

Dodworth Miners Welfare FC PLSF

Dodworth,Yorkshire and Humberside

NOTES: Field dimensions, position, and orientation to be confirmed.
Roof height also to be confirmed

Lighting System

Pole / Fixture Summary						
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
S1-S4	18.0	18.0	3	TLC-LED-1500	4.23 kW	A
4			12		16.92 kW	

Circuit Summary			
Circuit	Description	Load	Fixture Qty
A	Football Pitch	16.92 kW	12

Fixture Type Summary							
Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-LED-1500	LED 5700K - 75 CRI	1410W	181,000	>120,000	>120,000	>120,000	12

Single Luminaire Amperage Draw Chart						
Driver (.90 min power factor)		Line Amperage Per Luminaire				
Single Phase Voltage	220 (50)	230 (50)	240 (50)	380 (50)	400 (50)	415 (50)
TLC-LED-1500	7.9	7.6	7.3	4.6	4.4	4.2

Light Level Summary

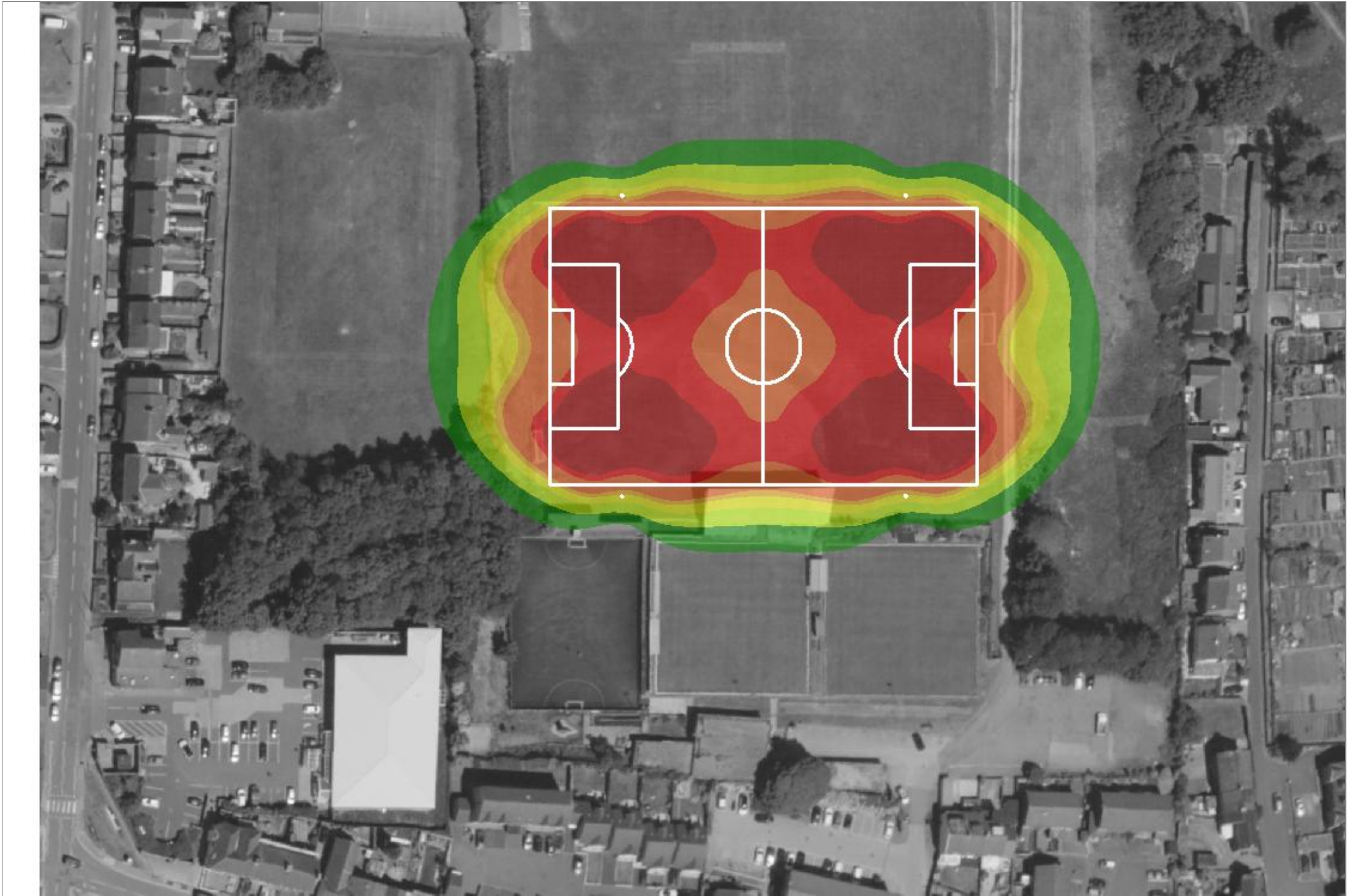
Calculation Grid Summary								
