

APPLICATION / AGREEMENT  
For TRENCH PERMIT within the City of New Bedford

Permit # 92-2022  
Dig Safe # \_\_\_\_\_  
Date Issued: \_\_\_\_\_

This permit shall be posted at the work site and shall remain until the work is completed. It is subject to inspection at all times.

TO THE MAYOR AND CITY COUNCIL: ☒ TRENCH PERMIT

Permission is hereby requested to excavate the surface of: ☒ Private Property ☐ Unaccepted or private street

Location of work: Brooklawn Park 1997 Acushnet Ave., New Bedford, MA

Substantially as per plan annexed, for the purpose of: Drill and sample up to 6 test borings to 40' below ground surface.

Dig Safe No. 2022-461-1364, clear date: 11/23/2022.

Work will begin (weather permitting) on: 11/28/2022

Work will end (weather permitting) on: 11/30/2022

Applicant Name: Gary Twombly

Excavator(s) Name: Gary A Twombly

Company Name: New England Boring Contractors

Hoisting Equipment License Number: HE-206856

Grade: 4B Expiration Date: 07/21/2024

Contact Name: Gary Twombly

Name & Contact Number of Insurer: The Rowley Agency

603-224-2562

Approved By: [Signature]

Date: 11/22/2022

Title: Admin Manager

Roadway closures will require authorization from the Commissioner of Public Infrastructure.  
Traffic management plans may be required. For inspection, 24-hour notice is required and the Contractor / Applicant is required to notify the D.P.I. @ 508-979-1550 Press 4 Repair. Permit Expires in 3 Months from work start date.

Provide Sketch

See attached site plan.





| QTY | LOCATION | SQM | MATERIAL | SCHED. DATES |      | LATEST DATES |     | QTY | MATERIAL | SQM | MATERIAL | QTY | MATERIAL | SQM | MATERIAL |
|-----|----------|-----|----------|--------------|------|--------------|-----|-----|----------|-----|----------|-----|----------|-----|----------|
|     |          |     |          | START        | END  | START        | END |     |          |     |          |     |          |     |          |
| 4   | A1-A2    | 70  | 13.5     | 12.2         | 5.62 | 1            | 0   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   | B1-B2    | 70  | 13.5     | 12.2         | 5.75 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   | C1-C2    | 70  | 13.5     | 12.2         | 5.75 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 5.89 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 5.95 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.00 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.05 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.10 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.15 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.20 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.25 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.30 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.35 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.40 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.45 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.50 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.55 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.60 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.65 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.70 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.75 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.80 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.85 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.90 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 6.95 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 7.00 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 7.05 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 7.10 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 7.15 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 7.20 | 1            | 1   | 0   | 0        | 0   | 0        | 0   | 0        | 0   | 0        |
| 2   |          | 70  | 13.5     | 12.2         | 7.25 | 1            |     |     |          |     |          |     |          |     |          |



ILLUMINATION SUMMARY

## New Bedford, MA

|   |
|---|
| <p><b>Name:</b> Zero Grid</p> <p><b>Site:</b> 600' x 600'</p> <p><b>Spacing:</b> 10.0' x 10.0'</p> <p><b>Height:</b> 3.0' above grade</p> |
|---|

## MAINTAINED HORIZONTAL FOOTCANDLES

|                       |          |
|-----------------------|----------|
| Scan Average:         | 1.73     |
| Maximum:              | 36       |
| Minimum:              | 0        |
| Avg / Min:            | -        |
| Mean / Min:           | -        |
| UC (edgcent pos):     | 4.02     |
| CL:                   | 0.92     |
| No. of Poles:         | 2773     |
| LUMINANCE INFORMATION |          |
| Applied Circuits:     | A        |
| No. of Luminaires:    | 33       |
| Total Load:           | 33.31 kW |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your *Mitsubishi Warranty* document and includes a 0.5% dirt deposition factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with *IESNA M-1-11*.

**Electrical System Requirements:** Refer to *Autodesk® Draw Chart* and/or the *Mitsubishi Control System Summary* for electrical loading.

