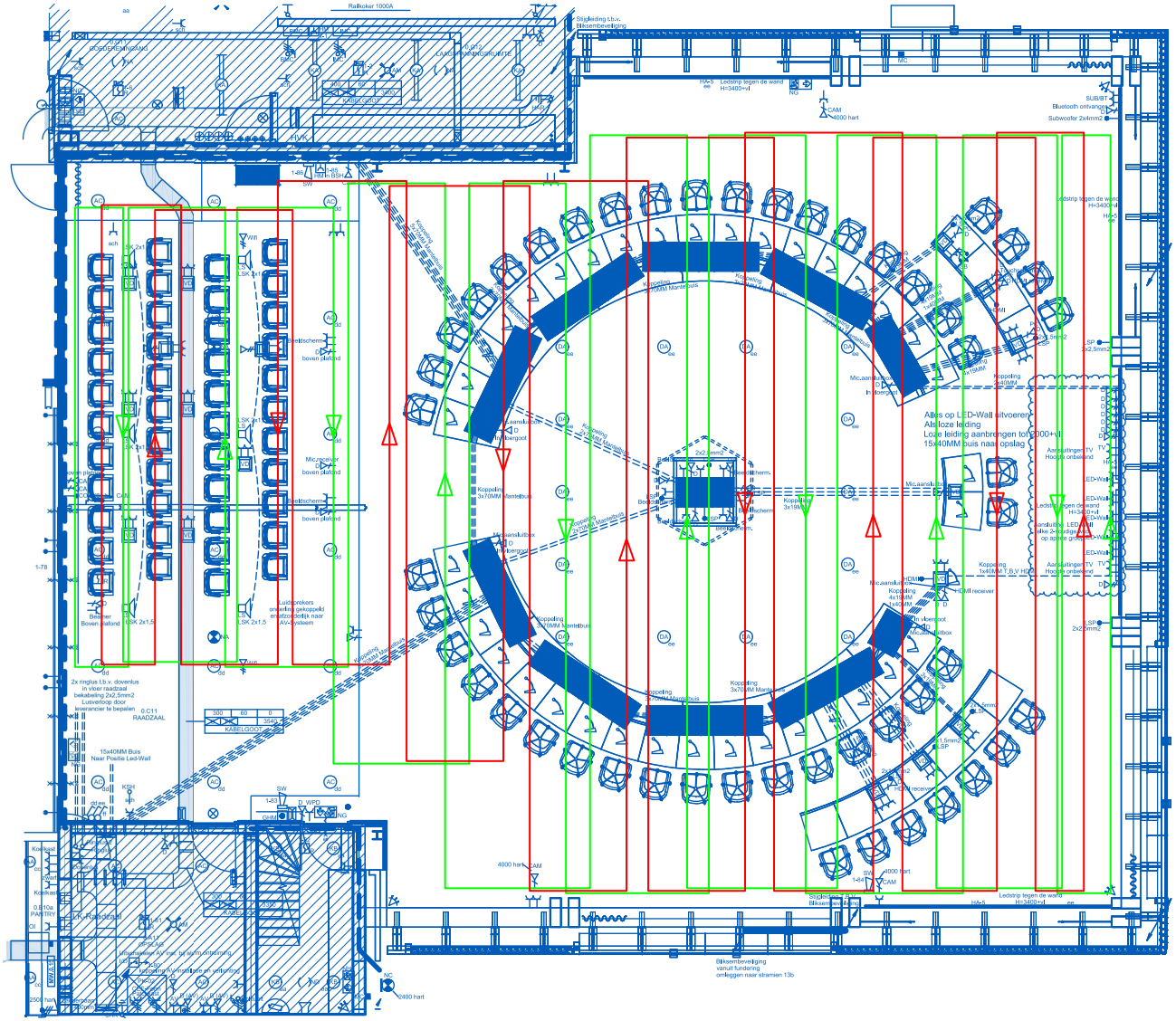


EQUIPMENT REQUIRED FOR THIS DESIGN			
Product	Description	Unit Size	Qty
C10–2N	MultiLoop Driver	1U	1
ACFB100U18	1.8mm² Flat Copper Tape	100m reel	7
ACWP50	Adhesive Warning Tape	50m reel	14