Grid Name	Calculation Metric	Illumination					Circuits	Fixture Qty
		Ave	Min	Max	Min/Max	Min/Ave		
50m Spill	Horizontal Illuminance	11.1	0	143	0.00	0.00	A	12
50m Spill	Max Vert Illuminance (by Light Bank)	21	0	282	0.00	0.00	A	12
Football Pitch	Glare Rating	37.8	26	43	0.62	0.69	A	12
Football Pitch	Horizontal Illuminance	251	154	445	0.35	0.61	A	12
Home LTW 1	Horizontal	0	0	0	0.00		A	12
Home LTW 1	Max Vertical Illuminance Metric	0	0	0	0.00	0.00	A	12
Home LTW 2	Horizontal	0	0	0	0.00		A	12
Home LTW 2	Max Vertical Illuminance Metric	0	0	0	0.00		A	12
Home LTW 3	Horizontal	0	0	0	0.00		A	12
Home LTW 3	Max Vertical Illuminance Metric	0	0	0	0.00	0.00	A	12
Home LTW 4	Horizontal	0	0	0	0.00		A	12
Home LTW 4	Max Vertical Illuminance Metric	0	0	0	0.00	0.00	A	12
Home LTW 5	Horizontal	0.04	0	0.07	0.00	0.00	A	12
Home LTW 5	Max Vertical Illuminance Metric	0.22	0	0.42	0.00	0.00	A	12