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



**We Make it Happen**

## ILLUMINATION SUMMARY



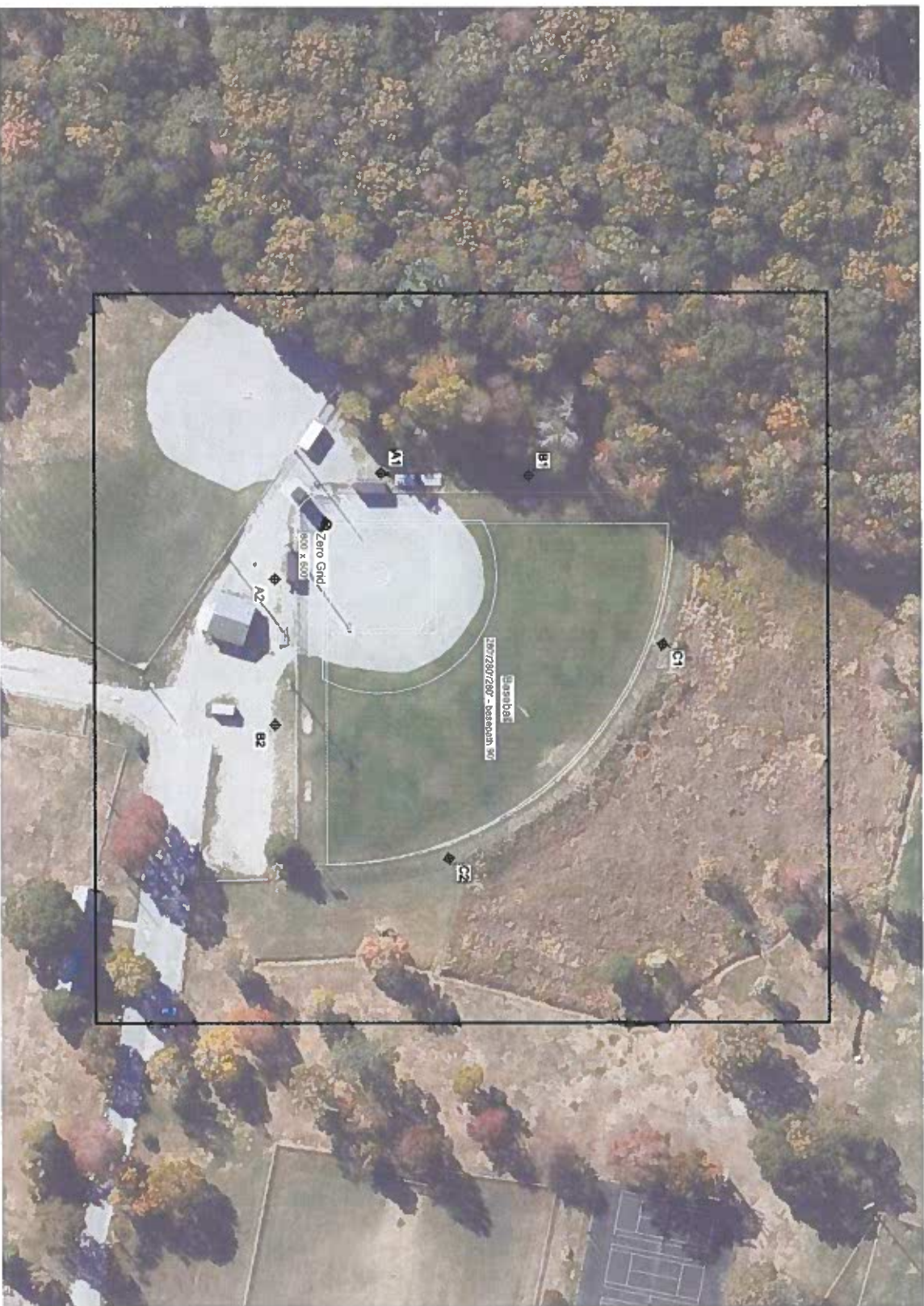
**New Bedford, MA**

## EQUIPMENT LAYOUT

**INCLUDES:**  
 Insulated  
 Zero Grid  
 Electrical System Requirements. Refer to Amperage Draw Chart and/or the "Whisper Central System Summary" for electrical rating.  
 Installation Requirements: Results assume a 3% nominal voltage at line side of the driver and structures located within a 3 feet limit of design locations.

| QTY | LOCATION | AGE | INSTRUMENT | SERIAL     |             | DATE |
|-----|----------|-----|------------|------------|-------------|------|
|     |          |     |            | ORIGINAL   | REPLACEMENT |      |
| 2   | A1-A2    | 70  |            | 70         | 70          | 1    |
|     |          |     |            | TLC-1D-200 | TLC-1D-200  | 1    |
|     |          |     |            | TLC-1D-150 | TLC-1D-150  | 1    |
| 2   | B1-B2    | 70  |            | 70         | 70          | 9    |
|     |          |     |            | TLC-1D-200 | TLC-1D-200  | 1    |
|     |          |     |            | TLC-1D-150 | TLC-1D-150  | 1    |
| 2   | C1-C2    | 70  |            | 70         | 70          | 1    |
|     |          |     |            | TLC-1D-200 | TLC-1D-200  | 1    |
|     |          |     |            | TLC-1D-150 | TLC-1D-150  | 1    |

| SINGLE MINERAL AMPHIGLE OLIV-GRAV |     |                              |     |     |     |     |     |     |     |
|-----------------------------------|-----|------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Ballast Specifications            |     | Line Ampacity, Per Conductor |     |     |     |     |     |     |     |
| In sq. mm (inches)                |     |                              |     |     |     |     |     |     |     |
| Single Phase Voltage              |     | 208                          | 220 | 240 | 277 | 347 | 380 | 480 |     |
| UL-CD-1200                        | 150 | 7.9                          | 6.6 | 4.1 | 3.2 | 4.2 | 4.0 | 2.9 | 2.1 |
| UL-CD-900                         | 120 | 5.4                          | 5.0 | 4.6 | 4.0 | 3.2 | 2.8 | 2.3 |     |
| UL-61575                          | 100 | 3.4                          | 3.2 | 2.9 | 2.5 | 2.0 | 1.8 | 1.5 |     |



