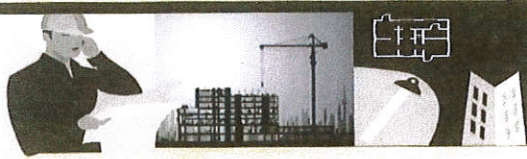


RECEIVED

SEP 19 2016

DEPARTMENT OF PLANNING



File No. (internal use only): _____

CITY OF HOLLYWOOD
OFFICE OF PLANNING

GENERAL APPLICATION

2600 Hollywood Boulevard Room 315
Hollywood, FL 33022



Tel: (954) 921-3471
Fax: (954) 921-3347

This application must be completed in full and submitted with all documents to be placed on a Board or Committee's agenda.

The applicant is responsible for obtaining the appropriate checklist for each type of application.

Applicant(s) or their authorized legal agent must be present at all Board or Committee meetings.

At least one set of the submitted plans for each application must be signed and sealed (i.e. Architect or Engineer).

Documents and forms can be accessed on the City's website at

<http://www.hollywoodfl.org/DocumentCenter/Home/View/21>



APPLICATION TYPE (CHECK ONE):

- ☒ Technical Advisory Committee ☐ Historic Preservation Board
☐ City Commission ☐ Planning and Development Board

Date of Application: September 12, 2016

Location Address: 500 E. Chaminade Drive, Hollywood FL 33021

Lot(s): 1 thru 21 Block(s): 271 & 272 Subdivision: _____

Folio Number(s): 514207-07-0080

Zoning Classification: RS-5 Land Use Classification: Residential

Existing Property Use: Church-School Sq Ft/Number of Units: _____

Is the request the result of a violation notice? () Yes (X) No If yes, attach a copy of violation.

Has this property been presented to the City before? If yes, check all that apply and provide File Number(s) and Resolution(s): _____

- ☒ Economic Roundtable ☐ Technical Advisory Committee ☐ Historic Preservation Board
☐ City Commission ☐ Planning and Development

Explanation of Request: Site plan approval to allow lighting to be installed on an existing play field for school activities that will not extend beyond 10:00 PM in evening.

Number of units/rooms: _____ Sq Ft: _____

Value of Improvement: 500,000 Estimated Date of Completion: June 30, 2017

Will Project be Phased? () Yes (X) No If Phased, Estimated Completion of Each Phase _____

Name of Current Property Owner: Chaminade-Madonna College Preparatory Inc.

Address of Property Owner: 500 E. Chaminade Drive

Telephone: 954-989-5150 Fax: _____ Email Address: jmuccheck@cmlions.org

Name of Consultant/Representative/Tenant (circle one): Musco Lighting - Jason Frucht

Address: 1250 So Pine Island Rd - Suite 325 Telephone: 954-732-5674

Fax: _____ Email Address: jason.frucht@musco.com

Date of Purchase: _____ Is there an option to purchase the Property? Yes () No ()

If Yes, Attach Copy of the Contract.

List Anyone Else Who Should Receive Notice of the Hearing: Tripp Scott Attorneys

Wilson C. Atkinson

Address: 110 SE Sixth Street Suite 1500

Fort Lauderdale FL 33301

Email Address: wca@TrippScott.com

DEPARTMENT OF PLANNING



2600 Hollywood Boulevard Room 315
Hollywood, FL 33022

GENERAL APPLICATION

CERTIFICATION OF COMPLIANCE WITH APPLICABLE REGULATIONS

The applicant/owner(s) signature certifies that he/she has been made aware of the criteria, regulations and guidelines applicable to the request. This information can be obtained in Room 315 of City Hall or on our website at www.hollywoodfl.org. The owner(s) further certifies that when required by applicable law, including but not limited to the City's Zoning and Land Development Regulations, they will post the site with a sign provided by the Office of Planning and Development Services. The owner(s) will photograph the sign the day of posting and submit photographs to the Office of Planning and Development Services as required by applicable law. Failure to post the sign will result in violation of State and Municipal Notification Requirements and Laws.

