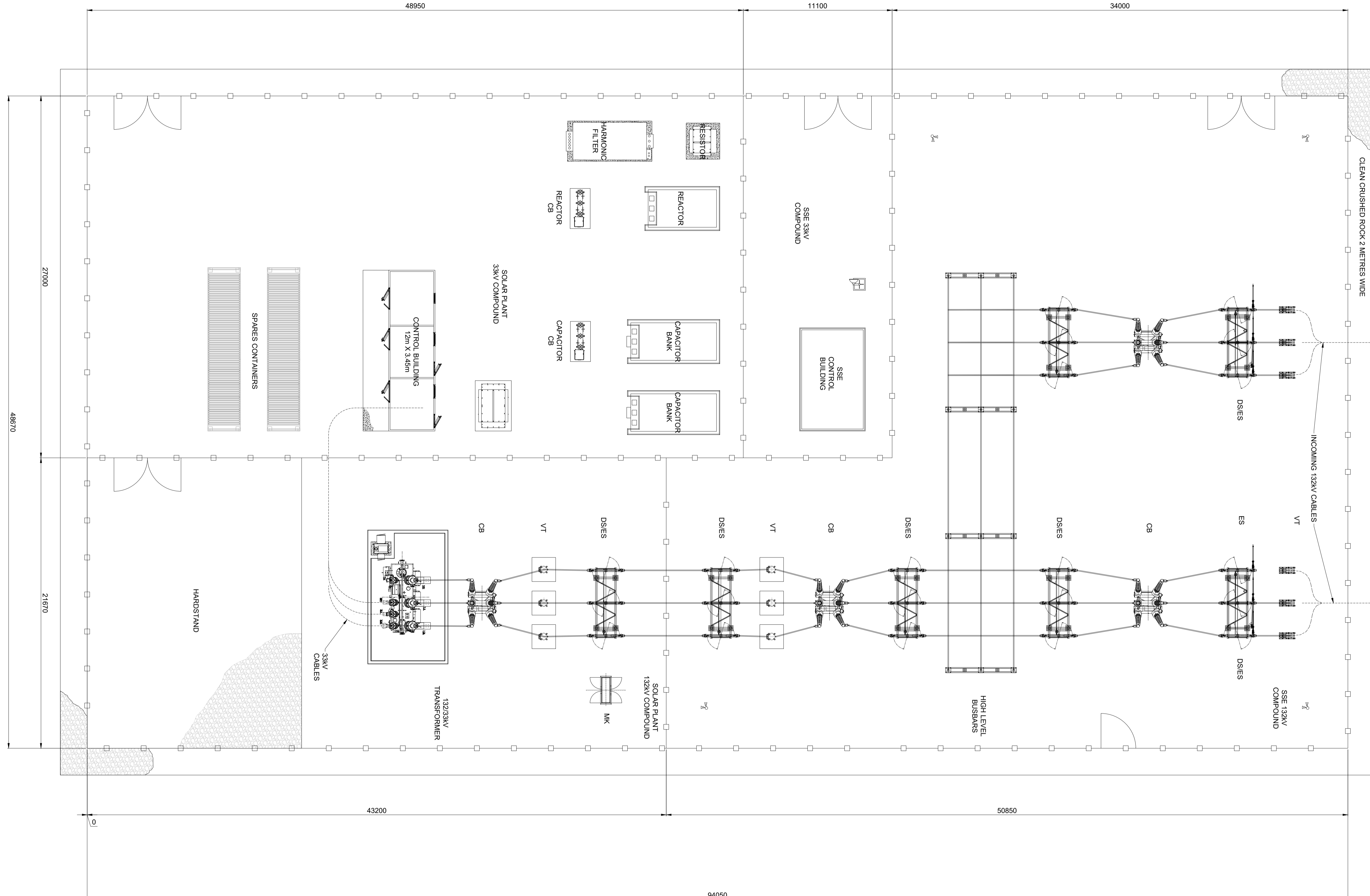
DRAWING TITLE
FIGURE 9 TYPICAL INVERTER SUBSTATION

RES DRAWING NUMBER	REV
04531-RES-SOL-DR-PT-002	1

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- NOTES:**
1. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED.
 2. SSE COMPOUND LAYOUT IS INDICATIVE ONLY.
 3. THE MINIMUM FLOOR LEVEL OF EQUIPMENT / BUILDING IN THE COMPOUND WILL BE RAISED ABOVE THE 1 IN 1000 YEAR SURFACE WATER FLOOD EVENT.
 4. REFER TO TYPICAL SECURITY FENCE DETAIL DRAWING (04531-RES-SEC-DR-PT-001) TO FURTHER DETAIL ON FENCE DESIGN.
 5. THIS DRAWING IS PRELIMINARY AND SUBJECT TO CHANGE AT DETAILED STAGE.