Pole location(s) ♦ derivations are referred to 0,0 reference point(s) Ⓢ

ENGINEERED DESIGN By: File #218543A - 28-Oct-22

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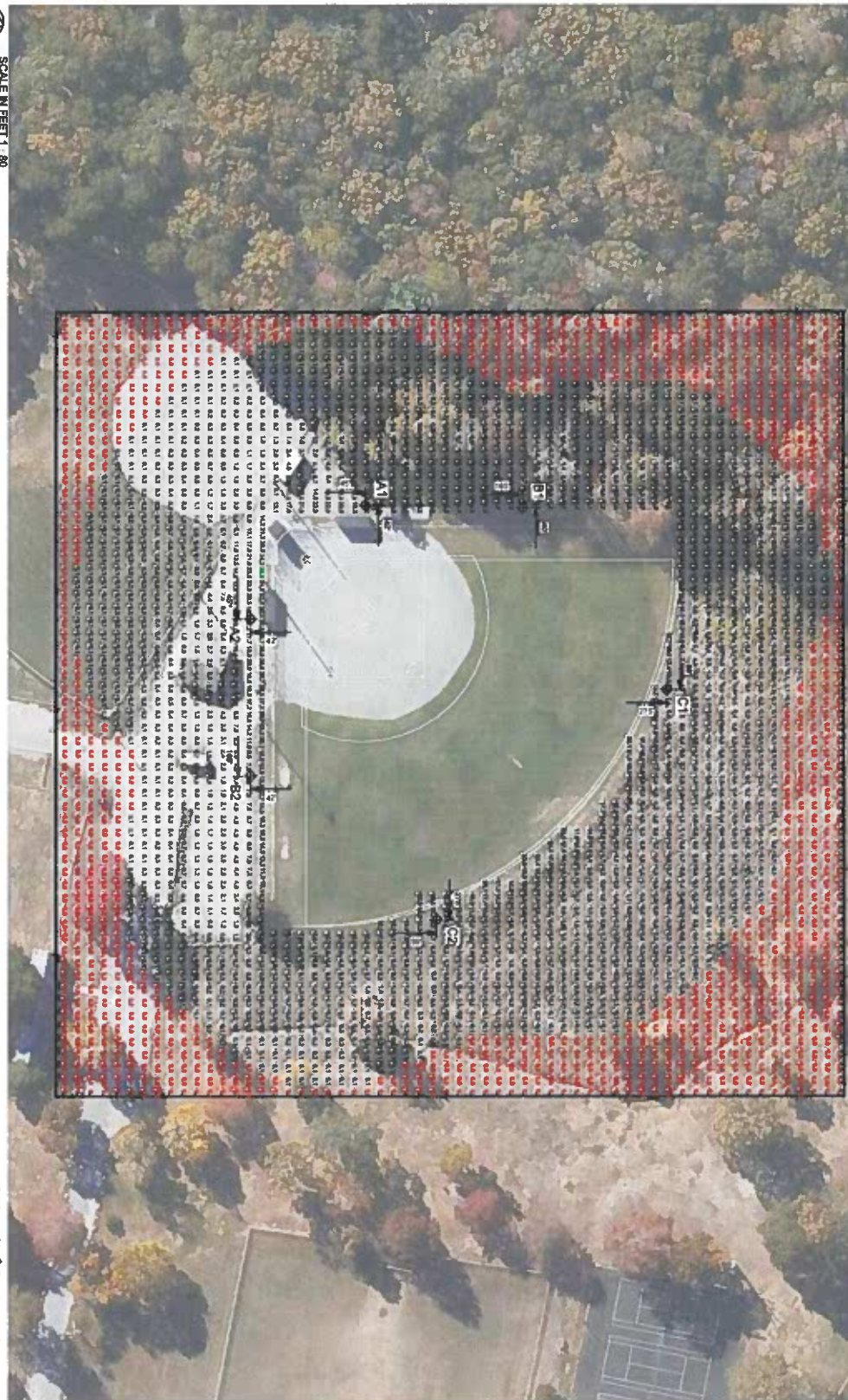
**We Make it Happen.**

## EQUIPMENT LAYOUT



# EQUIPMENT LIST FOR AREAS SHOWN

| ITEM | QTY | DESCRIPTION        | UNIT | PRICE | TOTAL |
|------|-----|--------------------|------|-------|-------|
| 1    | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 2    | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 3    | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 4    | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 5    | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 6    | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 7    | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 8    | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 9    | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 10   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 11   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 12   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 13   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 14   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 15   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 16   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 17   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 18   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 19   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 20   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 21   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 22   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 23   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 24   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 25   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 26   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 27   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 28   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 29   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 30   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 31   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 32   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 33   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 34   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 35   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 36   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 37   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 38   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 39   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 40   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 41   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 42   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 43   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 44   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 45   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 46   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 47   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 48   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 49   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 50   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 51   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 52   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 53   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 54   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 55   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 56   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 57   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 58   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 59   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 60   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 61   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 62   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 63   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 64   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 65   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 66   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 67   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 68   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 69   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 70   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 71   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 72   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 73   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 74   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 75   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 76   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 77   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 78   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 79   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 80   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 81   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 82   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 83   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 84   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 85   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 86   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 87   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 88   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 89   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 90   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 91   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 92   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 93   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 94   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 95   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 96   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 97   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 98   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 99   | 1   | 100' x 100' x 100' | 1    | 1     | 1     |
| 100  | 1   | 100' x 100' x 100' | 1    | 1     | 1     |



SCALE IN FEET 1" = 50'