(I)(We) certify that (I) (we) understand and will comply with the provisions and regulations of the City's Zoning and Land Development Regulations, Design Guidelines, Design Guidelines for Historic Properties and City's Comprehensive Plan as they apply to this project. (I)(We) further certify that the above statements and drawings made on any paper or plans submitted herewith are true to the best of (my)(our) knowledge. (I)(We) understand that the application and attachments become part of the official public records of the City and are not returnable.

Signature of Current Owner: Judith Mucheck President/Director Date: 9/12/16

PRINT NAME: Judith Mucheck

Signature of Consultant/Representative: Wilson C. Atkinson Date: 9/20/16

PRINT NAME: Wilson ATKINSON

Signature of Tenant: _____ Date: _____

PRINT NAME: _____ Date: _____

CURRENT OWNER POWER OF ATTORNEY

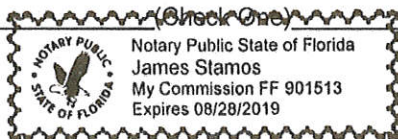
I am the current owner of the described real property and that I am aware of the nature and effect the request for (project description) Ball Field lighting to my property, which is hereby made by me or I am hereby authorizing (name of the representative) Wilson ATKINSON to be my legal representative before the T.A.C. (Board and/or Committee) relative to all matters concerning this application.

Sworn to and subscribed before me
this 12th day of September

[Signature]
Notary Public State of Florida

Judith Mucheck
SIGNATURE OF CURRENT OWNER
JUDITH mucheck
James Stamos
PRINT NAME

My Commission Expires: (Check One) Personally known to me; OR _____



**FLORIDA DEPARTMENT OF STATE
DIVISION OF CORPORATIONS****Detail by Entity Name****Florida Not For Profit Corporation**

CHAMINADE-MADONNA COLLEGE PREPARATORY, INC.

Filing Information

| | |
|-----------------------------|-------------------------------|
| Document Number | 712200 |
| FEI/EIN Number | 59-0919317 |
| Date Filed | 02/03/1967 |
| State | FL |
| Status | ACTIVE |
| Last Event | AMENDED AND RESTATED ARTICLES |
| Event Date Filed | 01/29/2016 |
| Event Effective Date | NONE |

Principal Address500 CHAMINADE DR.
HOLLYWOOD, FL 33021

Changed: 05/28/1996

Mailing Address500 CHAMINADE DR.
HOLLYWOOD, FL 33021

Changed: 05/28/1996

Registered Agent Name & AddressMUCHECK, JUDITH, PH.D.
500 CHAMINADE DRIVE
HOLLYWOOD, FL 33021

Name Changed: 08/31/2015

Address Changed: 08/11/2008

Officer/Director Detail**Name & Address**

Title SD

KAMIS, JOSEPH
500 CHAMINADE DR
HOLLYWOOD, FL 33021

Title C

SOLMA , MARTIN, S.M., REV.
500 CHAMINADE DR
HOLLYWOOD, FL 33021

Title PD

MUCHECK, JUDITH, PH.D.
500 CHAMINADE DR.
HOLLYWOOD, FL 33021

Title VD

GIARDINO , THOMAS, S.M.
500 CHAMINADE DR.
HOLLYWOOD, FL 33021

Title TD

OVERMAN , RONALD , S.M.
500 CHAMINADE DR.
HOLLYWOOD, FL 33021

Annual Reports

| Report Year | Filed Date |
|-------------|------------|
| 2014 | 01/07/2014 |
| 2015 | 04/22/2015 |
| 2016 | 03/01/2016 |

Document Images

| | |
|--|--|
| <u>03/01/2016 -- ANNUAL REPORT</u> | View image in PDF format |
| <u>01/29/2016 -- Amended and Restated Articles</u> | View image in PDF format |
| <u>08/31/2015 -- Amendment</u> | View image in PDF format |
| <u>04/22/2015 -- ANNUAL REPORT</u> | View image in PDF format |
| <u>10/24/2014 -- Amendment</u> | View image in PDF format |
| <u>01/07/2014 -- ANNUAL REPORT</u> | View image in PDF format |
| <u>03/21/2013 -- ANNUAL REPORT</u> | View image in PDF format |
| <u>02/07/2012 -- ANNUAL REPORT</u> | View image in PDF format |
| <u>01/19/2011 -- ANNUAL REPORT</u> | View image in PDF format |
| <u>04/22/2010 -- ANNUAL REPORT</u> | View image in PDF format |
| <u>04/27/2009 -- ANNUAL REPORT</u> | View image in PDF format |
| <u>08/11/2008 -- ANNUAL REPORT</u> | View image in PDF format |
| <u>02/08/2007 -- ANNUAL REPORT</u> | View image in PDF format |
| <u>01/23/2006 -- ANNUAL REPORT</u> | View image in PDF format |

