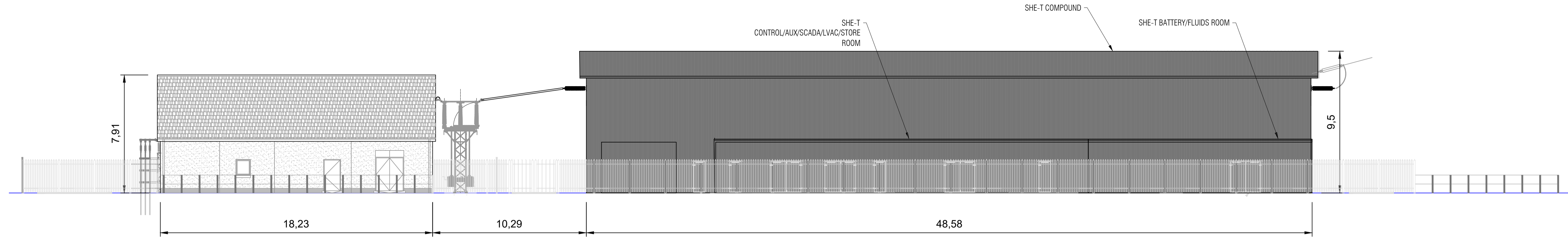


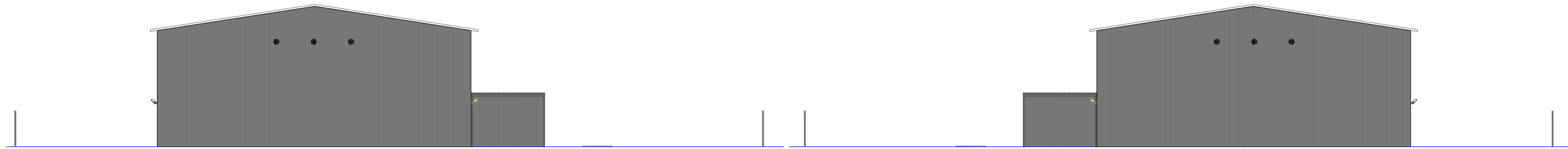
Figure 4.5d Indicative Substation Layout



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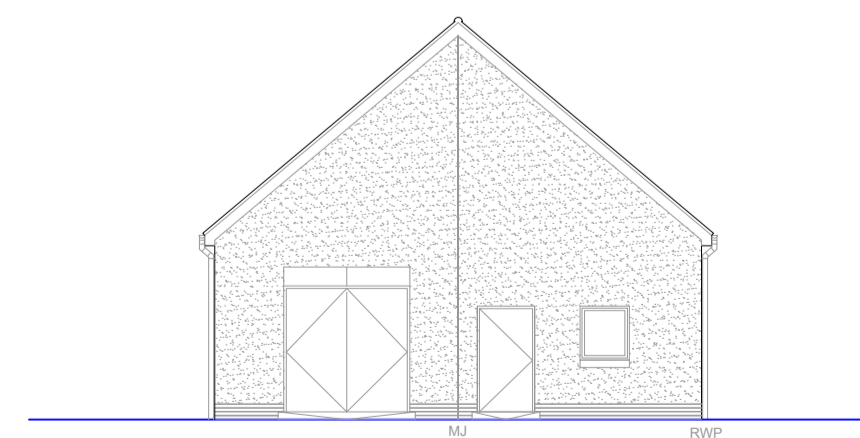


