



Marblehead Public Schools

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June 22, 2025

Dear Marblehead Planning Board,

The district is seeking relief from the planning board's 2013 decision regarding the use of the lights and the public announcement system (PA system) at Piper Field, 2 Humphrey Street, Marblehead, MA.

Collaboration and communication are important factors in ensuring that the various town entities work together for the greater good of all youth in the town. As such, we are looking to maximize the use of Piper Field so that our Marblehead sub-varsity teams can utilize the field more frequently, thereby freeing up other fields in town for usage by the town recreational leagues.

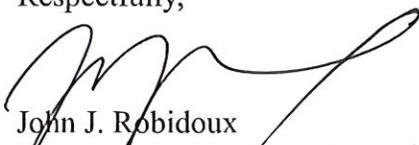
The current planning board document (2013) encompasses the use of Piper field lights and the PA system. In the decision, the use of the lights is limited to twelve nights per year and the utilization of the PA system is only during football games.

The updated proposal is to utilize the lights until 10:00 PM for twelve nights and until 9:00 PM on all other nights when the field is in use throughout the school year. We are also seeking to use the PA system at all applicable MPS athletic contests at the field. Only allowing the system to be used during football games causes a clear equity issue that will be addressed by increasing the capacity. This issue has not been revisited since 2013, and given that there is significant demand for field use by sports teams and the fact that the new LED lights have much lower impact than the lights that have been replaced, it seems prudent to seek relief from the most recent decision at this time (see attached diagrams indicating the distance of "lighting spill" from the field).

The Marblehead School Committee approved the relief proposal at their May 1, 2025 meeting and we are hopeful that the planning board will agree that amending the current decision will benefit the youth of our town.

Thank you for your time and consideration.