FEED CABLE			
Type	2.5mm² Twisted Pair	Length	10m
ARRAY 1			
Resistance	3.4 Ω	Length	340m
ARRAY 2			
Resistance	3.0 Ω	Length	295m

LOOP PERFORMANCE	
Base Current	2.7 A
Metal Type	Reinforced Concrete
Loss Headroom	6 dB
Listening Height	1.2 m

Notes:

1. The loop system consists of one or two circuits, these may be individual loops or arrays of multiple narrow segments.

2. Where there are two arrays, each one is driven by a separate amplifier channel and unless specified the output current for each channel should be set the same.

3. The feed cable between driver and loop must be installed with the specified cable type. If the feed cables are longer than specified or a different cable type this may impact system performance.

4. Unless tested on site, the loss figure has been estimated and no guarantee of actual performance can be given, although every effort has been taken to give realistic estimates of performance. If the effect of structural metal is greater than estimated, additional drive equipment may be required.

5. Once installed, the loop should be tested to confirm the resistance of each circuit is as specified and there is no continuity between arrays or to ground.

6. At the earliest opportunity and ideally while the loop cable is still accessible, test the system using a calibrated field strength meter to confirm the expected field strength, frequency response and overspill control has been achieved.

7. Induction loop systems rely on high quality audio inputs, any microphones or audio feeds to the loop should be tested to ensure good intelligibility is provided.

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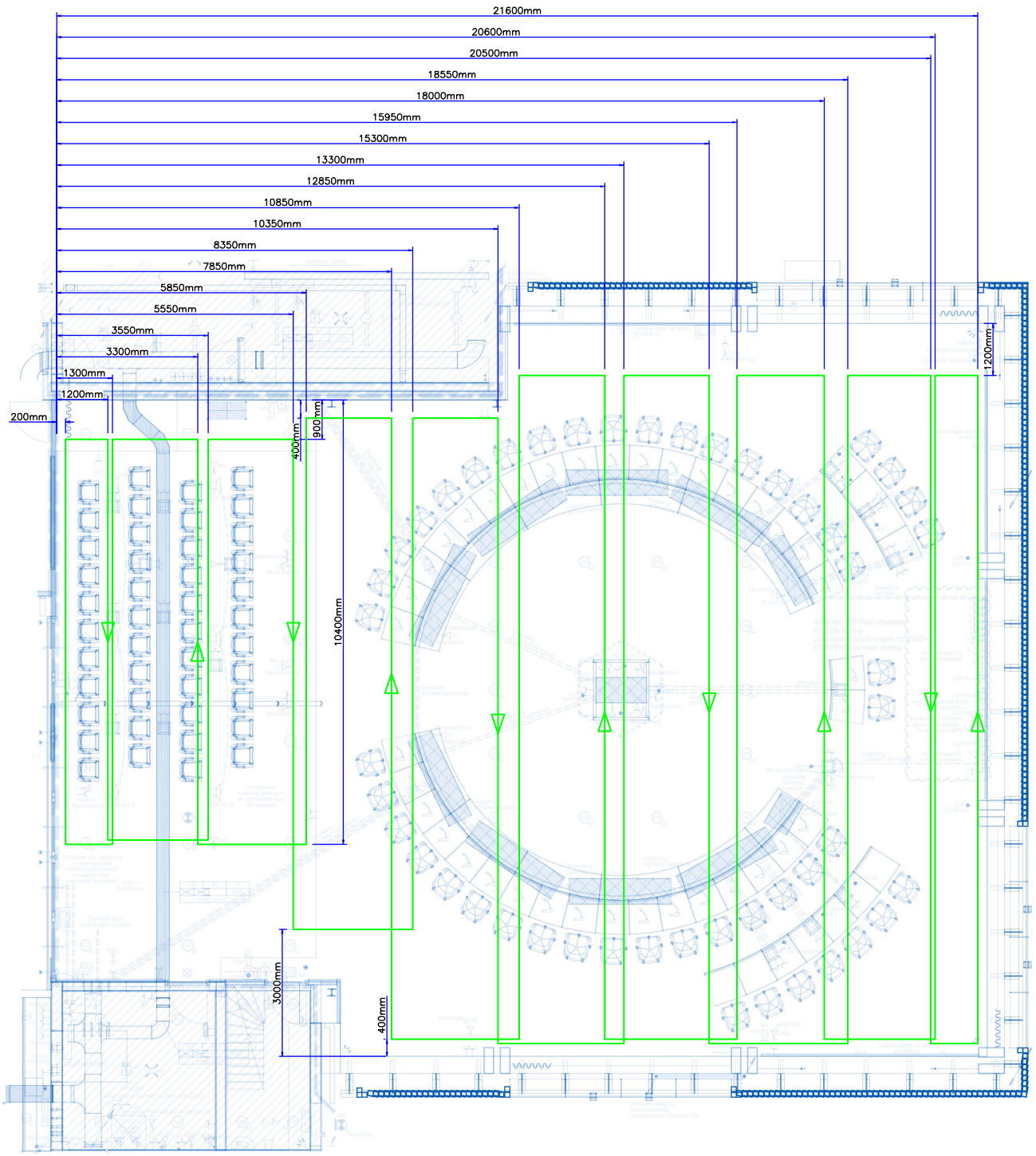
CLIENT:

SITE: Vijfheerenlanden

TITLE: Chamber

SCALE AT A3:	DATE:	DRAWN:	CHECKED:
1.100	01/06/2026	JDB	ALJ
DRAWING NO: 145-482 / 01	SHEET: 1 of 5 - Floorplan		REVISION: 0

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Notes:

1. The loops must be installed and wired exactly as shown in the drawings.

2. Tolerance for the dimension of any point is +/− 0.05 m.

3. If there are obstructions not shown on the drawings the wire may be diverted up to 300mm sideways and 400mm along the length of the wire. Any larger diversion must be confirmed with Ampetronic to ensure performance is maintained.

4. The loop is shown as a single continuous circuit, you should start and finish the circuit at the closest convenient point to the feed cable connecting to the amplifier.

5. Any distance between loop tapes and the feed cable point should be covered with a pair of tapes run directly next to each other.

6. The loops should be installed on the floor using flat copper tape and adhesive installation tape under the floor finish (carpet or vinyl).

7. If used under particularly thin floor coverings, the line of the tape could be slightly visible.The installer is responsible for confirming the compatibility of all materials before they are used in the project.

8. If installing flat copper tape on metal floor tiles an undertape layer should be used to offer additional protection between the floor and loop.

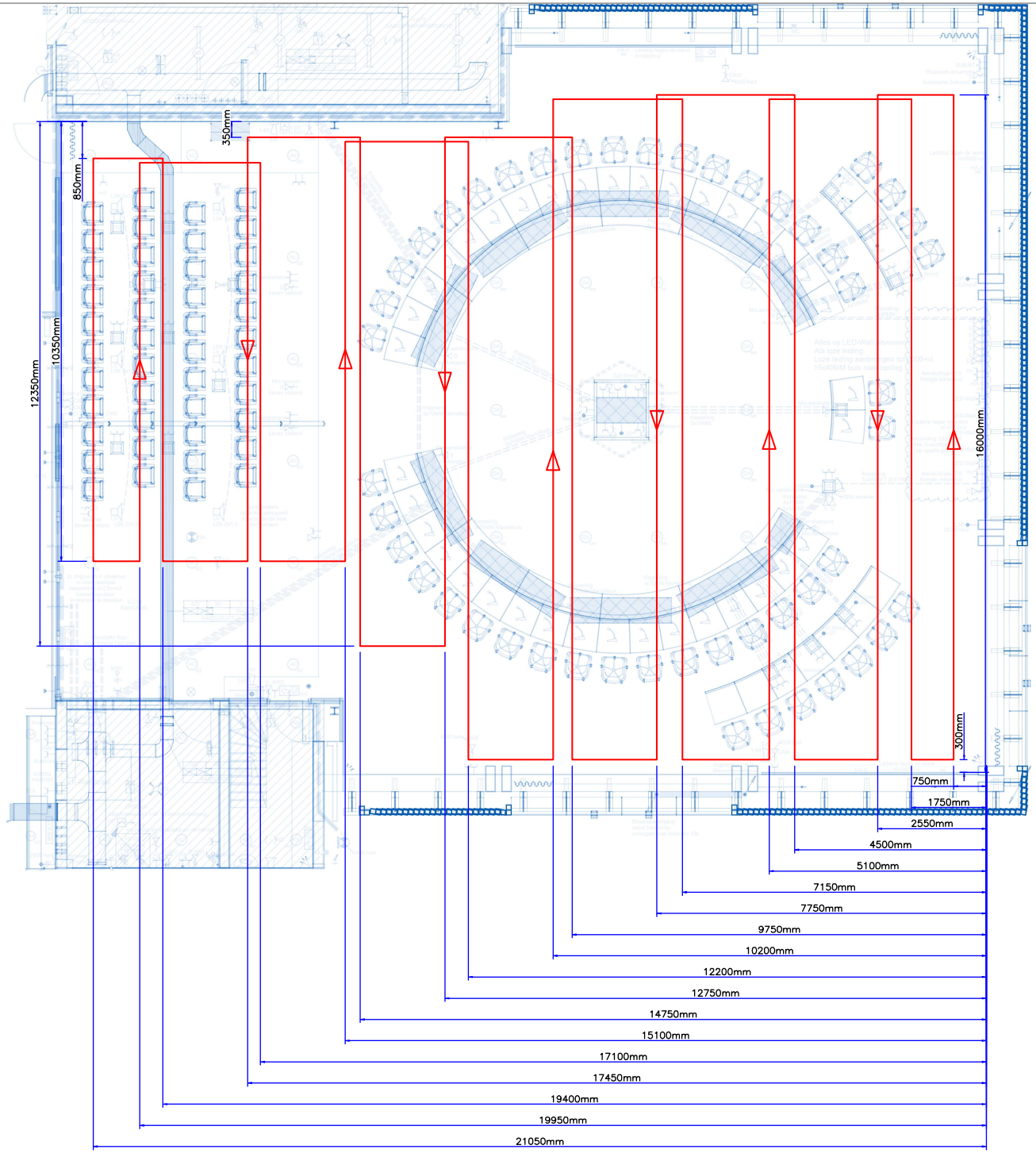
9. Flat copper tape should not be covered with levelling compounds or other cement based materials without seeking specialist advice.

10. Where joints are required between tape or cable these must be made using a suitably robust electrical connection, eg. solder or crimps, and re−insulated to the same level as the original cable.

AMPETRONIC

CLIENT:			
SITE: Vijfheerenlanden			
TITLE: Chamber			
SCALE AT A3: 1.100	DATE: 01/06/2026	DRAWN: JDB	CHECKED: ALJ
DRAWING NO: 145-482 / 01	SHEET: 2 of 5 - Array 1		REVISION: 0

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Notes:

1. The loops must be installed and wired exactly as shown in the drawings.

2. Tolerance for the dimension of any point is +/− 0.05 m.

3. If there are obstructions not shown on the drawings the wire may be diverted up to 300mm sideways and 400mm along the length of the wire. Any larger diversion must be confirmed with Ampetronic to ensure performance is maintained.

