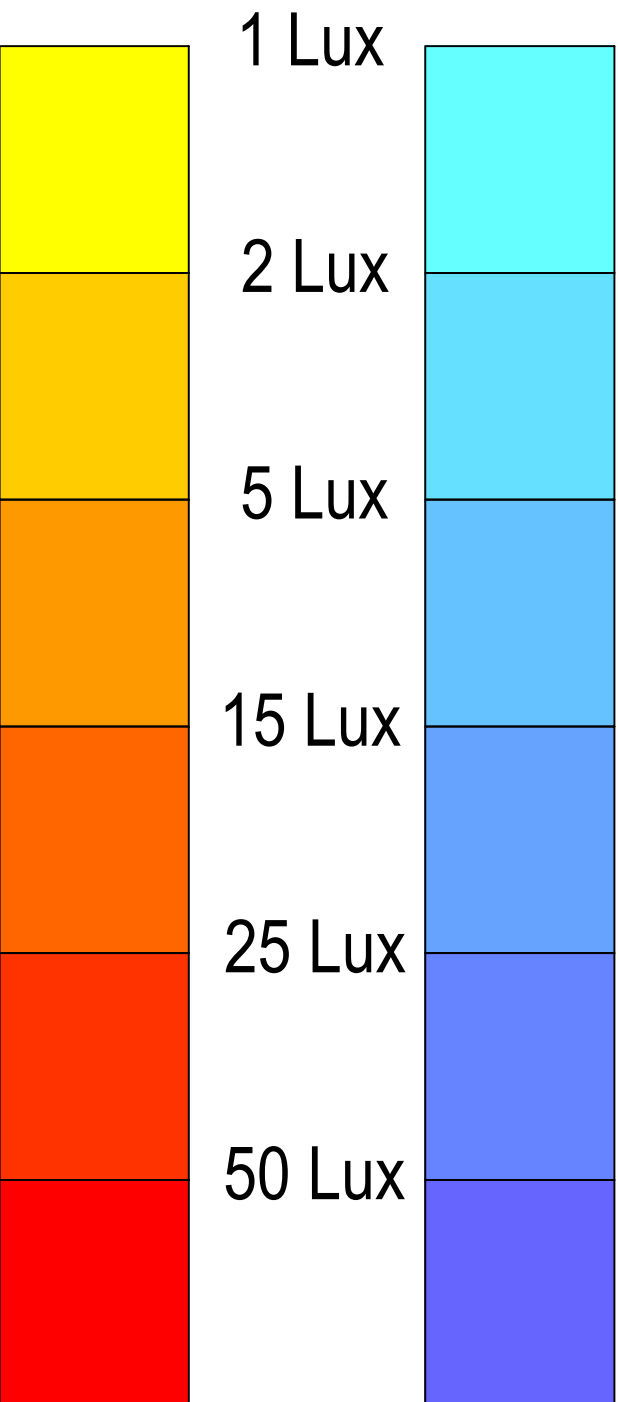