ENGINEERED DESIGN BY: FIE #2185434 - 28-OCT-22

## Brooklawn Park Baseball Field

Name: Zero Grid  
Size: 600' x 600'  
Spacing: 10.0' x 10.0'  
Height: 3.0' above grade

| GRID SUMMARY          |                  |
|-----------------------|------------------|
| Name:                 | Zero Grid        |
| Size:                 | 600' x 600'      |
| Spacing:              | 10.0' x 10.0'    |
| Height:               | 3.0' above grade |
| ILLUMINATION SUMMARY  |                  |
| Scale:                | 1:75             |
| Maximum:              | 36               |
| Minimum:              | 0                |
| Avg / Min:            | -                |
| Max / Min:            | -                |
| UG (adjacent pole):   | 4.02             |
| CU:                   | 0.92             |
| No. of Poles:         | 2773             |
| LUMINAIRE INFORMATION |                  |
| Applied Circuits:     | A                |
| No. of Luminaires:    | 52               |
| Total Load:           | 33.31 kW         |

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.55 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 a 3% nominal voltage at the side of the driver and structures located within 3 feet (1m) of design locations.



ILLUMINATION SUMMARY

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# Brooklawn Park Baseball Field New Bedford, MA

## EQUIPMENT LAYOUT

### INCLUDES:

Baseball  
Zero Grid  
Electrical System Requirements: Refer to Ampereage Draw Chart and/or the "Musco General System Summary" for electrical siting.

Installation Requirements: Results assume a 3% normal voltage at the side of the drive and structures located within 3 feet (1m) of design location.

### EQUIPMENT LIST FOR AREAS SHOWN

| QTY | LOCATION | WATTAGE | WATTAGE | WATTAGE     | WATTAGE |
|-----|----------|---------|---------|-------------|---------|
| 2   | A1-A2    | 70'     | 13.5'   | TLC-LD-900  | 1       |
| 2   | B1-B2    | 70'     | 13.5'   | TLC-LD-900  | 1       |
| 2   | C1-C2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | D1-D2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | E1-E2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | F1-F2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | G1-G2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | H1-H2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | I1-I2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | J1-J2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | K1-K2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | L1-L2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | M1-M2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | N1-N2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | O1-O2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | P1-P2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | Q1-Q2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | R1-R2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | S1-S2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | T1-T2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | U1-U2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | V1-V2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | W1-W2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | X1-X2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | Y1-Y2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |
| 2   | Z1-Z2    | 70'     | 13.5'   | TLC-LD-1200 | 1       |

### SINGLE LUMINAIRE AVERAGE DRAW CHART

| Ballast Specifications | 100' Average Height | 150' Average Height | 200' Average Height | 250' Average Height | 300' Average Height | 350' Average Height | 400' Average Height |
|------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Single Phase Vehicle   | 208                 | 220                 | 240                 | 277                 | 347                 | 380                 | 440                 |
| TLC-LD-1200            | 7.0                 | 6.6                 | 6.1                 | 5.2                 | 4.3                 | 4.0                 | 3.5                 |
| TLC-LD-900             | 5.3                 | 5.0                 | 4.6                 | 4.0                 | 3.2                 | 2.9                 | 2.5                 |
| TLC-RT-575             | 3.4                 | 3.2                 | 2.9                 | 2.5                 | 2.0                 | 1.8                 | 1.5                 |



SCALE IN FEET 1:80  
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Pin locations: ◆ Dimensions are relative to 0.0 reference point(s) ⑤



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EQUIPMENT LAYOUT

## New Bedford, MA

## Lighting System

[illegible]

| Circuit Summary |             |          |          |
|-----------------|-------------|----------|----------|
| Circuit         | Description | Load     | Priority |
| A               | Receiv      | 33.51 MW | 32       |

| Fixture Type/Quantity | Wattage            | Volts    | LB       | LB       | LB       | Quantity |
|-----------------------|--------------------|----------|----------|----------|----------|----------|
| TLC-LED-1200          | 1170W              | 120,000  | >120,000 | >120,000 | >120,000 | 24       |
| TLC-LED-400           | 800W               | >120,000 | >120,000 | >120,000 | >120,000 | 2        |
| TLC-BI-175            | LED STROK - 75 CRI | 52,000   | >120,000 | >120,000 | >120,000 | 8        |

## Light Level Summary

| Calculation Grid Summary |                    |             |     |         |          |           |         |           |  |
|--------------------------|--------------------|-------------|-----|---------|----------|-----------|---------|-----------|--|
| Grid Name                | Calculation Levels | Percentages |     |         |          |           | Credits | Prize Qty |  |
|                          |                    | 1st         | 2nd | 3rd-5th | 6th-10th | 11th-15th |         |           |  |
| Baseball (Field)         | Horizontal Run/Win | 50.7        | 39  | 63      | 1.60     | 1.34      | A       | 32        |  |
| Baseball (Outfield)      | Horizontal Run/Win | 32.3        | 23  | 41      | 1.78     | 1.40      | A       | 32        |  |
| Zero Grid                | Horizontal Run/Win | 1.73        | 0   | 36      | 0.00     |           | A       | 32        |  |

## From Hometown to Professional



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**We Make It Happen**



## PROJECT SUMMARY



# EQUIPMENT LIST FOR AREAS SHOWN

| QTY | LOCATION | REQ. AMOUNT | REQ. TYPE | REQ. DATE  | REQ. BY | REQ. FOR | REQ. NO. |
|-----|----------|-------------|-----------|------------|---------|----------|----------|
| 1   | A1-A3    | 70'         | 15.5'     | TLC-RT-500 | 1       | 1        | 1        |
| 2   | B1-B2    | 70'         | 15.5'     | TLC-RT-500 | 1       | 1        | 1        |
| 2   | C1-C2    | 70'         | 15.5'     | TLC-RT-500 | 1       | 1        | 1        |
| 2   | C1-C2    | 70'         | 15.5'     | TLC-RT-500 | 1       | 1        | 1        |
| 2   | C1-C2    | 70'         | 15.5'     | TLC-RT-500 | 1       | 1        | 1        |