SSE & WIND FARM SUBSTATIONS FRONT ELEVATIONS (SOUTH WEST)
SCALE: 1:150

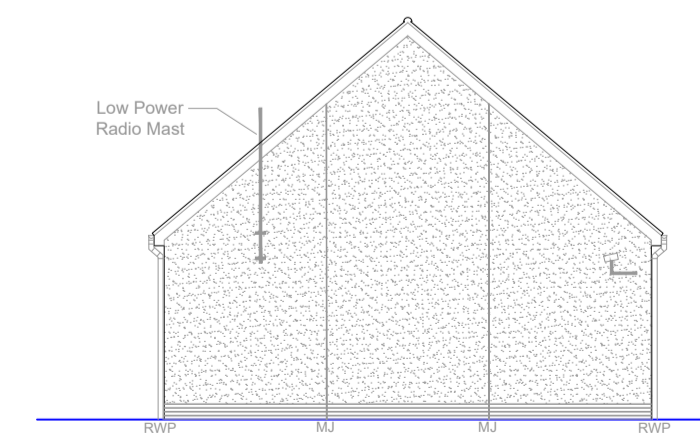


SSE SUBSTATION SIDE ELEVATION (NORTH WEST)
SCALE: 1:150

SSE SUBSTATION SIDE ELEVATION (SOUTH EAST)
SCALE: 1:150



WIND FARM SUBSTATION SIDE ELEVATION (NORTH WEST)
SCALE: 1:150



WIND FARM SUBSTATION SIDE ELEVATION (SOUTH EAST)
SCALE: 1:150

Notes:
GENERAL NOTES:
1. DRAWING FOR REFERENCE ONLY. IT WILL BE THE BALANCE OF PLANT CONTRACTORS RESPONSIBILITY TO PROVIDE THE AS BUILT DRAWINGS AND COMPLY WITH THE REQUIREMENTS OF THE PLANNING AUTHORITY.

SSE CONTROL BUILDING NOTES:
1. BUILDING TO BE OF PORTAL FRAME CONSTRUCTION AND CLAD IN PROFILED STEEL SHEETING.
2. EXTERNAL WALL AND ROOF TO BE ANTHRACITE GREY (RAL 7016).
3. DOORS TO BE ROLLER SHUTTER DOORS WITH SUITABLE RAMPED ACCESS.
4. GALVANISED STEEL FENCE (RAL 7012) TO BE 2400mm HIGH PALISADE FENCE (OR SIMILAR APPROVED) WITH DOUBLE GATES.
5. SSE COMPOUND LAYOUT BASED ON INFORMATION SUPPLIED BY SSE.

WIND FARM CONTROL BUILDING NOTES:
1. ALL DIMENSIONS ARE IN METERS.
2. ALL DESIGN AND WORKS TO BE IN ACCORDANCE WITH THE SUBSTATION DESIGN BASIS STATEMENT AND SHET SPECIFICATIONS: - TG-PS-747 TRANSMISSION SUBSTATION CIVIL DESIGN AND CONSTRUCTION GUIDANCE, AND SP-PS-420 TRANSMISSION EARTHWORKS
3. EXTERNAL WALLS TO BE WHITE WET DASH RENDER.
4. ALL RAINWATER GOODS ALL TO BE UPVC BLACK PLASTIC.
5. DOORS TO BE GREY STEEL DOORS WITH SUITABLE RAMPED ACCESS. DOUBLE DOORS HAVE REMOVABLE PANELS ABOVE.
6. ROOF FINISH TO BE SLATE EFFECT GREY CONCRETE ROOF TILES, LEADING EDGE WITH A RIVEN FINISH (MARLEY EDGEMERE OR SIMILAR). RIDGE TO BE DRY VENTILATED RIDGE SYSTEM.
7. ALL FASCIA-BOARD AND SOFFIT-BOARDS TO BE UPVC, COLOUR TO MATCH DOORS, TIMBER TO BE PAINTED TO MATCH DOORS.
8. ALL FENCING AROUND THE HV COMPOUND, TO BE 2.4m HIGH PALISADE FENCE (OR SIMILAR APPROVED) WITH DOUBLE GATES. THE FENCING SHOULD ALSO BE POWERED COATED, (RAL 7012).
9. ALL WINDOWS TO HAVE ELECTRIC SHUTTERS WHICH ARE CONTROLLED FROM INSIDE THE BUILDING, COLOUR TO MATCH DOORS.
10. HEATING TO BE FITTED TO PREVENT ROOM TEMPERATURE FALLING BELOW 10°C.
11. EXTERNAL LIGHTS TO HAVE PIR FITTED AROUND THE BUILDING.
12. APPROPRIATE WASTE WATER PACKAGE TREATMENT WORKS TO BE INSTALLED.

Rev	Description	By/Ch	Date
I	Drawing updated to FINAL and notes updated.	GC/AK	03-09-20
H	Drawing updated, following comments from client	GC/AK	11-08-20
G	Drawing updated, following comments from client	GC/AK	31-07-20
F	Drawing updated, following comments from planning dept.	GC/AK	03-07-20
E	SSE building colours updated following comments from planning dept.	GC/AK	02-07-20
D	Drawing updated, following comments from planning dept.	GC/AK	26-06-20
C	Drawing updated, notes added to drawing.	GC/AK	15-06-20
B	Drawing updated, dimensions added to drawing.	GC/AK	28-05-20
A	Initial drawing issue	GC/AK	22-05-20

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IFS Doc No. : 1226063	IFS Activity: 304.30402	
Drawn: GC	Checked: AK	Approved: AK
Scale: 1:150 @ A1	Date: 22-05-2020	

Client: Infinergy	
Status: FINAL	
Project: Limekiln Wind Farm	
Drawing Title: Substation Section & Elevations	
Drawing No. 13835_100_102	Revision 1