REFERENCES:

[1] DRAWING BASED ON 04531-RES-LAY-DR-EE-003 REV. 2

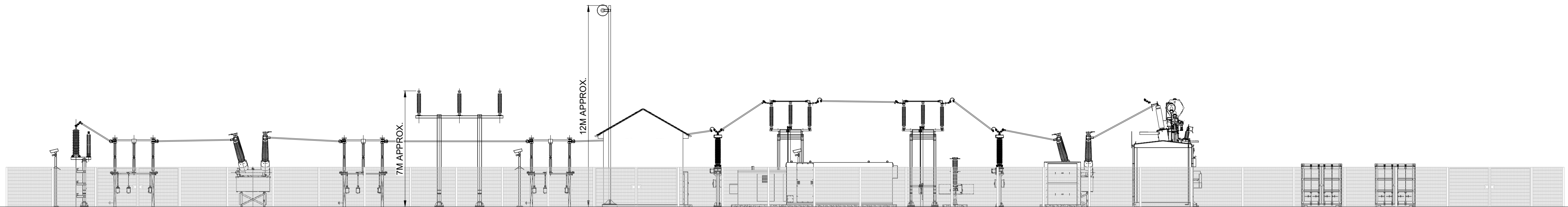
PLAN SHEET 1 OF 2

2	FG	BD	EB	2024-03-11	Notes updated
1	FG	SM	BD	2024-01-10	Final Issue
ISSUE (DRAWN, CHKD, APPD)				DATE	REVISION NOTES
PURPOSE				PERMITTING	COORDINATES
SCALE				1:150 @ A1	DATUM
LAYOUT DWG				N/A	T-LAYOUT NO.
PROJECT TITLE				NUNEHAM SOLAR FARM	
DRAWING TITLE				FIGURE 10 SUBSTATION COMPOUND LAYOUT LOOP IN - LOOP OUT	
RES DRAWING NUMBER				04531-RES-SUB-DR-PT-001	REV 2

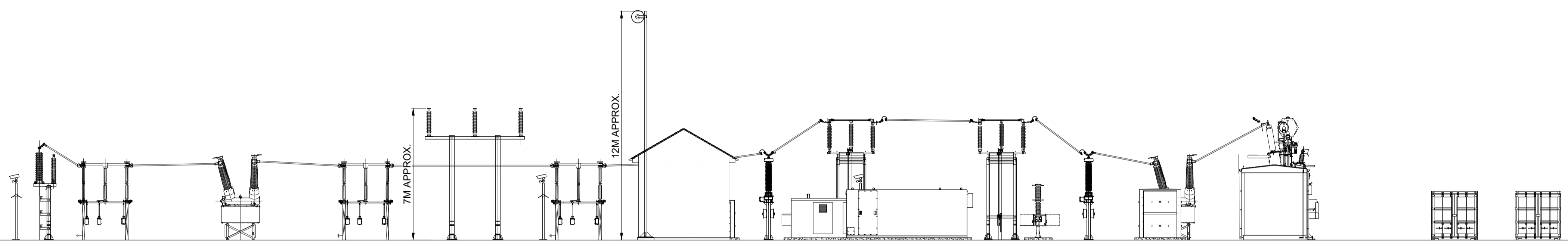
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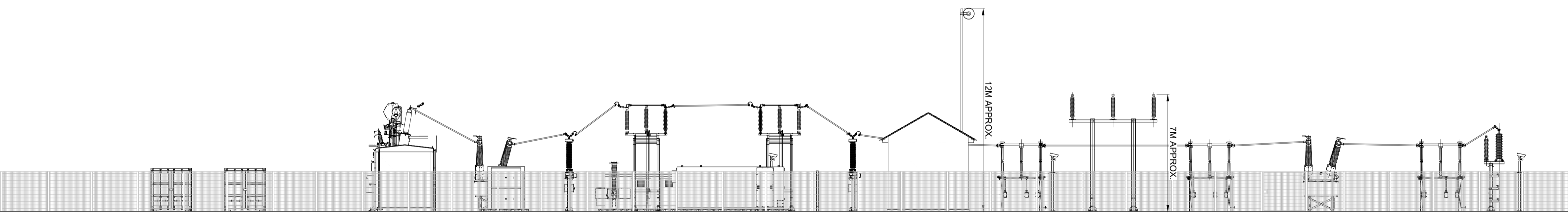
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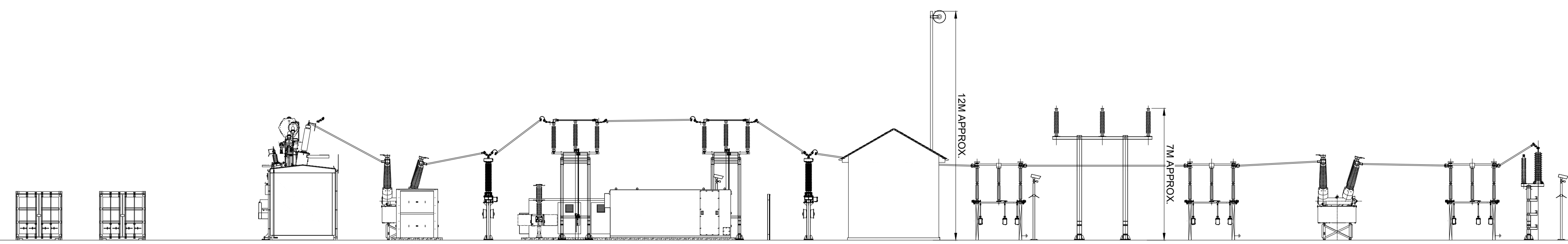
ELEVATION A
SHOWN WITH FENCES