4. The loop is shown as a single continuous circuit, you should start and finish the circuit at the closest convenient point to the feed cable connecting to the amplifier.

5. Any distance between loop tapes and the feed cable point should be covered with a pair of tapes run directly next to each other.

6. The loops should be installed on the floor using flat copper tape and adhesive installation tape under the floor finish (carpet or vinyl).

7. If used under particularly thin floor coverings, the line of the tape could be slightly visible.The installer is responsible for confirming the compatibility of all materials before they are used in the project.

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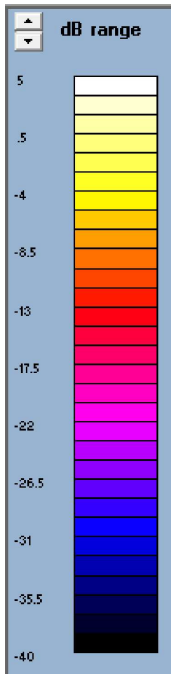
9. Flat copper tape should not be covered with levelling compounds or other cement based materials without seeking specialist advice.

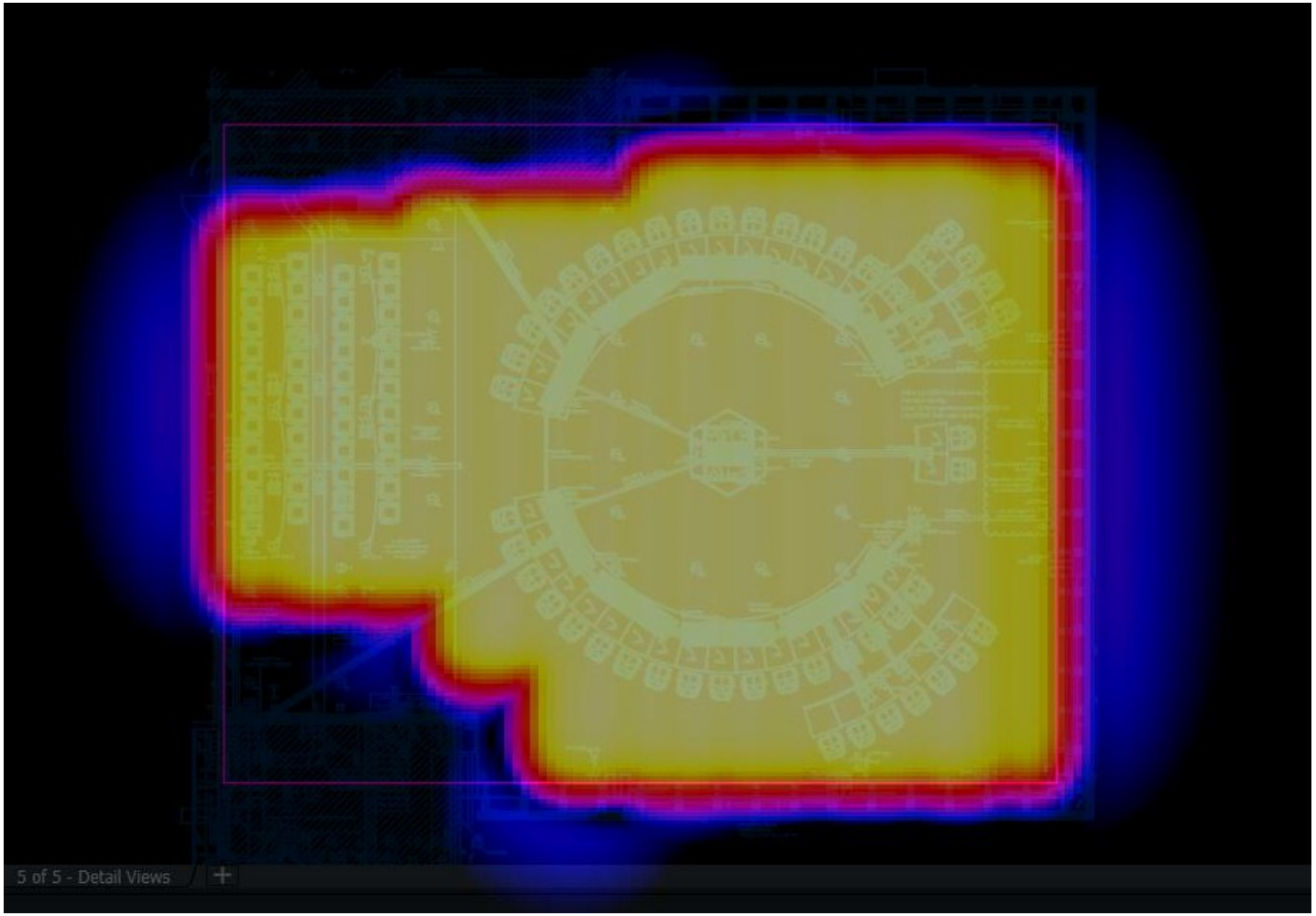
10. Where joints are required between tape or cable these must be made using a suitably robust electrical connection, eg. solder or crimps, and re−insulated to the same level as the original cable.