From Hometown to Professional





We Make It Happen®

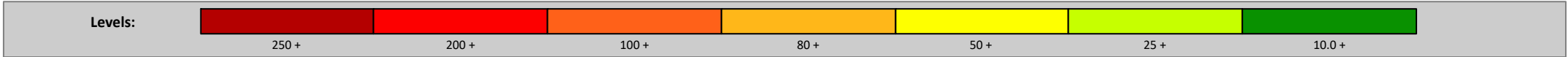


Shaded Plots

Plots are provided to demonstrate the lighting coverage of a particular layout or system.

This may be provided to illustrate the control of light and how effective a system is at minimizing spill-related issues while maintaining quality of light.

This is only an illustration and should be used with complete point-by-point calculation results.



Plot based on maintained horizontal lux at the ground level.



EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0

Dodworth Miners Welfare FC PLSF
Dodworth, Yorkshire and Humberside

GRID SUMMARY	
Name:	Football Pitch
Size:	105.0m x 68.0m
Spacing:	10.0m x 9.0m
Height:	1.0m above grade

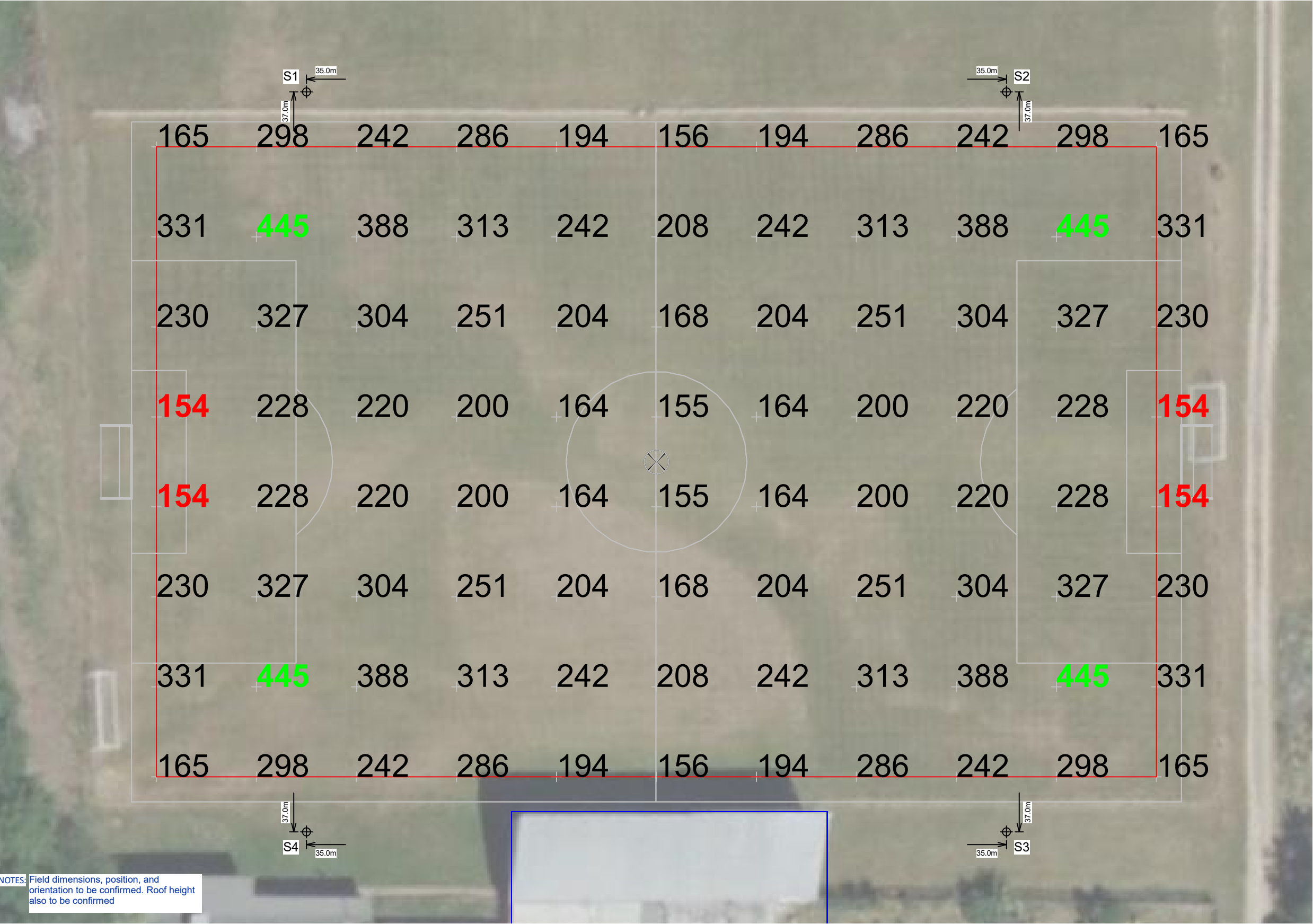
ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL LUX	
	Entire Grid
Guaranteed Average:	250
Scan Average:	251.31
Maximum:	445
Minimum:	154
Guaranteed Min / Avg:	0.6
Min / Avg:	0.61
Min / Max:	0.35
UG (adjacent pts):	2.01
CU:	0.88
No. of Points:	88
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

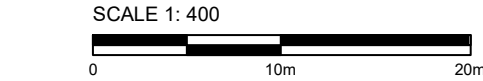
Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed



Pole location(s) ⚓ dimensions are relative to 0,0 reference point(s) ⊗



EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0

Dodworth Miners Welfare FC PLSF
Dodworth,Yorkshire and Humberside

GRID SUMMARY	
Name:	Football Pitch
Size:	105.0m x 68.0m
Spacing:	10.0m x 9.0m
Height:	1.0m above grade

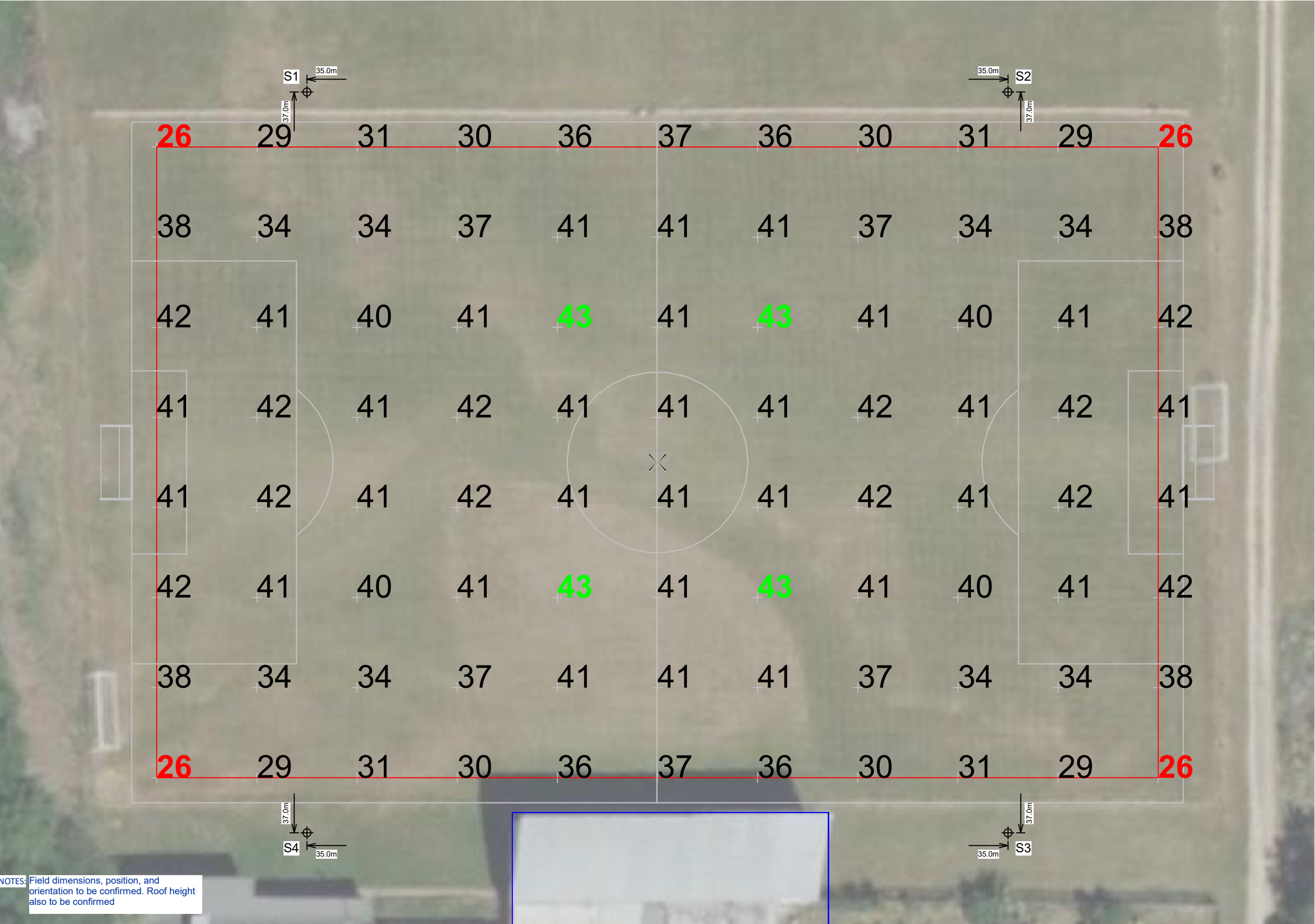
ILLUMINATION SUMMARY	
MAINTAINED GLARE RATING: Max Reading	
	Entire Grid
Scan Average:	37.75
Maximum:	43
Minimum:	26
No. of Points:	88
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