ELEVATION A
SHOWN WITHOUT FENCES



ELEVATION B
SHOWN WITH FENCES



ELEVATION B
SHOWN WITHOUT FENCES

- NOTES:
1. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED.
 2. SSE COMPOUND LAYOUT IS INDICATIVE ONLY.
 3. THE MINIMUM FLOOR LEVEL OF EQUIPMENT / BUILDING IN THE COMPOUND WILL BE RAISED ABOVE THE 1 IN 1000 YEAR SURFACE WATER FLOOD EVENT.
 4. REFER TO TYPICAL SECURITY FENCE DETAIL DRAWING (04531-RES-SEC-DR-PT-001) TO FURTHER DETAIL ON FENCE DESIGN.
 5. THIS DRAWING IS PRELIMINARY AND SUBJECT TO CHANGE AT DETAILED STAGE.

REFERENCES:
[1] DRAWING BASED ON 04531-RES-LAY-DR-EE-003 REV. 2

ELEVATIONS
SHEET 2 OF 2

2	FG	BD	EB	2024-03-11	Notes updated
1	FG	SM	BD	2024-01-10	First Issue
ISSUE (DRAWN, CHKD, APPD)				DATE	REVISION NOTES
PURPOSE				COORDINATES	
PERMITTING					N/A
SCALE		1:150 @ A1		DATUM	N/A
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PROJECT TITLE
NUNEHAM SOLAR FARM

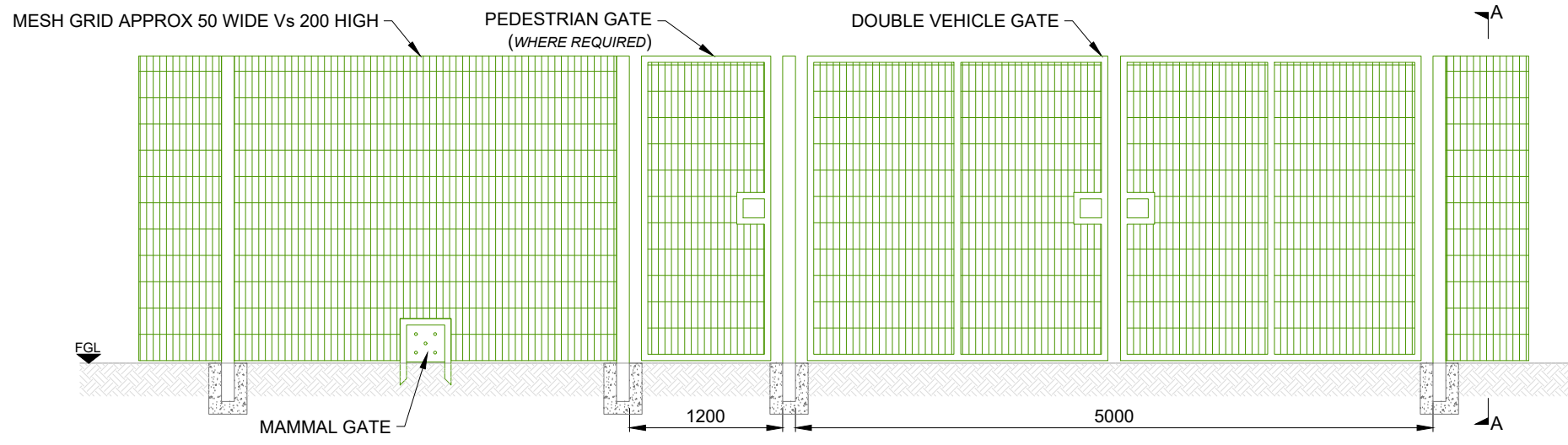
DRAWING TITLE
**FIGURE 10
SUBSTATION COMPOUND LAYOUT
LOOP IN - LOOP OUT**

RES DRAWING NUMBER
04531-RES-SUB-DR-PT-001

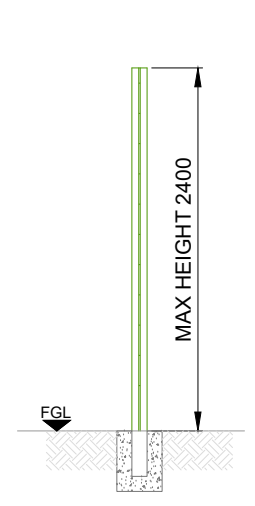
REV
2

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**TYPICAL
MESH FENCE DETAIL**