SCALE IN FEET 1 : 50  
 0' 50' 100'

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## Brooklawn Park Baseball Field

New Bedford, MA

### GRID SUMMARY

|          |                                   |
|----------|-----------------------------------|
| Name:    | Brooklawn                         |
| Size:    | 280' x 280' x 280' (basepath 90') |
| Spacing: | 30' x 30'                         |
| Height:  | 3.0' above grade                  |

### ILLUMINATION SUMMARY

| MANITOWOC HORIZONTAL FOOTCANDLES | Midfield | Outfield |
|----------------------------------|----------|----------|
| Guaranteed Average:              | 50       | 30       |
| Scan Average:                    | 50.73    | 32.28    |
| Maximum:                         | 63       | 41       |
| Minimum:                         | 38       | 23       |
| Avg / Min:                       | 1.34     | 1.39     |
| Overhead Min / Max:              | 1        | 3.5      |
| Min / Max:                       | 1.68     | 1.78     |
| UG (adjacent pad):               | 1.24     | 1.43     |
| CL:                              | 0.76     | 0.76     |
| No. of Poles:                    | 25       | 59       |
| ILLUMINANCE: IRECAPULATION       |          |          |
| Applied Circles:                 | A        |          |
| No. of Luminaires:               | 25       |          |
| Total Load:                      | 33.31 kW |          |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed to meet the minimum luminance document and includes a D-55 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA (9-6-15).

**Electrical System Requirements:** Refer to Appendix Draw Sheet and/or the "Misco Control System Summary" for electrical listing.

**Installation Requirements:** Assume 1.3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



ILLUMINATION SUMMARY

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An aerial photograph of a golf course with a green grid overlay. The grid contains numerical data points. A dashed green line outlines a specific area, and a dashed blue line outlines another. Various markers and labels are present on the map.