Respectfully,



John J. Robidoux
Superintendent of Schools

Marblehead High School Turf Field

Marblehead, MA

Grid Summary

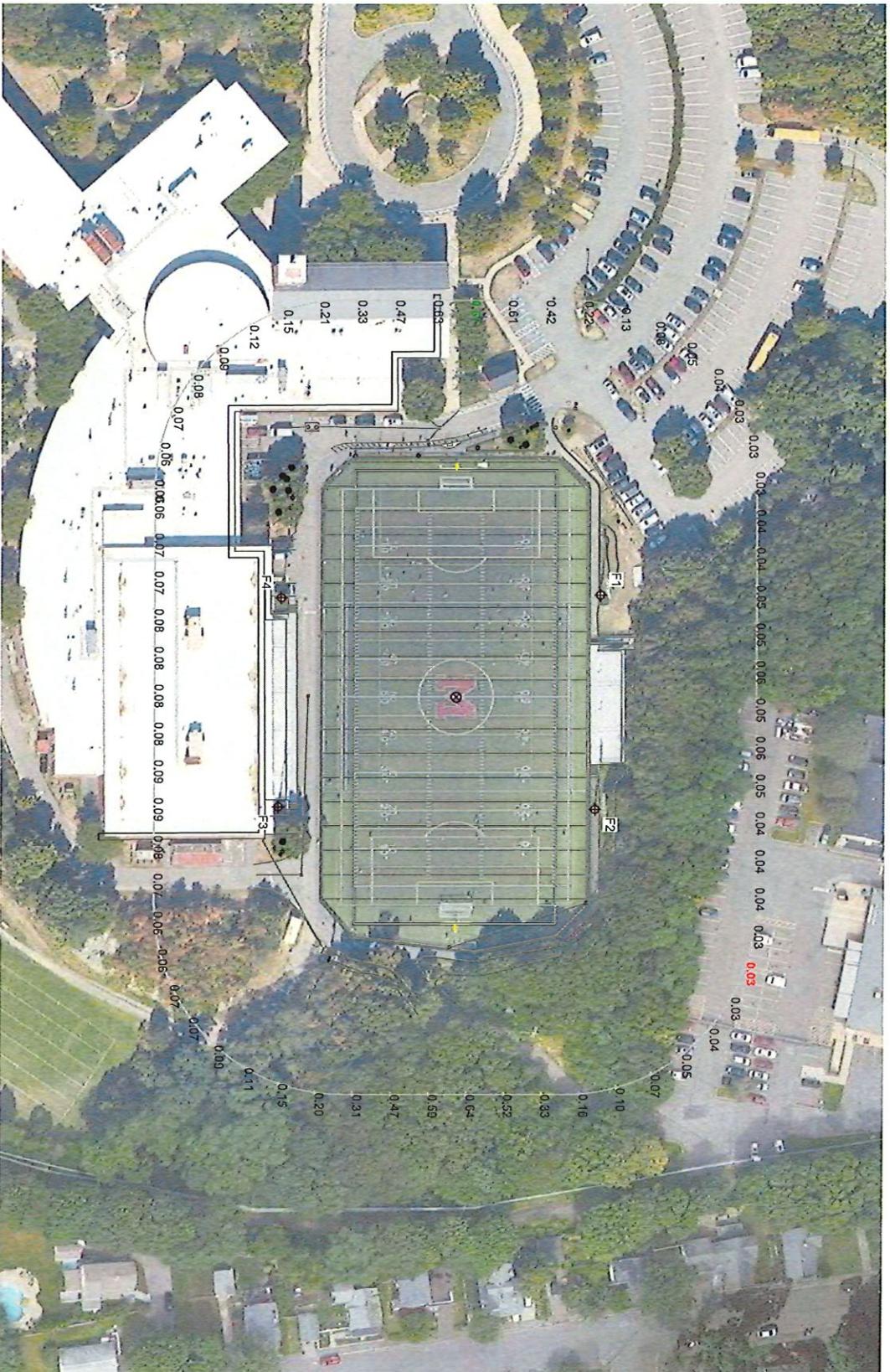
Name Spill at 150'
Spacing 30.0' x 30.0'
Height 3.0' above grade

Illumination Summary

MAINTAINED HORIZONTAL FOOTCANDLES	
Scan Average	0.1331
Minimum	0.07
Maximum	0.20
No. of Points	66
Applied Circuits	A
No. of Luminaires	22
Total Load	32.68 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and Field Measurements. Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage for electrical load or the "Musco Control System Summary" Installation Requirements. Results assume ±3% nominal voltage at the site of the driver and structures located within 3 feet (1m) of design locations.



SCALE IN FEET 1:80



ENGINEERED DESIGN By: Tlaphier • File #233465A-Prod • 03-Jul-24

Pole location(s) ⊕ dimensions are relative to 0.0 reference point(s) ⊗

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ILLUMINATION SUMMARY

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Marblehead High School Turf Field