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 Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

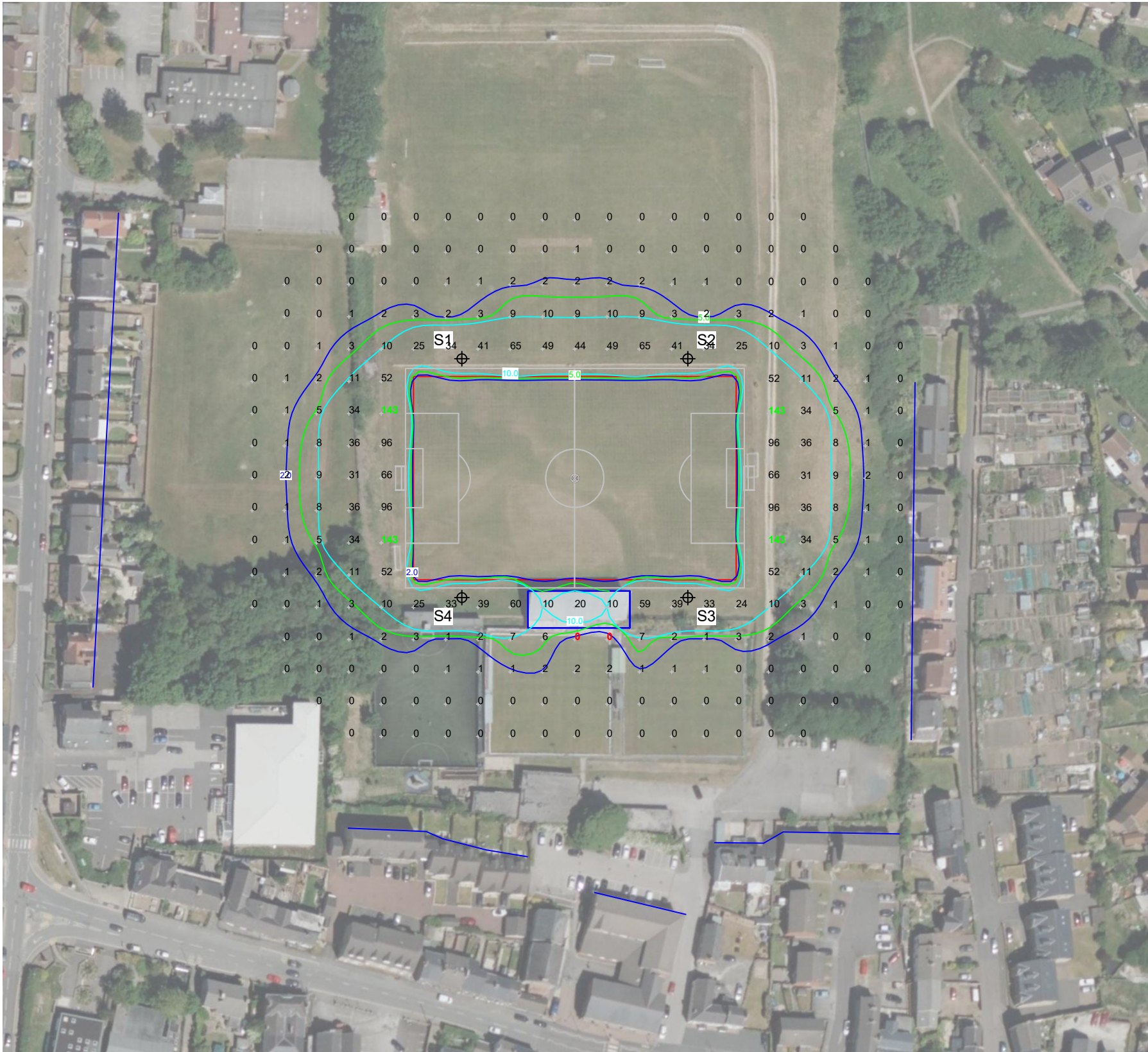
Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