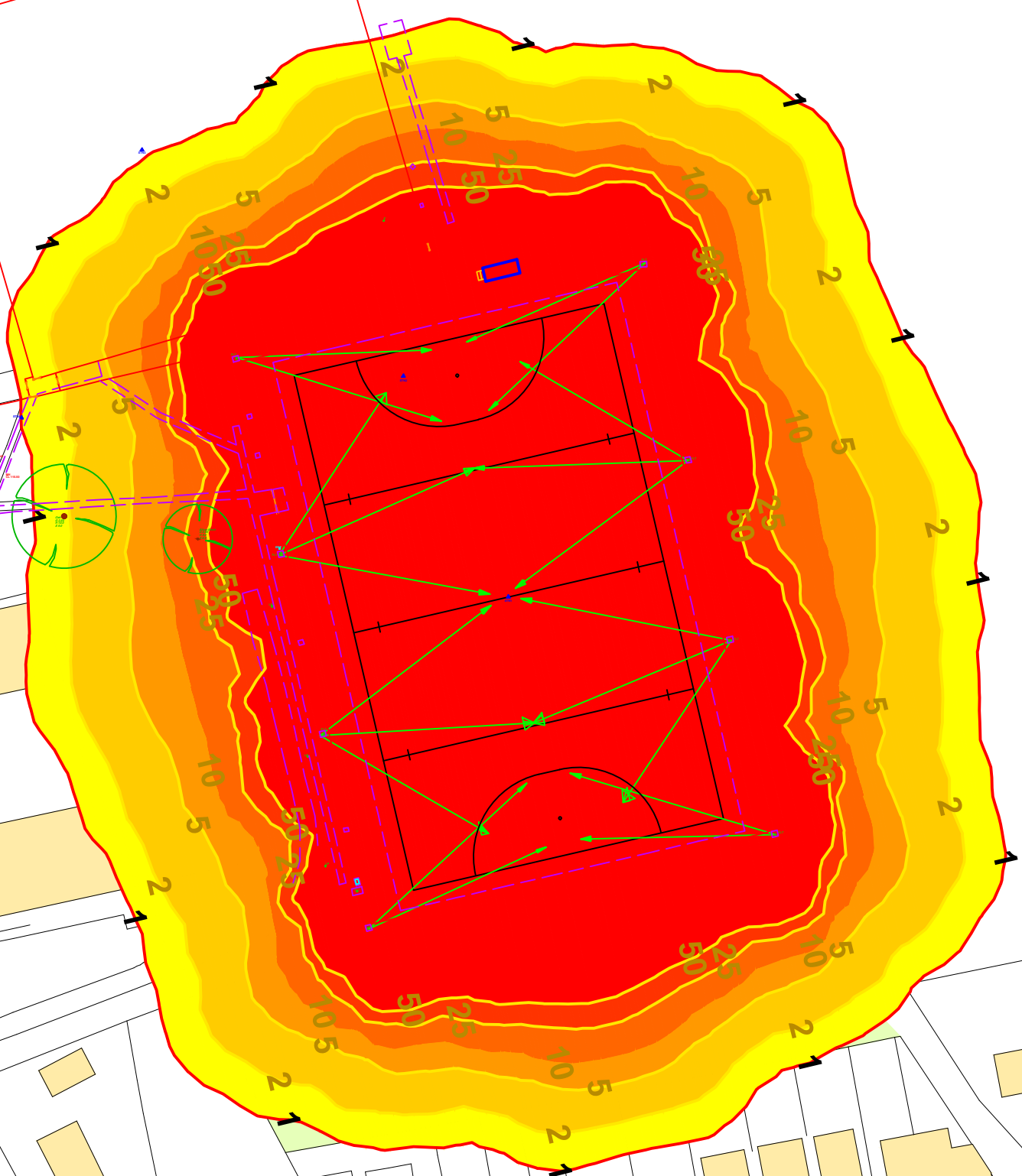
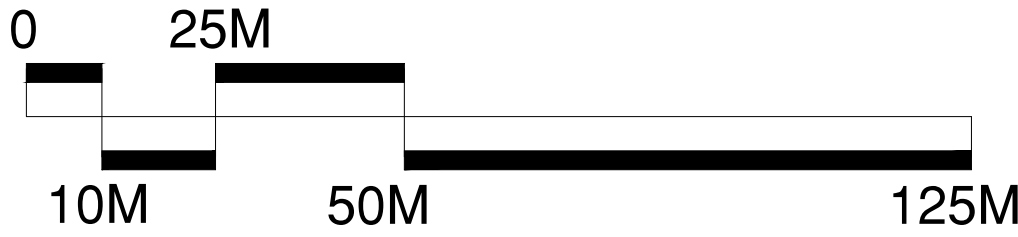