**TYPICAL
SECTION A-A**

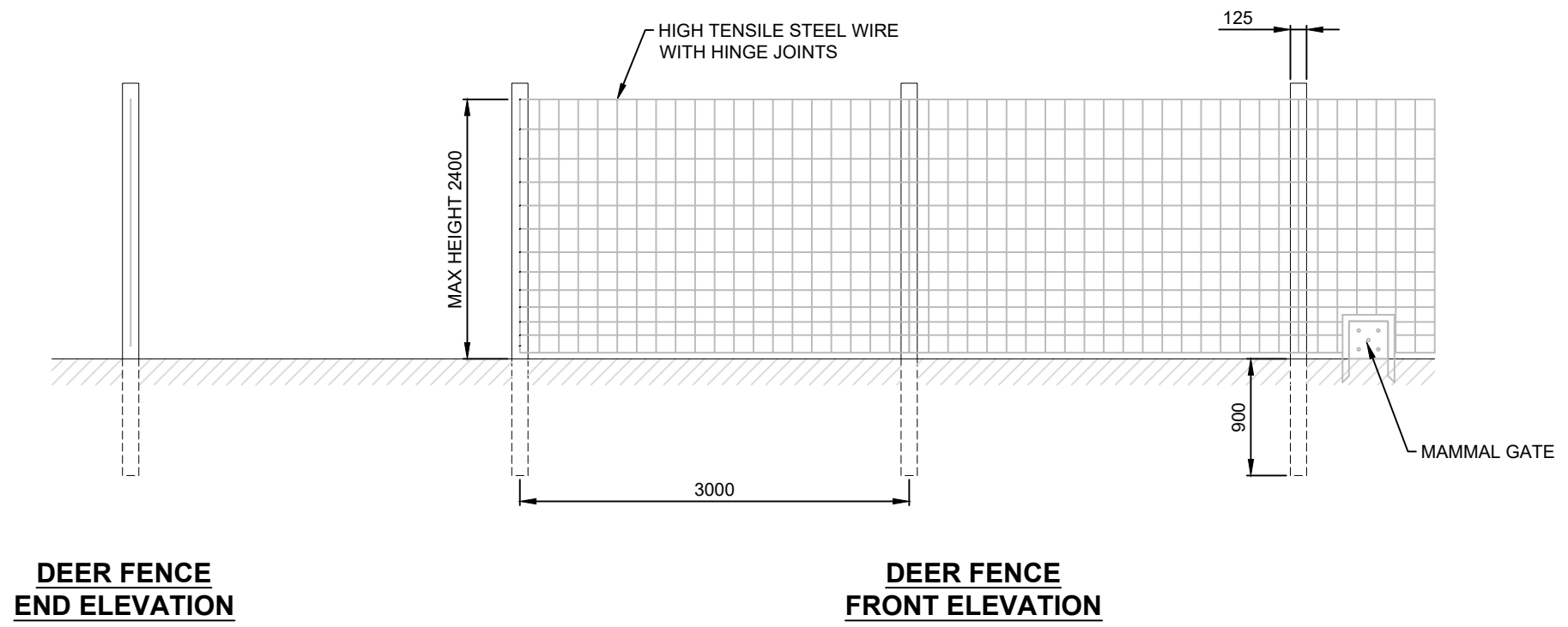
NOTES

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2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
3. SUITABLE SAFETY SIGNAGE TO BE INSTALLED ON GATES.



2	FG	BD	EB	2024-03-11	Notes update
1	FG	JM	BD	2024-01-10	First Issue
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
PURPOSE					COORDINATES
PERMITTING					N/A
SCALE					DATUM
1:50 @A3					N/A
LAYOUT DRAWING					T-LAYOUT NO
N/A					N/A
PROJECT TITLE					
NUNEHAM SOLAR FARM					
DRAWING TITLE					
FIGURE 11 TYPICAL SECURITY FENCE DETAIL					