| Row | Col 1 | Col 2 | Col 3 | Col 4 | Col 5 | Col 6 | Col 7 | Col 8 | Col 9 | Col 10 | Col 11 | Col 12 | Col 13 | Col 14 | Col 15 | Col 16 | Col 17 | Col 18 | Col 19 | Col 20 | Col 21 | Col 22 | Col 23 | Col 24 | Col 25 | Col 26 | Col 27 | Col 28 | Col 29 | Col 30 | Col 31 | Col 32 | Col 33 | Col 34 | Col 35 | Col 36 | Col 37 | Col 38 | Col 39 | Col 40 | Col 41 | Col 42 | Col 43 | Col 44 | Col 45 | Col 46 | Col 47 | Col 48 | Col 49 | Col 50 | Col 51 | Col 52 | Col 53 | Col 54 | Col 55 | Col 56 | Col 57 | Col 58 | Col 59 | Col 60 | Col 61 | Col 62 | Col 63 | Col 64 | Col 65 | Col 66 | Col 67 | Col 68 | Col 69 | Col 70 | Col 71 | Col 72 | Col 73 | Col 74 | Col 75 | Col 76 | Col 77 | Col 78 | Col 79 | Col 80 | Col 81 | Col 82 | Col 83 | Col 84 | Col 85 | Col 86 | Col 87 | Col 88 | Col 89 | Col 90 | Col 91 | Col 92 | Col 93 | Col 94 | Col 95 | Col 96 | Col 97 | Col 98 | Col 99 | Col 100 | Col 101 | Col 102 | Col 103 | Col 104 | Col 105 | Col 106 | Col 107 | Col 108 | Col 109 | Col 110 | Col 111 | Col 112 | Col 113 | Col 114 | Col 115 | Col 116 | Col 117 | Col 118 | Col 119 | Col 120 | Col 121 | Col 122 | Col 123 | Col 124 | Col 125 | Col 126 | Col 127 | Col 128 | Col 129 | Col 130 | Col 131 | Col 132 | Col 133 | Col 134 | Col 135 | Col 136 | Col 137 | Col 138 | Col 139 | Col 140 | Col 141 | Col 142 | Col 143 | Col 144 | Col 145 | Col 146 | Col 147 | Col 148 | Col 149 | Col 150 | Col 151 | Col 152 | Col 153 | Col 154 | Col 155 | Col 156 | Col 157 | Col 158 | Col 159 | Col 160 | Col 161 | Col 162 | Col 163 | Col 164 | Col 165 | Col 166 | Col 167 | Col 168 | Col 169 | Col 170 | Col 171 | Col 172 | Col 173 | Col 174 | Col 175 | Col 176 | Col 177 | Col 178 | Col 179 | Col 180 | Col 181 | Col 182 | Col 183 | Col 184 | Col 185 | Col 186 | Col 187 | Col 188 | Col 189 | Col 190 | Col 191 | Col 192 | Col 193 | Col 194 | Col 195 | Col 196 | Col 197 | Col 198 | Col 199 | Col 200 | Col 201 | Col 202 | Col 203 | Col 204 | Col 205 | Col 206 | Col 207 | Col 208 | Col 209 | Col 210 | Col 211 | Col 212 | Col 213 | Col 214 | Col 215 | Col 216 | Col 217 | Col 218 | Col 219 | Col 220 | Col 221 | Col 222 | Col 223 | Col 224 | Col 225 | Col 226 | Col 227 | Col 228 | Col 229 | Col 230 | Col 231 | Col 232 | Col 233 | Col 234 | Col 235 | Col 236 | Col 237 | Col 238 | Col 239 | Col 240 | Col 241 | Col 242 | Col 243 | Col 244 | Col 245 | Col 246 | Col 247 | Col 248 | Col 249 | Col 250 | Col 251 | Col 252 | Col 253 | Col 254 | Col 255 | Col 256 | Col 257 | Col 258 | Col 259 | Col 260 | Col 261 | Col 262 | Col 263 | Col 264 | Col 265 | Col 266 | Col 267 | Col 268 | Col 269 | Col 270 | Col 271 | Col 272 | Col 273 | Col 274 | Col 275 | Col 276 | Col 277 | Col 278 | Col 279 | Col 280 | Col 281 | Col 282 | Col 283 | Col 284 | Col 285 | Col 286 | Col 287 | Col 288 | Col 289 | Col 290 | Col 291 | Col 292 | Col 293 | Col 294 | Col 295 | Col 296 | Col 297 | Col 298 | Col 299 | Col 300 | Col 301 | Col 302 | Col 303 | Col 304 | Col 305 | Col 306 | Col 307 | Col 308 | Col 309 | Col 310 | Col 311 | Col 312 | Col 313 | Col 314 | Col 315 | Col 316 | Col 317 | Col 318 | Col 319 | Col 320 | Col 321 | Col 322 | Col 323 | Col 324 | Col 325 | Col 326 | Col 327 | Col 328 | Col 329 | Col 330 | Col 331 | Col 332 | Col 333 | Col 334 | Col 335 | Col 336 | Col 337 | Col 338 | Col 339 | Col 340 | Col 341 | Col 342 | Col 343 | Col 344 | Col 345 | Col 346 | Col 347 | Col 348 | Col 349 | Col 350 | Col 351 | Col 352 | Col 353 | Col 354 | Col 355 | Col 356 | Col 357 | Col 358 | Col 359 | Col 360 | Col 361 | Col 362 | Col 363 | Col 364 | Col 365 | Col 366 | Col 367 | Col 368 | Col 369 | Col 370 | Col 371 | Col 372 | Col 373 | Col 374 | Col 375 | Col 376 | Col 377 | Col 378 | Col 379 | Col 380 | Col 381 | Col 382 | Col 383 | Col 384 | Col 385 | Col 386 | Col 387 | Col 388 | Col 389 | Col 390 | Col 391 | Col 392 | Col 393 | Col 394 | Col 395 | Col 396 | Col 397 | Col 398 | Col 399 | Col 400 | Col 401 | Col 402 | Col 403 | Col 404 | Col 405 | Col 406 | Col 407 | Col 408 | Col 409 | Col 410 | Col 411 | Col 412 | Col 413 | Col 414 | Col 415 | Col 416 | Col 417 | Col 418 | Col 419 | Col 420 | Col 421 | Col 422 | Col 423 | Col 424 | Col 425 | Col 426 | Col 427 | Col 428 | Col 429 | Col 430 | Col 431 | Col 432 | Col 433 | Col 434 | Col 435 | Col 436 | Col 437 | Col 438 | Col 439 | Col 440 | Col 441 | Col 442 | Col 443 | Col 444 | Col 445 | Col 446 | Col 447 | Col 448 | Col 449 | Col 450 | Col 451 | Col 452 | Col 453 | Col 454 | Col 455 | Col 456 | Col 457 | Col 458 | Col 459 | Col 460 | Col 461 | Col 462 | Col 463 | Col 464 | Col 465 | Col 466 | Col 467 | Col 468 | Col 469 | Col 470 | Col 471 | Col 472 | Col 473 | Col 474 | Col 475 | Col 476 | Col 477 | Col 478 | Col 479 | Col 480 | Col 481 | Col 482 | Col 483 | Col 484 | Col 485 | Col 486 | Col 487 | Col 488 | Col 489 | Col 490 | Col 491 | Col 492 | Col 493 | Col 494 | Col 495 | Col 496 | Col 497 | Col 498 | Col 499 | Col 500 | Col 501 | Col 502 | Col 503 | Col 504 | Col 505 | Col 506 | Col 507 | Col 508 | Col 509 | Col 510 | Col 511 | Col 512 | Col 513 | Col 514 | Col 515 | Col 516 | Col 517 | Col 518 | Col 519 | Col 520 | Col 521 | Col 522 | Col 523 | Col 524 | Col 525 | Col 526 | Col 527 | Col 528 | Col 529 | Col 530 | Col 531 | Col 532 | Col 533 | Col 534 | Col 535 | Col 536 | Col 537 | Col 538 | Col 539 | Col 540 | Col 541 | Col 542 | Col 543 | Col 544 | Col 545 | Col 546 | Col 547 | Col 548 | Col 549 | Col 550 | Col 551 | Col 552 | Col 553 | Col 554 | Col 555 | Col 556 | Col 557 | Col 558 | Col 559 | Col 560 | Col 561 | Col 562 | Col 563 | Col 564 | Col 565 | Col 566 | Col 567 | Col 568 | Col 569 | Col 570 | Col 571 | Col 572 | Col 573 | Col 574 | Col 575 | Col 576 | Col 577 | Col 578 | Col 579 | Col 580 | Col 581 | Col 582 | Col 583 | Col 584 | Col 585 | Col 586 | Col 587 | Col 588 | Col 589 | Col 590 | Col 591 | Col 592 | Col 593 | Col 594 | Col 595 | Col 596 | Col 597 | Col 598 | Col 599 | Col 600 | Col 601 | Col 602 | Col 603 | Col 604 | Col 605 | Col 606 | Col 607 | Col 608 | Col 609 | Col 610 | Col 611 | Col 612 | Col 613 | Col 614 | Col 615 | Col 616 | Col 617 | Col 618 | Col 619 | Col 620 | Col 621 | Col 622 | Col 623 | Col 624 | Col 625 | Col 626 | Col 627 | Col 628 | Col 629 | Col 630 | Col 631 | Col 632 | Col 633 | Col 634 | Col 635 | Col 636 | Col 637 | Col 638 | Col 639 | Col 640 | Col 641 | Col 642 | Col 643 | Col 644 | Col 645 | Col 646 | Col 647 | Col 648 | Col 649 | Col 650 | Col 651 | Col 652 | Col 653 | Col 654 | Col 655 | Col 656 | Col 657 | Col 658 | Col 659 | Col 660 | Col 661 | Col 662 | Col 663 | Col 664 | Col 665 | Col 666 | Col 667 | Col 668 | Col 669 | Col 670 | Col 671 | Col 672 | Col 673 | Col 674 | Col 675 | Col 676 | Col 677 | Col 678 | Col 679 | Col 680 | Col 681 | Col 682 | Col 683 | Col 684 | Col 685 | Col 686 | Col 687 | Col 688 | Col 689 | Col 690 | Col 691 | Col 692 | Col 693 | Col 694 | Col 695 | Col 696 | Col 697 | Col 698 | Col 699 | Col 700 | Col 701 | Col 702 | Col 703 | Col 704 | Col 705 | Col 706 | Col 707 | Col 708 | Col 709 | Col 710 | Col 711 | Col 712 | Col 713 | Col 714 | Col 715 | Col 716 | Col 717 | Col 718 | Col 719 | Col 720 | Col 721 | Col 722 | Col 723 | Col 724 | Col 725 | Col 726 | Col 727 | Col 728 | Col 729 | Col 730 | Col 731 | Col 732 | Col 733 | Col 734 | Col 735 | Col 736 | Col 737 | Col 738 | Col 739 | Col 740 | Col 741 | Col 742 | Col 743 | Col 744 | Col 745 | Col 746 | Col 747 | Col 748 | Col 749 | Col 750 | Col 751 | Col 752 | Col 753 | Col 754 | Col 755 | Col 756 | Col 757 | Col 758 | Col 759 | Col 760 | Col 761 | Col 762 | Col 763 | Col 764 | Col 765 | Col 766 | Col 767 | Col 768 | Col 769 | Col 770 | Col 771 | Col 772 | Col 773 | Col 774 | Col 775 | Col 776 | Col 777 | Col 778 | Col 779 | Col 780 | Col 781 | Col 782 | Col 783 | Col 784 | Col 785 | Col 786 | Col 787 | Col 788 | Col 789 | Col 790 | Col 791 | Col 792 | Col 793 | Col 794 | Col 795 | Col 796 | Col 797 | Col 798 | Col 799 | Col 800 | Col 801 | Col 802 | Col 803 | Col 804 | Col 805 | Col 806 | Col 807 | Col 808 | Col 809 | Col 810 | Col 811 | Col 812 | Col 813 | Col 814 | Col 815 | Col 816 | Col 817 | Col 818 | Col 819 | Col 820 | Col 821 | Col 822 | Col 823 | Col 824 | Col 825 | Col 826 | Col 827 | Col 828 | Col 829 | Col 830 | Col 831 | Col 832 | Col 833 | Col 834 | Col 835 | Col 836 | Col 837 | Col 838 | Col 839 | Col 840 | Col 841 | Col 842 | Col 843 | Col 844 | Col 845 | Col 846 | Col 847 | Col 848 | Col 849 | Col 850 | Col 851 | Col 852 | Col 853 | Col 854 | Col 855 | Col 856 | Col 857 | Col 858 | Col 859 | Col 860 | Col 861 | Col 862 | Col 863 | Col 864 | Col 865 | Col 866 | Col 867 | Col 868 | Col 869 | Col 870 | Col 871 | Col 872 | Col 873 | Col 874 | Col 875 | Col 876 | Col 877 | Col 878 | Col 879 | Col 880 | Col 881 | Col 882 | Col 883 | Col 884 | Col 885 | Col 886 | Col 887 | Col 888 | Col 889 | Col 890 | Col 891 | Col 892 | Col 893 | Col 894 | Col 895 | Col 896 | Col 897 | Col 898 | Col 899 | Col 900 | Col 901 | Col 902 | Col 903 | Col 904 | Col 905 | Col 906 | Col 907 | Col 908 | Col 909 | Col 910 | Col 911 | Col 912 | Col 913 | Col 914 | Col 915 | Col 916 | Col 917 | Col 918 | Col 919 | Col 920 | Col 921 | Col 922 | Col 923 | Col 924 | Col 925 | Col 926 | Col 927 | Col 928 | Col 929 | Col 930 | Col 931 | Col 932 | Col 933 | Col 934 | Col 935 | Col 936 | Col 937 | Col 938 | Col 939 | Col 940 | Col 941 | Col 942 | Col 943 | Col 944 | Col 945 | Col 946 | Col 947 | Col 948 | Col 949 | Col 950 | Col 951 | Col 952 | Col 953 | Col 954 | Col 955 | Col 956 | Col 957 | Col 958 | Col 959 | Col 960 | Col 961 | Col 962 | Col 963 | Col 964 | Col 965 | Col 966 | Col 967 | Col 968 | Col 969 | Col 970 | Col 971 | Col 972 | Col 973 | Col 974 | Col 975 | Col 976 | Col 977 | Col 978 | Col 979 | Col 980 | Col 981 | Col 982 | Col 983 | Col 984 | Col 985 | Col 986 | Col 987 | Col 988 | Col 989 | Col 990 | Col 991 | Col 992 | Col 993 | Col 994 | Col 995 | Col 996 | Col 997 | Col 998 | Col 999 | Col 1000 | Col 1001 | Col 1002 | Col 1003 | Col 1004 | Col 1005 | Col 1006 | Col 1007 | Col 1008 | Col 1009 | Col 1010 | Col 1011 | Col 1012 | Col 1013 | Col 1014 | Col 1015 | Col 1016 | Col 1017 | Col 1018 | Col 1019 | Col 1020 | Col 1021 | Col 1022 | Col 1023 | Col 1024 | Col 1025 | Col 1026 | Col 1027 | Col 1028 | Col 1029 | Col 1030 | Col 1031 | Col 1032 | Col 1033 | Col 1034 | Col 1035 | Col 1036 | Col 1037 | Col 1038 | Col 1039 | Col 1040 | Col 1041 | Col 1042 | Col 1043 | Col 1044 | Col 1045 | Col 1046 | Col 1047 | Col 1048 | Col 1049 | Col 1050 | Col 1051 | Col 1052 | Col 1053 | Col 1054 | Col 1055 | Col 1056 | Col 1057 | Col 1058 | Col 1059 | Col 1060 | Col 1061 | Col 1062 | Col 1063 | Col 1064 | Col 1065 | Col 1066 | Col 1067 | Col 1068 | Col 1069 | Col 1070 | Col 1071 | Col 1072 | Col 1073 | Col 1074 | Col 1075 | Col 1076 | Col 1077 | Col 1078 | Col 1079 | Col 1080 | Col 1081 | Col 1082 | Col 1083 | Col 1084 | Col 1085 | Col 1086 | Col 1087 | Col 1088 | Col 1089 | Col 1090 | Col 1091 | Col 1092 | Col 1093 | Col 1094 | Col 1095 | Col 1096 | Col 1097 | Col 1098 | Col 1099 | Col 1100 | Col 1101 | Col 1102 | Col 1103 | Col 1104 | Col 1105 | Col 1106 | Col 1107 | Col 1108 | Col 1109 | Col 1110 | Col 1111 | Col 1112 | Col 1113 | Col 1114 | Col 111 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-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Brooklawn Park Baseball Field  
New Bedford, MA