AMPETRONIC

CLIENT:			
SITE: Vijfheerenlanden			
TITLE: Chamber			
SCALE AT A3: 1.100	DATE: 01/06/2026	DRAWN: JDB	CHECKED: ALJ
DRAWING NO: 145-482 / 01	SHEET: 3 of 5 - Array 2		REVISION: 0

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Notes:

1. The coverage plot shows simulated signal within the room and overspill to adjacent areas based on the loop layout modelled in this drawing.

2. The field strength should be 0dB +/−3dB re: 0.4Am−1 (RMS) in the areas of good coverage in compliance with IEC 60118−4.

3. Both coverage and overspill can be affected by a number of factors, such as the accuracy of the installation and the impact of metal structures on site.

4. Overspill to areas of different listening planes is not represented and should be confirmed with Ampetronic if required.

5. Overspill can cause interference with instruments such as electric guitars and some dynamic microphones, it is important to check that spill control measures have been provided to any intended performance areas.

6. Actual performance may depend on magnetic background noise within the space, which could be caused by electrical equipment or adjacent loop systems, where possible this should be tested before installation.

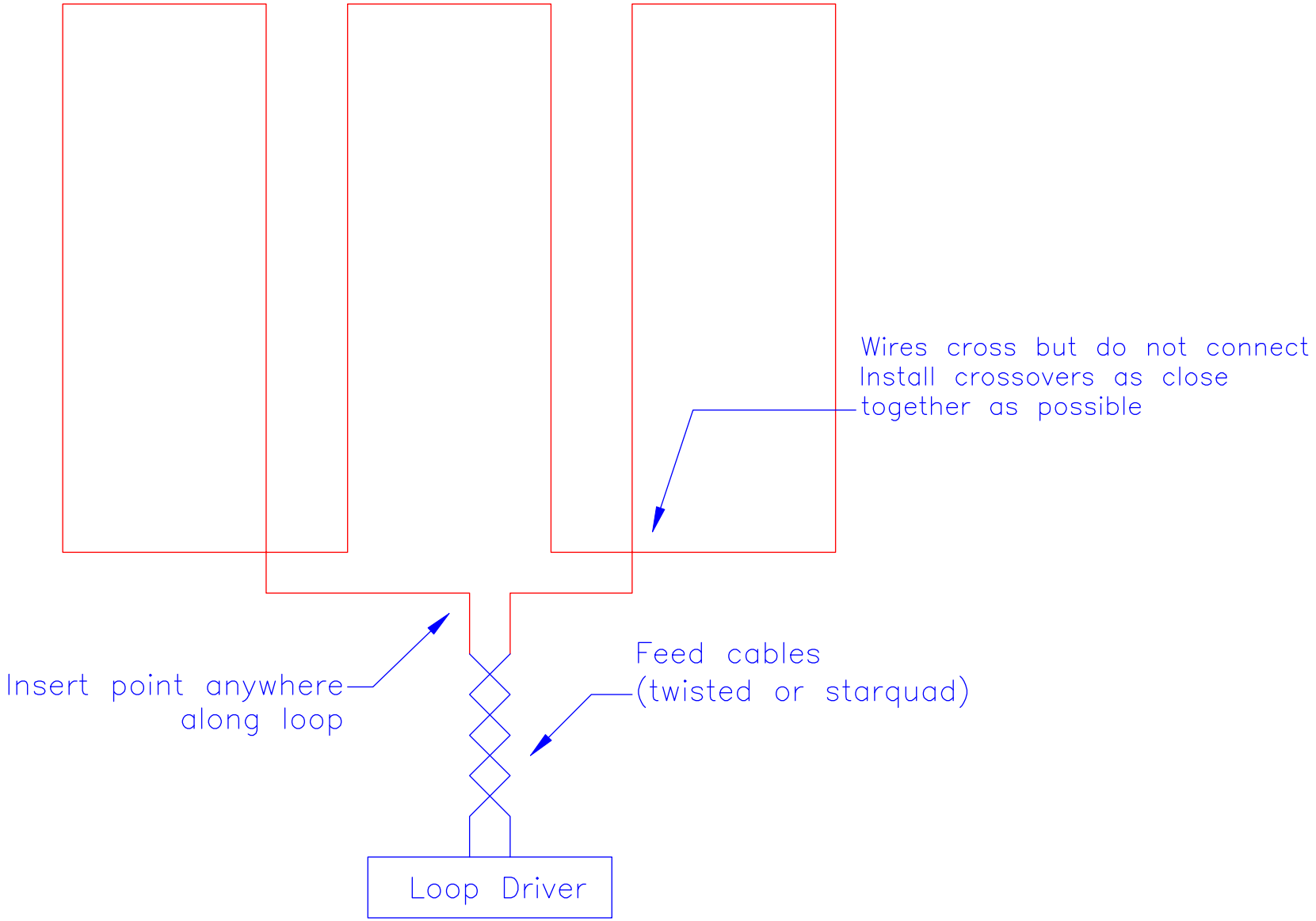
7. Field strength outside the room (spill) should not be greater than −40dB re: 0.4Am−1 (RMS), measured 1m into the adjacent space (if the loops are installed accurately). This system has not been designed to minimise spill between adjacent floors.

AMPETRONIC

CLIENT:			
SITE: Vijfheerenlanden			
TITLE: Chamber			
SCALE AT A3: NTS	DATE: 01/06/2026	DRAWN: JDB	CHECKED: ALJ
DRAWING NO: 145-482 / 01	SHEET: 4 of 5 - Performance		REVISION: 0

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Indicative Loop Circuit Connections



Notes:

1. Polarities and crossovers must be installed as shown in the layout drawings to ensure the loop performs as designed.

2. When tape is used, adjacent wires should be run directly next to each other, care should be taken to avoid short circuits at crossover points.

3. When using cable, adjacent wires can be run in the same conduit or saw cut.

Rev.	Description	Date	Drawn	Checked
0	Initial Design	01/06/2026	JDB	ALJ
1				
2				
3				

AMPETRONIC

CLIENT:

SITE: Vijfheerenlanden

TITLE: Chamber

SCALE AT A3:	DATE:	DRAWN:	CHECKED:
NTS	01/06/2026	JDB	ALJ
DRAWING NO: 145-482 / 01	SHEET: 5 of 5 - Detail Views		REVISION: 0

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