RES DRAWING NUMBER					REV
04531-RES-SEC-DR-PT-001					2
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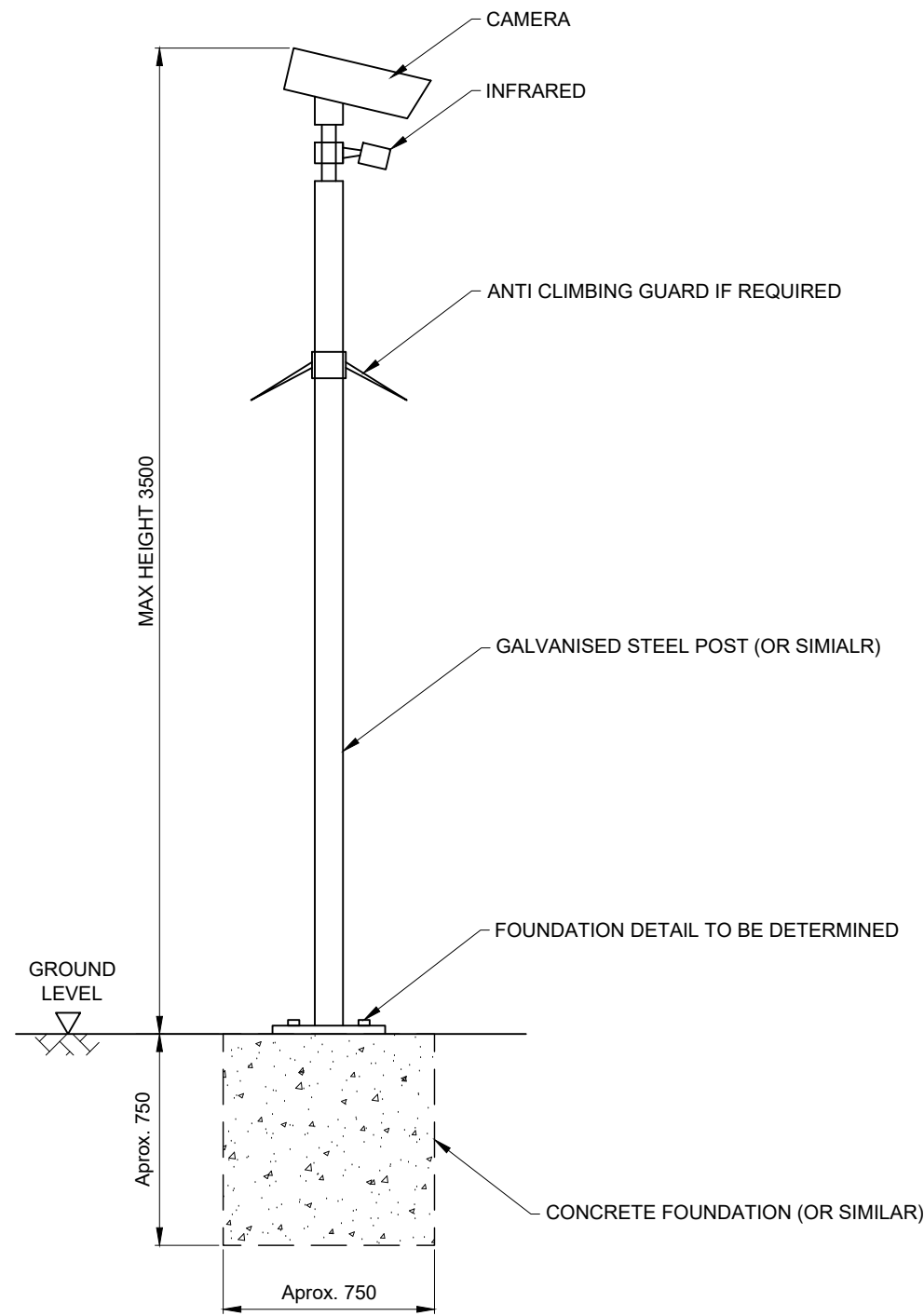
NOTES:

1. ALL DIMENSIONS ARE TYPICAL UNLESS OTHERWISE STATED AND SUBJECT TO DETAILED DESIGN.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

1	FG	JM	BD	2024-01-10	First Issue
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
PURPOSE					COORDINATES
PERMITTING					N/A
SCALE					DATUM
1:50 @A3					N/A
LAYOUT DRAWING					T-LAYOUT NO
N/A					N/A
PROJECT TITLE					
NUNEHAM SOLAR FARM					
DRAWING TITLE					
FIGURE 12 TYPICAL PERIMETER DEER FENCE					
RES DRAWING NUMBER					REV
04531-RES-SEC-DR-PT-002					1
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ELEVATION

NOTES:

1. ALL DIMENSIONS ARE TYPICAL UNLESS OTHERWISE STATED AND SUBJECT TO DETAILED DESIGN.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
3. SECURITY LIGHTING TO BE INFRARED.
4. CCTV SUPPORTS TO BE LOCATED ADJACENT TO PERIMETER FENCING.
5. CAMERAS MAY BE INSTALLED WITH PAN FUNCTION.
6. CAMERAS ARE INWARD FACING.