Marblehead, MA

Grid Summary

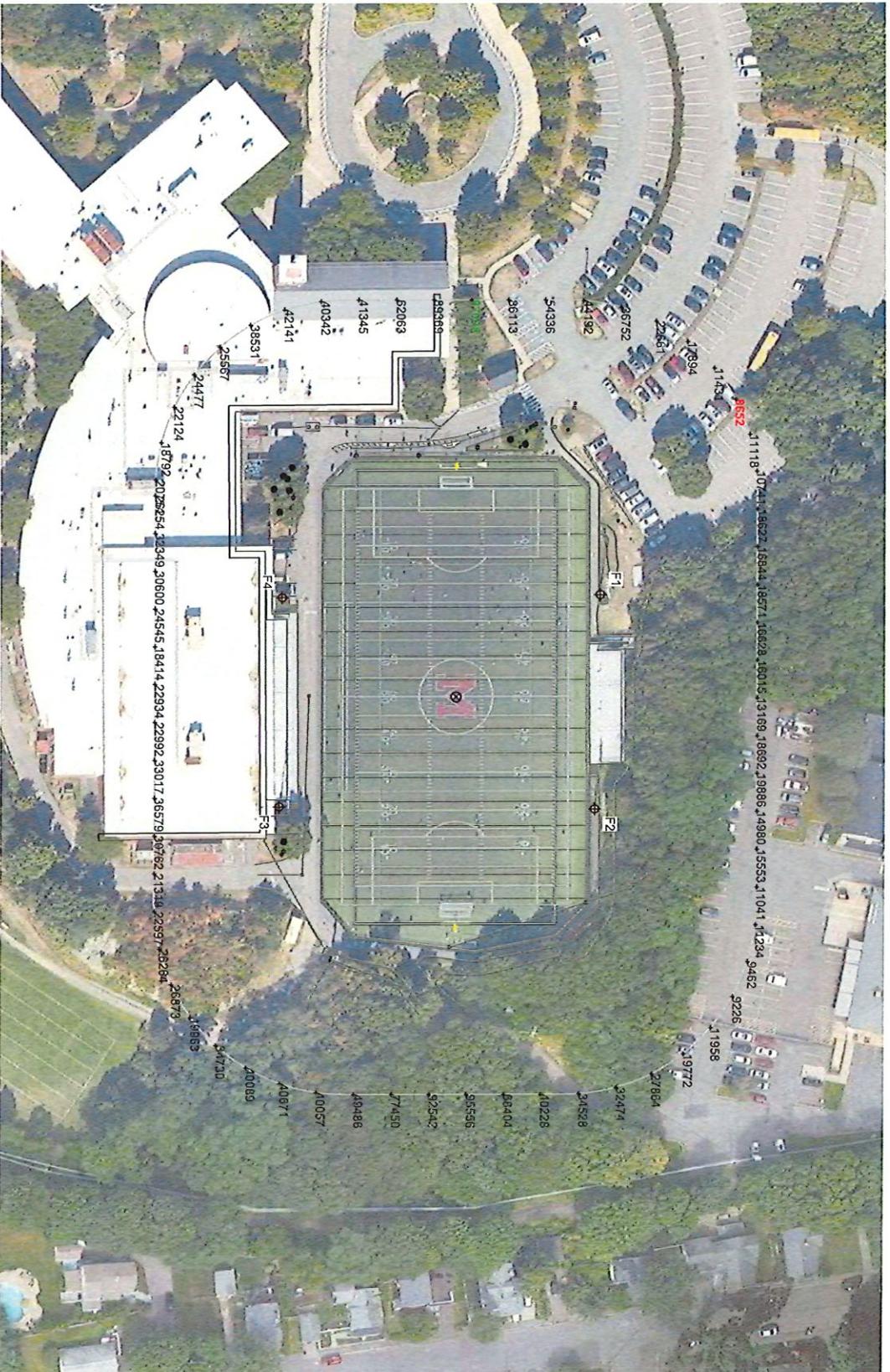
Name Split at 150' (cd)
Spacing 30.0' x 30.0'
Height 5.0' above grade

Illumination Summary

Entire Grid	Maintaining Overall (Per Illuminance)
Scan Average 33605.9551	
Minimum 8651.72	
CU 0.00	
No. of Points 66	
Applied Circuits A	
No. of Luminaires 22	
Total Load 32.08 kW	

Guaranteed Performance: The ILLUMINATION described above includes a 0.05-cir depreciation factor. The ILLUMINATION summary document and Field Measurements - Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage for electrical sizing. The "Musco Control System Summary" Installation Requirements: Field assume ± 3% nominal voltage at the site of the driver and structures located within 3 feet (1m) of design location.



SCALE IN FEET 1:80



ENGINEERED DESIGN By: Tlanphier • File #233465A-Prod • 03-Jul-24

Pole location(s) ⊕ dimensions are relative to 0.0 reference point(s) ⊗

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ILLUMINATION SUMMARY