CHAMINADE-MADONNA

2016 VARSITY FOOTBALL SCHEDULE

| <u>DATE</u> | <u>TIME</u> | <u>OPPONENT</u> | <u>LOCATION</u> |
|----------------|-------------|---|-----------------|
| AUGUST 19th | 7:00 | DEERFIELD BEACH  | AWAY |
| AUGUST 26th | | BYE | |
| SEPTEMBER 2nd | 4:00 | NORTH MIAMI BEACH  | HOME |
| SEPTEMBER 9th | 4:00 | CARDINAL GIBBONS  | HOME |
| SEPTEMBER 16th | 4:00 | EVERGLADES PREP *  | AWAY |
| SEPTEMBER 23rd | 7:30 | MONSIGNOR PACE  | AWAY |
| SEPTEMBER 30th | 4:00 | SOMERSET ACADEMY*  | AWAY |
| OCTOBER 7th | 3:30 | WESTMINSTER *  | HOME |
| OCTOBER 14th | 7:30 | NORTH MARION  | AWAY |
| OCTOBER 21st | 3:30 | KEYS GATE  | HOME |
| OCTOBER 28th | 7:00 | FLANAGAN  | AWAY |
| NOVEMBER 5th | 1:00 | IMG  | HOME |



* DISTRICT GAME



Chaminade Madonna High School Football

Hollywood, FL

Lighting System

| Pole / Fixture Summary | | | | | | |
|------------------------|-------------|------------|-------------|----------------|-----------------|-------|
| Pole ID | Pole Height | Mtg Height | Fixture Qty | Luminaire Type | Load | Group |
| F1 | 80' | 80' | 16 | 216 LED | 10.08 kW | A |
| | | 80' | 3 | 228 LED | 1.89 kW | A |
| | | 24' | 2 | 96 LED | 0.80 kW | A |
| F2 | 80' | 80' | 17 | 216 LED | 10.71 kW | A |
| | | 80' | 2 | 228 LED | 1.26 kW | A |
| | | 24' | 2 | 96 LED | 0.80 kW | A |
| F3 | 80' | 80' | 19 | 216 LED | 11.97 kW | A |
| | | 24' | 2 | 96 LED | 0.80 kW | A |
| F5 | 80' | 80' | 18 | 216 LED | 11.34 kW | A |
| | | 80' | 1 | 228 LED | 0.63 kW | A |
| | | 24' | 2 | 96 LED | 0.80 kW | A |
| T1 | 50' | 50' | 1 | 216 LED | 0.63 kW | B |
| | | 50' | 1 | 228 LED | 0.63 kW | B |
| T2 | 50' | 50' | 2 | 228 LED | 1.26 kW | B |
| 6 | | | 88 | | 53.60 kW | |

| Group Summary | | | | |
|---------------|-----------------|----------|----------|-------------|
| Group | Description | Avg Load | Max Load | Fixture Qty |
| A | Football/Soccer | 51.08 kW | 51.08 kW | 84 |
| B | Track | 2.52 kW | 2.52 kW | 4 |

| Fixture Type Summary | | | | | | | |
|----------------------|--------------------|---------|--------|--------|---------|---------|----------|
| Type | Source | Wattage | Lumens | L90 | L80 | L70 | Quantity |
| 216 LED | LED 5700K - 75 CRI | 630W | 63,600 | 38,000 | >60,000 | >60,000 | 71 |
| 96 LED | LED 5700K - 75 CRI | 400W | 38,600 | 61,000 | >72,000 | >72,000 | 8 |
| 228 LED | LED 5700K - 75 CRI | 630W | 63,600 | 38,000 | >60,000 | >60,000 | 9 |