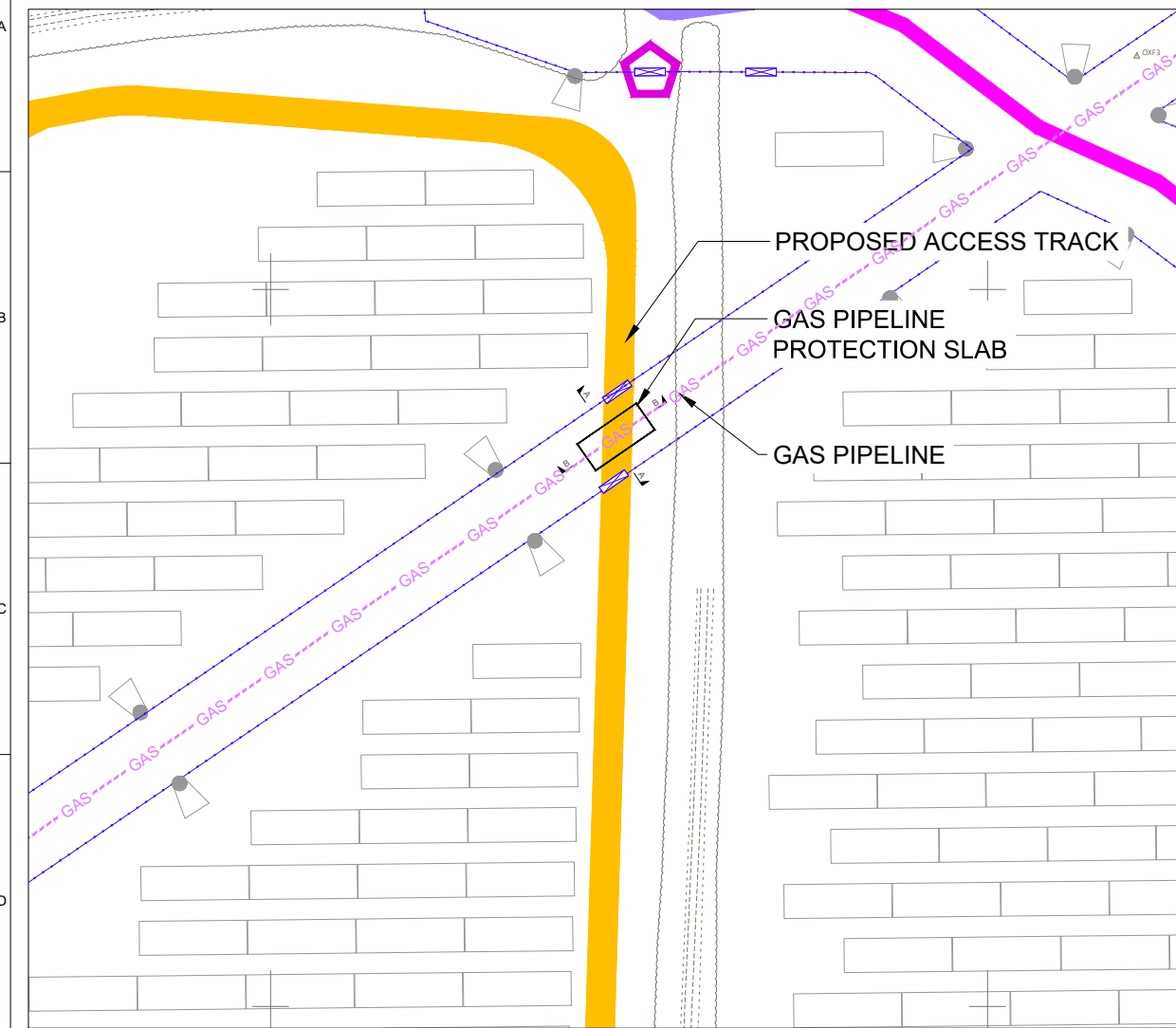
1	FG	JM	BD	2024-01-10	First Issue
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
PURPOSE					COORDINATES
PERMITTING					N/A
SCALE				DATUM	
1:25 @A3					N/A
LAYOUT DRAWING					T-LAYOUT NO
N/A					N/A
PROJECT TITLE					
NUNEHAM SOLAR FARM					
DRAWING TITLE					
FIGURE 13 TYPICAL SECURITY CCTV DETAIL					
RES DRAWING NUMBER					REV
04531-RES-SEC-DR-PT-003					1
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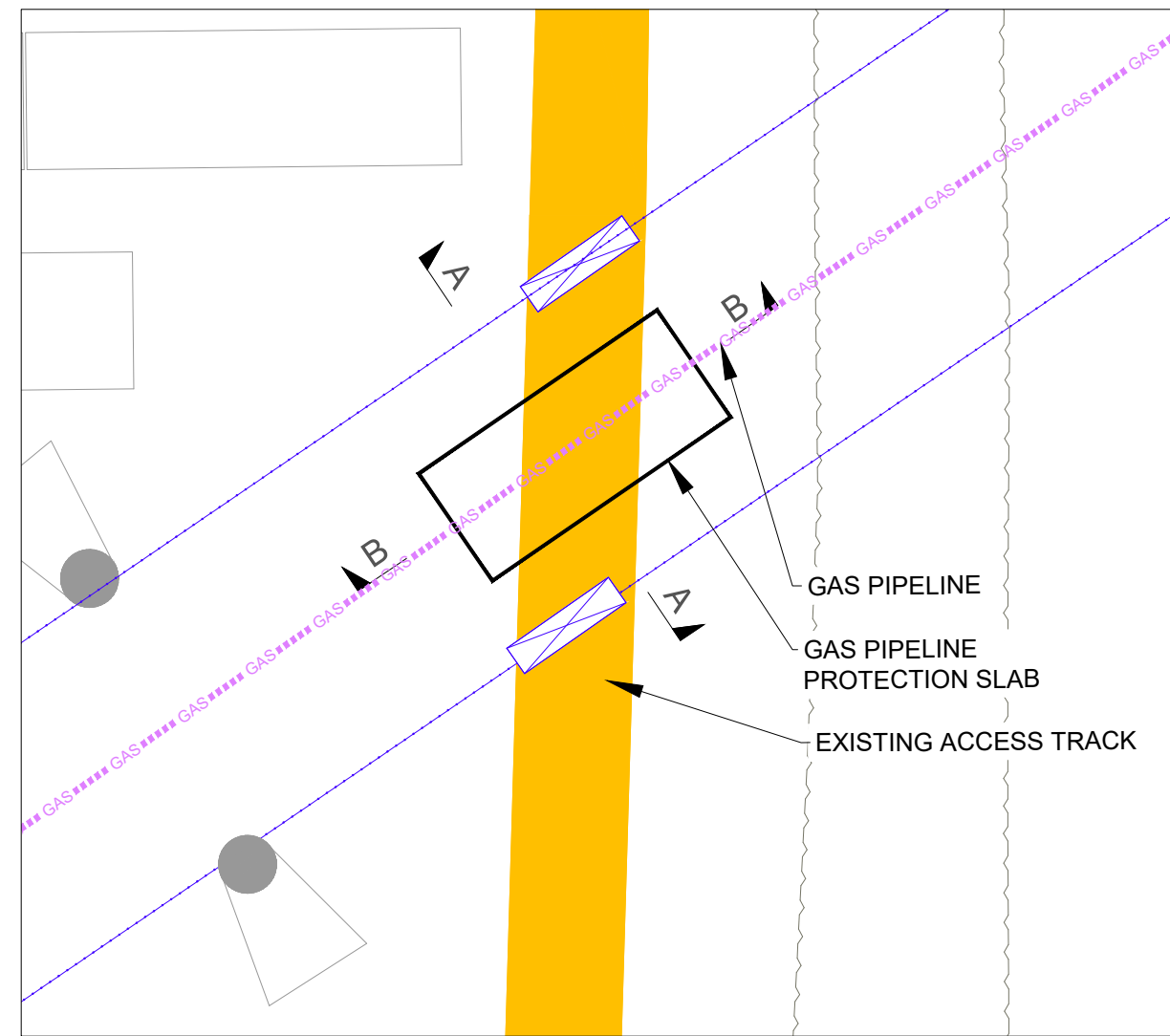
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NOTES:

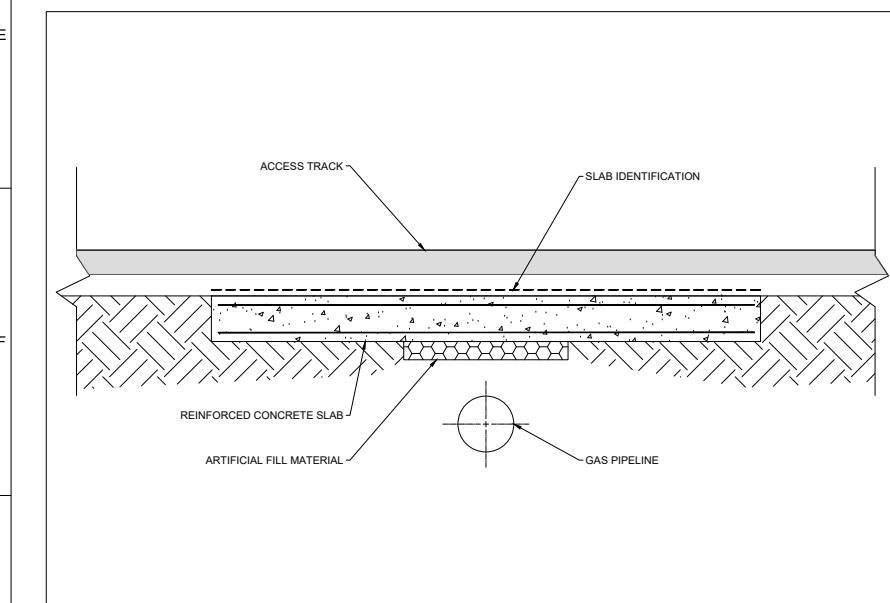
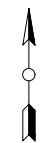
1. THE GAS PIPE PROTECTION DESIGN SHOWN IS INDICATIVE ONLY AND SUBJECT TO CHANGE.
2. DETAIL DESIGN OF GAS PIPE PROTECTION SLAB SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATIONS OF BOTH NATIONAL GRID AND SGN.