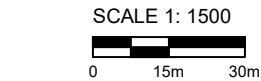
Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0



NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed



ENGINEERED DESIGN By: Sebastian Silva Zuniga · File #234148C · 07-Mar-24

Dodworth Miners Welfare FC PLSF
Dodworth,Yorkshire and Humberside

GRID SUMMARY	
Name:	50m Spill
Size:	105.0m x 68.0m
Spacing:	10.0m x 10.0m
Height:	1.0m above grade

ILLUMINATION SUMMARY	
HORIZONTAL LUX	
Scan Average:	11.1217
Maximum:	142.80
Minimum:	0.00
CU:	0.12
No. of Points:	252
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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 Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0



NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed

Dodworth Miners Welfare FC PLSF

Dodworth,Yorkshire and Humberside

GRID SUMMARY	
Name:	50m Spill
Size:	105.0m x 68.0m
Spacing:	10.0m x 10.0m
Height:	1.0m above grade

ILLUMINATION SUMMARY	
MAX VERTICAL LUX	
Scan Average:	Entire Grid 21.0416
Maximum:	281.75
Minimum:	0.00
CU:	0.12
No. of Points:	252
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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 Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



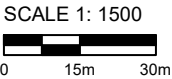
Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0



NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed



ENGINEERED DESIGN By: Sebastian Silva Zuniga · File #234148C · 07-Mar-24

Dodworth Miners Welfare FC PLSF

Dodworth,Yorkshire and Humberside

GRID SUMMARY	
Name:	Home LTW 1
Spacing:	10.0m
Height:	1.5m above grade

ILLUMINATION SUMMARY	
HORIZONTAL LUX	
Scan Average:	Entire Grid 0.0000
Maximum:	0.00
Minimum:	0.00
No. of Points:	15
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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 Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0



NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed

SCALE 1: 1500
0 15m 30m

Dodworth Miners Welfare FC PLSF

Dodworth,Yorkshire and Humberside

GRID SUMMARY	
Name:	Home LTW 1
Spacing:	10.0m
Height:	1.5m above grade

ILLUMINATION SUMMARY	
MAX VERTICAL LUX	
Scan Average:	Entire Grid 0.0006
Maximum:	0.00
Minimum:	0.00
No. of Points:	15
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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 Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0



NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed

SCALE 1: 1500
0 15m 30m

Dodworth Miners Welfare FC PLSF

Dodworth,Yorkshire and Humberside

GRID SUMMARY	
Name:	Home LTW 2
Spacing:	10.0m
Height:	3.0m above grade

ILLUMINATION SUMMARY	
HORIZONTAL LUX	
Scan Average:	Entire Grid 0.0000
Maximum:	0.00
Minimum:	0.00
No. of Points:	6
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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 Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

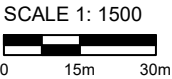


Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0



NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed



Dodworth Miners Welfare FC PLSF

Dodworth,Yorkshire and Humberside

GRID SUMMARY	
Name:	Home LTW 2
Spacing:	10.0m
Height:	3.0m above grade

ILLUMINATION SUMMARY	
MAX VERTICAL LUX	
Scan Average:	Entire Grid 0.0000
Maximum:	0.00
Minimum:	0.00
No. of Points:	6
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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 Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

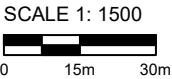


Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0



NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed



Dodworth Miners Welfare FC PLSF

Dodworth,Yorkshire and Humberside

GRID SUMMARY	
Name:	Home LTW 3
Spacing:	10.0m
Height:	1.0m above grade

ILLUMINATION SUMMARY	
HORIZONTAL LUX	
Scan Average:	Entire Grid 0.0000
Maximum:	0.00
Minimum:	0.00
No. of Points:	3
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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 Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0