Light Level Summary

| Calculation Grid Summary | | | | | | | |
|--------------------------|---------------------------------|--------------|------|-------|----------|--------|-------------|
| Grid Name | Calculation Metric | Illumination | | | | Groups | Fixture Qty |
| | | Ave | Min | Max | Max/Min | | |
| Field Side Spill | Horizontal | 0.05 | 0 | 0.24 | 17165.14 | A,B | 88 |
| Field Side Spill | Max Candela (by Fixture) | 3385 | 25.4 | 11296 | 445.35 | A,B | 88 |
| Field Side Spill | Max Vertical Illuminance Metric | 0.13 | 0 | 0.49 | 4984.17 | A,B | 88 |
| Football-1 | Horizontal Illuminance | 50.2 | 35 | 70 | 1.98 | A | 84 |
| Soccer-1 | Horizontal Illuminance | 51.2 | 37 | 67 | 1.81 | A | 84 |
| Spill | Horizontal | 0.01 | 0 | 0.05 | 26697.52 | A,B | 88 |
| Spill | Max Candela (by Fixture) | 1284 | 1.42 | 4564 | 3225.52 | A,B | 88 |
| Spill | Max Vertical Illuminance Metric | 0.03 | 0 | 0.13 | 10314.08 | A,B | 88 |
| Track-1 | Horizontal Illuminance | 11.7 | 3 | 19 | 6.60 | A,B | 88 |

From Hometown to Professional



We Make It Happen®

EQUIPMENT LIST FOR AREAS SHOWN

| Pole | | | | Luminaires | | | | |
|------|-----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 3 | F1-F2, F5 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 228 / 216 LED | 19 | 19 | 0 |
| 1 | F3 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 216 LED | 19 | 19 | 0 |
| 4 | TOTALS | | | | | 84 | 84 | 0 |



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

ENGINEERED DESIGN By: Jake Van Polen • File #135032G • 02-Sep-16

Chaminade Madonna High School Football
Hollywood, FL

GRID SUMMARY

Name: Football-1
Size: 360' x 160'
Spacing: 30.0' x 30.0'
Height: 3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

Entire Grid

Guaranteed Average: 50
Scan Average: 50.20
Maximum: 70
Minimum: 35
Avg / Min: 1.42
Guaranteed Max / Min: 2
Max / Min: 1.98
UG (adjacent pts): 1.69
No. of Points: 72

LUMINAIRE INFORMATION

Color / CRI: 5700K - 75 CRI
Luminaire Output: 63,600 / 38,600 / 63,600 lumens
No. of Luminaires: 84
Total Load: 51.08 kW

Lumen Maintenance

| Luminaire Type | L90 hrs | L80 hrs | L70 hrs |
|----------------|---------|---------|---------|
| 216 LED | 38,000 | >60,000 | >60,000 |
| 96 LED | 61,000 | >72,000 | >72,000 |
| 228 LED | 38,000 | >60,000 | >60,000 |

Reported per TM-21-11. See luminaire datasheet for details.

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.



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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

| Pole | | | | Luminaires | | | | |
|------|-----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 3 | F1-F2, F5 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 228 / 216 LED | 19 | 19 | 0 |
| 1 | F3 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 216 LED | 19 | 19 | 0 |
| 4 | TOTALS | | | | | 84 | 84 | 0 |



ENGINEERED DESIGN By: Jake Van Polen • File #135032G • 02-Sep-16

Chaminade Madonna High School Football
Hollywood, FL

GRID SUMMARY

Name: Soccer-1
Size: 300' x 190'
Spacing: 30.0' x 30.0'
Height: 3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

Entire Grid

Guaranteed Average: 50
Scan Average: 51.15
Maximum: 67
Minimum: 37
Avg / Min: 1.39
Guaranteed Max / Min: 2
Max / Min: 1.81
UG (adjacent pts): 1.42
No. of Points: 70

LUMINAIRE INFORMATION

Color / CRI: 5700K - 75 CRI
Luminaire Output: 63,600 / 38,600 / 63,600 lumens
No. of Luminaires: 84
Total Load: 51.08 kW

Lumen Maintenance

| Luminaire Type | L90 hrs | L80 hrs | L70 hrs |
|----------------|---------|---------|---------|
| 216 LED | 38,000 | >60,000 | >60,000 |
| 96 LED | 61,000 | >72,000 | >72,000 |
| 228 LED | 38,000 | >60,000 | >60,000 |

Reported per TM-21-11. See luminaire datasheet for details.