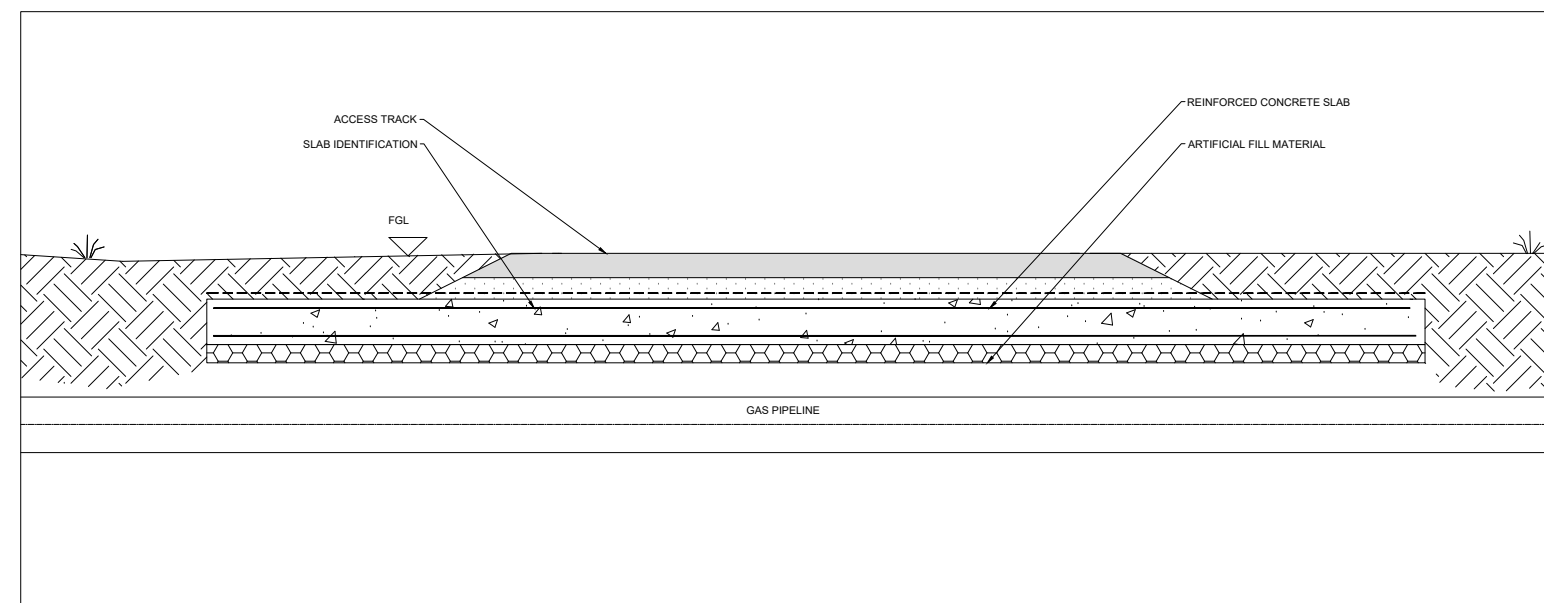
SLAB LOCATION
SCALE 1:1,000



SLAB PLAN VIEW
SCALE 1:250



SECTION A-A
SCALE 1:25



SECTION B-B
SCALE 1:25

1	FG	JM	BD	2024-01-23	First Issue
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
PURPOSE					COORDINATES
PERMITTING					OSGB 1936
SCALE					DATUM
AS SHOWN @A3					N/A
LAYOUT DRAWING					T-LAYOUT NO
N/A					N/A

PROJECT TITLE
NUNEHAM SOLAR FARM

DRAWING TITLE
**FIGURE 14
GAS PIPE PROTECTION SLAB**

RES DRAWING NUMBER
04531-RES-UTI-DR-PT-001

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