Lighting System

| Fixture Type Summary |           |           |           |           |           |           |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Area                 | Area Type | Area Size | Area Type | Area Size | Area Type | Area Size |
| A1-A2                | TV        | 70'       | TV        | 70'       | TV        | 70'       |
| B1-B2                | TV        | 70'       | TV        | 70'       | TV        | 70'       |
| C1-C2                | TV        | 70'       | TV        | 70'       | TV        | 70'       |
| D                    | TV        | 70'       | TV        | 70'       | TV        | 70'       |
| Circuit Summary      |           |           |           |           |           |           |
| Circuit              | Area      | Area Type | Area Size | Area Type | Area Size | Area Type |
| A                    | TV        | TV        | 70'       | TV        | 70'       | TV        |

| Fixture Type Summary |           |           |           |           |           |           |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Area                 | Area Type | Area Size | Area Type | Area Size | Area Type | Area Size |
| A1-A2                | TV        | 70'       | TV        | 70'       | TV        | 70'       |
| B1-B2                | TV        | 70'       | TV        | 70'       | TV        | 70'       |
| C1-C2                | TV        | 70'       | TV        | 70'       | TV        | 70'       |
| D                    | TV        | 70'       | TV        | 70'       | TV        | 70'       |
| Circuit Summary      |           |           |           |           |           |           |
| Circuit              | Area      | Area Type | Area Size | Area Type | Area Size | Area Type |
| A                    | TV        | TV        | 70'       | TV        | 70'       | TV        |

Light Level Summary

| Calculation Grid Summary |                        |           |           |           |           |           |
|--------------------------|------------------------|-----------|-----------|-----------|-----------|-----------|
| Grid Name                | Calculation Grid       | Grid Size | Grid Type | Grid Size | Grid Type | Grid Size |
| Baseball (Field)         | Horizontal Illuminance | 50.7      | 30        | 63        | 1.48      | 1.24      |
| Baseball (Outfield)      | Horizontal Illuminance | 32.3      | 41        | 1.78      | 1.40      | A         |
| Zero Grid                | Horizontal Illuminance | 1.73      | 0         | 36        | 0.00      | A         |

From Hometown to Professional