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



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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

| Pole | | | | Luminaires | | | | |
|------|-----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 3 | F1-F2, F5 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 228 / 216 LED | 19 | 19 | 0 |
| 1 | F3 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 216 LED | 19 | 19 | 0 |
| 1 | T1 | 50' | - | 50' | 228 / 216 LED | 2 | 2 | 0 |
| 1 | T2 | 50' | - | 50' | 228 LED | 2 | 2 | 0 |
| 6 | TOTALS | | | | | 88 | 88 | 0 |



ENGINEERED DESIGN By: Jake Van Polen • File #135032G • 02-Sep-16

Chaminade Madonna High School Football
Hollywood, FL

GRID SUMMARY

Name: Track-1
Size: Irregular
Spacing: 30.0' x 30.0'
Height: 3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

Entire Grid

Guaranteed Average: 11
Scan Average: 11.65
Maximum: 19
Minimum: 3
Avg / Min: 4.05
Guaranteed Max / Min: 7
Max / Min: 6.60
UG (adjacent pts): 0.00
No. of Points: 47

LUMINAIRE INFORMATION

Color / CRI: 5700K - 75 CRI
Luminaire Output: 63,600 / 38,600 / 63,600 lumens
No. of Luminaires: 88
Total Load: 53.6 kW

Lumen Maintenance

| Luminaire Type | L90 hrs | L80 hrs | L70 hrs |
|----------------|---------|---------|---------|
| 216 LED | 38,000 | >60,000 | >60,000 |
| 96 LED | 61,000 | >72,000 | >72,000 |
| 228 LED | 38,000 | >60,000 | >60,000 |

Reported per TM-21-11. See luminaire datasheet for details.

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



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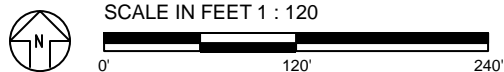
ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

| Pole | | | | Luminaires | | | | |
|------|-----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 3 | F1-F2, F5 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 228 / 216 LED | 19 | 19 | 0 |
| 1 | F3 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 216 LED | 19 | 19 | 0 |
| 1 | T1 | 50' | - | 50' | 228 / 216 LED | 2 | 2 | 0 |
| 1 | T2 | 50' | - | 50' | 228 LED | 2 | 2 | 0 |
| 6 | TOTALS | | | | | 88 | 88 | 0 |



NOTES: Musco design meets the 0.5 FC spill ordinance for City of Hollywood.



ENGINEERED DESIGN By: Jake Van Polen • File #135032G • 02-Sep-16

Chaminade Madonna High School Football Hollywood, FL

GRID SUMMARY

Name: Field Side Spill
Spacing: 30.0'
Height: 3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

Entire Grid
Scan Average: 0.0547
Maximum: 0.24
Minimum: 0.00
No. of Points: 52

LUMINAIRE INFORMATION

Color / CRI: 5700K - 75 CRI
Luminaire Output: 63,600 / 38,600 / 63,600 lumens
No. of Luminaires: 88
Total Load: 53.6 kW

Lumen Maintenance

| Luminaire Type | L90 hrs | L80 hrs | L70 hrs |
|----------------|---------|---------|---------|
| 216 LED | 38,000 | >60,000 | >60,000 |
| 96 LED | 61,000 | >72,000 | >72,000 |
| 228 LED | 38,000 | >60,000 | >60,000 |

Reported per TM-21-11. See luminaire datasheet for details.