Dodworth Miners Welfare FC PLSF

Dodworth,Yorkshire and Humberside

GRID SUMMARY	
Name:	Home LTW 3
Spacing:	10.0m
Height:	1.0m above grade

ILLUMINATION SUMMARY	
MAX VERTICAL LUX	
Scan Average:	Entire Grid 0.0012
Maximum:	0.00
Minimum:	0.00
No. of Points:	3
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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 Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



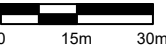
We Make It Happen®

Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed

SCALE 1: 1500



ENGINEERED DESIGN By: Sebastian Silva Zuniga · File #234148C · 07-Mar-24

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0



NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed

Dodworth Miners Welfare FC PLSF

Dodworth,Yorkshire and Humberside

GRID SUMMARY	
Name:	Home LTW 4
Spacing:	10.0m
Height:	1.0m above grade

ILLUMINATION SUMMARY	
HORIZONTAL LUX	
Scan Average:	Entire Grid 0.0000
Maximum:	0.00
Minimum:	0.00
No. of Points:	6
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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 Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



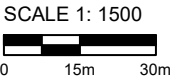
Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0



NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed



ENGINEERED DESIGN By: Sebastian Silva Zuniga · File #234148C · 07-Mar-24

Dodworth Miners Welfare FC PLSF

Dodworth,Yorkshire and Humberside

GRID SUMMARY	
Name:	Home LTW 4
Spacing:	10.0m
Height:	1.0m above grade

ILLUMINATION SUMMARY	
MAX VERTICAL LUX	
Scan Average:	Entire Grid 0.0004
Maximum:	0.00
Minimum:	0.00
No. of Points:	6
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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 Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0



NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed



ENGINEERED DESIGN By: Sebastian Silva Zuniga · File #234148C · 07-Mar-24

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

Dodworth Miners Welfare FC PLSF

Dodworth,Yorkshire and Humberside

GRID SUMMARY	
Name:	Home LTW 5
Spacing:	10.0m
Height:	1.0m above grade

ILLUMINATION SUMMARY	
HORIZONTAL LUX	
Scan Average:	Entire Grid 0.0368
Maximum:	0.07
Minimum:	0.00
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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 Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



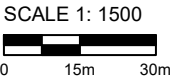
Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	18m	-	18m	TLC-LED-1500	3	3	0
4	TOTALS					12	12	0



NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed



ENGINEERED DESIGN By: Sebastian Silva Zuniga · File #234148C · 07-Mar-24

Dodworth Miners Welfare FC PLSF

Dodworth,Yorkshire and Humberside

GRID SUMMARY	
Name:	Home LTW 5
Spacing:	10.0m
Height:	1.0m above grade

ILLUMINATION SUMMARY	
MAX VERTICAL LUX	
Scan Average:	Entire Grid 0.2242
Maximum:	0.42
Minimum:	0.00
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	12
Total Load:	16.92 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

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 Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

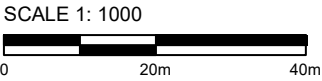
Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.

ILLUMINATION SUMMARY

NOTES: Field dimensions, position, and orientation to be confirmed. Roof height also to be confirmed



Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

Dodworth Miners Welfare FC PLSF
Dodworth, Yorkshire and Humberside

EQUIPMENT LAYOUT

INCLUDES:

- Football Pitch

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

EQUIPMENT LIST FOR AREAS SHOWN						
Pole				Luminaires		
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE
4	S1-S4	18m	-	18m	TLC-LED-1500	3
4	TOTALS					12

SINGLE LUMINAIRE AMPERAGE DRAW CHART						
Driver (.90 min power factor)		Line Amperage Per Luminaire (max draw)				
Single Phase Voltage		220 (50)	230 (50)	240 (50)	380 (50)	400 (50)
TLC-LED-1500		7.9	7.6	7.3	4.6	4.4



Not to be reproduced in whole or part without the written consent of Musco Sports Lighting, LLC. ©1981, 2024 Musco Sports Lighting, LLC.