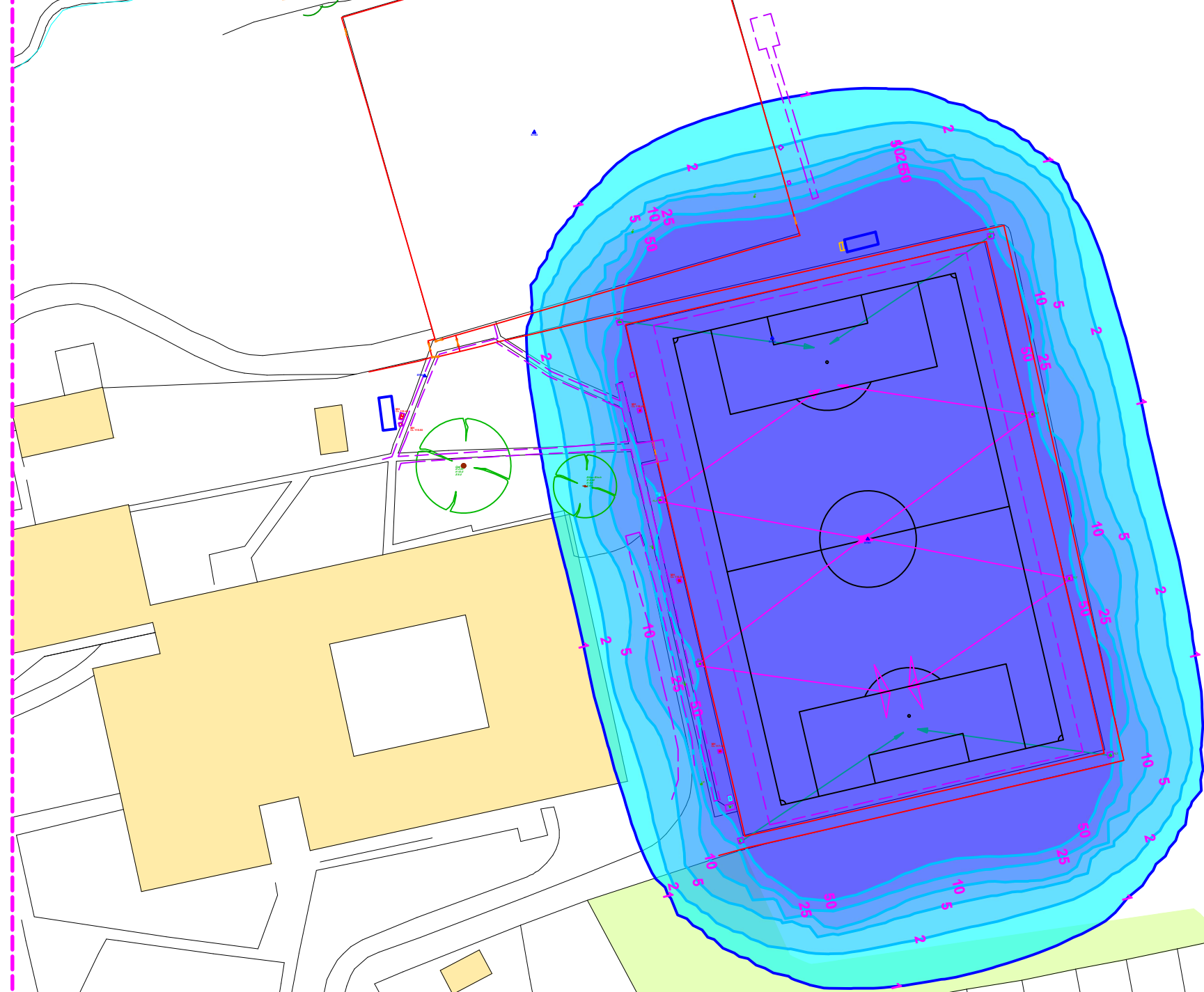