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



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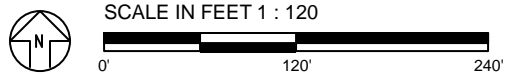
ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

| Pole | | | | Luminaires | | | | |
|------|-----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 3 | F1-F2, F5 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 228 / 216 LED | 19 | 19 | 0 |
| 1 | F3 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 216 LED | 19 | 19 | 0 |
| 1 | T1 | 50' | - | 50' | 228 / 216 LED | 2 | 2 | 0 |
| 1 | T2 | 50' | - | 50' | 228 LED | 2 | 2 | 0 |
| 6 | TOTALS | | | | | 88 | 88 | 0 |



NOTES: Musco design meets the 0.5 FC spill ordinance for City of Hollywood.



ENGINEERED DESIGN By: Jake Van Polen • File #135032G • 02-Sep-16

Chaminade Madonna High School Football Hollywood, FL

GRID SUMMARY

Name: Field Side Spill
Spacing: 30.0'
Height: 3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED MAX VERTICAL FOOTCANDLES

Entire Grid
Scan Average: 0.1318
Maximum: 0.49
Minimum: 0.00
No. of Points: 52

LUMINAIRE INFORMATION

Color / CRI: 5700K - 75 CRI
Luminaire Output: 63,600 / 38,600 / 63,600 lumens
No. of Luminaires: 88
Total Load: 53.6 kW

Lumen Maintenance

| Luminaire Type | L90 hrs | L80 hrs | L70 hrs |
|----------------|---------|---------|---------|
| 216 LED | 38,000 | >60,000 | >60,000 |
| 96 LED | 61,000 | >72,000 | >72,000 |
| 228 LED | 38,000 | >60,000 | >60,000 |

Reported per TM-21-11. See luminaire datasheet for details.

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



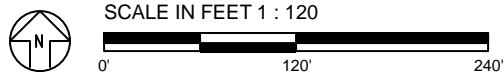
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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

| Pole | | | | Luminaires | | | | |
|------|-----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 3 | F1-F2, F5 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 228 / 216 LED | 19 | 19 | 0 |
| 1 | F3 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 216 LED | 19 | 19 | 0 |
| 1 | T1 | 50' | - | 50' | 228 / 216 LED | 2 | 2 | 0 |
| 1 | T2 | 50' | - | 50' | 228 LED | 2 | 2 | 0 |
| 6 | TOTALS | | | | | 88 | 88 | 0 |



ENGINEERED DESIGN By: Jake Van Polen • File #135032G • 02-Sep-16

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

Chaminade Madonna High School Football Hollywood,FL

GRID SUMMARY

Name: Field Side Spill
Spacing: 30.0'
Height: 3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED CANDELA (PER FIXTURE)

Entire Grid
Scan Average: 3384.9124
Maximum: 11295.50
Minimum: 25.36
No. of Points: 52

LUMINAIRE INFORMATION

Color / CRI: 5700K - 75 CRI
Luminaire Output: 63,600 / 38,600 / 63,600 lumens
No. of Luminaires: 88
Total Load: 53.6 kW

Lumen Maintenance

| Luminaire Type | L90 hrs | L80 hrs | L70 hrs |
|----------------|---------|---------|---------|
| 216 LED | 38,000 | >60,000 | >60,000 |
| 96 LED | 61,000 | >72,000 | >72,000 |
| 228 LED | 38,000 | >60,000 | >60,000 |

Reported per TM-21-11. See luminaire datasheet for details.

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.



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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

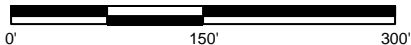
| Pole | | | | Luminaires | | | | |
|------|-----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 3 | F1-F2, F5 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 228 / 216 LED | 19 | 19 | 0 |
| 1 | F3 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 216 LED | 19 | 19 | 0 |
| 1 | T1 | 50' | - | 50' | 228 / 216 LED | 2 | 2 | 0 |
| 1 | T2 | 50' | - | 50' | 228 LED | 2 | 2 | 0 |
| 6 | TOTALS | | | | | 88 | 88 | 0 |



NOTES: Musco design meets the 0.5 FC spill ordinance for City of Hollywood.