Heath Lane Academy

Replacement Lighting and Fencing to AGP



Lux Spillage levels



Existing Spillage

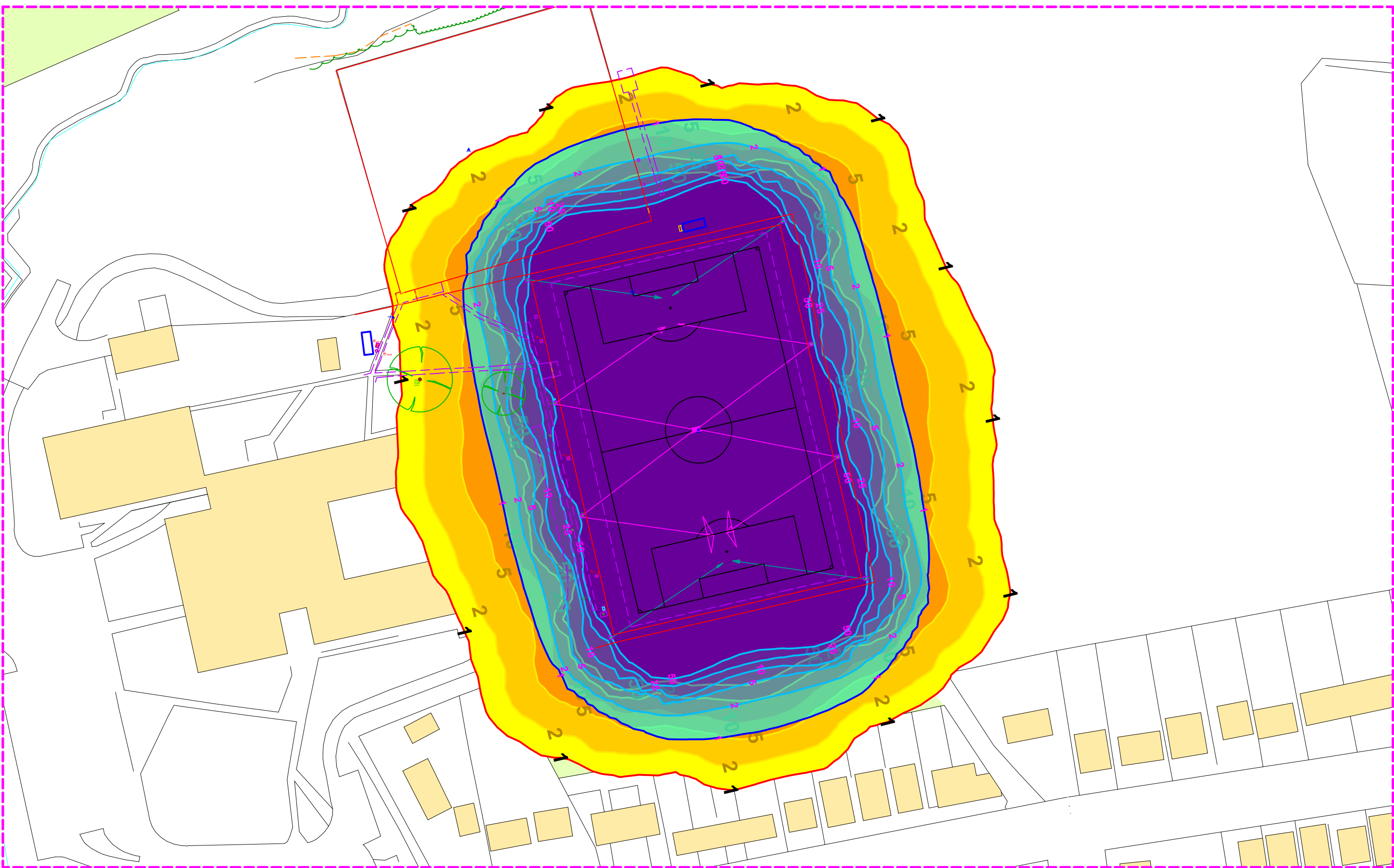
Proposed Spillage

- Notes:
- The existing site spillage shows the spillage of the existing pitch metal halides
 - The proposed site spillage shows the spillage of the proposed LEDs
 - The spillage comparison shows both the proposed LED spillage and the existing metal halide spillage.

Please note the spillage shown for the AGP is shown without any obstruction, and are therefore a worst case scenario.

Chart of example lux levels for reference			
Lighting conditions	Lux level	Lighting conditions	Lux level
British summer sunshine	50,000	Typical side road lighting	5
Overcast sky	5,000	Minimum security lighting	2
Well-lit office	500	Twilight	1
Minimum for easy reading	300	Clear full moon	0.25 to <1
Passageway or outside working area	50	Typical moonlight/cloudy sky	0.1
Good main road lighting	5-20	Typical starlight	0.001
Sunset	10	Poor starlight	0.0001

Source: IPCCTV specialists use-IP Ltd



Spillage Comparison