SCALE IN FEET 1 : 150



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

Chaminade Madonna High School Football Hollywood,FL

GRID SUMMARY

Name: Spill
Spacing: 30.0'
Height: 3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

Entire Grid

Scan Average: 0.0099

Maximum: 0.05

Minimum: 0.00

No. of Points: 56

LUMINAIRE INFORMATION

Color / CRI: 5700K - 75 CRI

Luminaire Output: 63,600 / 38,600 / 63,600 lumens

No. of Luminaires: 88

Total Load: 53.6 kW

Lumen Maintenance

| Luminaire Type | L90 hrs | L80 hrs | L70 hrs |
|----------------|---------|---------|---------|
| 216 LED | 38,000 | >60,000 | >60,000 |
| 96 LED | 61,000 | >72,000 | >72,000 |
| 228 LED | 38,000 | >60,000 | >60,000 |

Reported per TM-21-11. See luminaire datasheet for details.

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.



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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

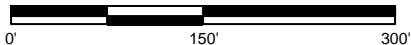
| Pole | | | | Luminaires | | | | |
|------|-----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 3 | F1-F2, F5 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 228 / 216 LED | 19 | 19 | 0 |
| 1 | F3 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 216 LED | 19 | 19 | 0 |
| 1 | T1 | 50' | - | 50' | 228 / 216 LED | 2 | 2 | 0 |
| 1 | T2 | 50' | - | 50' | 228 LED | 2 | 2 | 0 |
| 6 | TOTALS | | | | | 88 | 88 | 0 |



NOTES: Musco design meets the 0.5 FC spill ordinance for City of Hollywood.



SCALE IN FEET 1 : 150



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

Chaminade Madonna High School Football Hollywood,FL

GRID SUMMARY

Name: Spill
Spacing: 30.0'
Height: 3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED MAX VERTICAL FOOTCANDLES

Entire Grid
Scan Average: 0.0338
Maximum: 0.13
Minimum: 0.00
No. of Points: 56

LUMINAIRE INFORMATION

Color / CRI: 5700K - 75 CRI
Luminaire Output: 63,600 / 38,600 / 63,600 lumens
No. of Luminaires: 88
Total Load: 53.6 kW

Lumen Maintenance

| Luminaire Type | L90 hrs | L80 hrs | L70 hrs |
|----------------|---------|---------|---------|
| 216 LED | 38,000 | >60,000 | >60,000 |
| 96 LED | 61,000 | >72,000 | >72,000 |
| 228 LED | 38,000 | >60,000 | >60,000 |

Reported per TM-21-11. See luminaire datasheet for details.

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.



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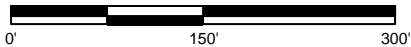
ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

| Pole | | | | Luminaires | | | | |
|------|-----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 3 | F1-F2, F5 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 228 / 216 LED | 19 | 19 | 0 |
| 1 | F3 | 80' | - | 24' | 96 LED | 2 | 2 | 0 |
| | | | | 80' | 216 LED | 19 | 19 | 0 |
| 1 | T1 | 50' | - | 50' | 228 / 216 LED | 2 | 2 | 0 |
| 1 | T2 | 50' | - | 50' | 228 LED | 2 | 2 | 0 |
| 6 | TOTALS | | | | | 88 | 88 | 0 |



SCALE IN FEET 1 : 150



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

Chaminade Madonna High School Football Hollywood,FL

GRID SUMMARY

Name: Spill
Spacing: 30.0'
Height: 3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED CANDELA (PER FIXTURE)

Entire Grid
Scan Average: 1283.6757
Maximum: 4564.44
Minimum: 1.42
No. of Points: 56

LUMINAIRE INFORMATION

Color / CRI: 5700K - 75 CRI
Luminaire Output: 63,600 / 38,600 / 63,600 lumens
No. of Luminaires: 88
Total Load: 53.6 kW

Lumen Maintenance

| Luminaire Type | L90 hrs | L80 hrs | L70 hrs |
|----------------|---------|---------|---------|
| 216 LED | 38,000 | >60,000 | >60,000 |
| 96 LED | 61,000 | >72,000 | >72,000 |
| 228 LED | 38,000 | >60,000 | >60,000 |

Reported per TM-21-11. See luminaire datasheet for details.

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.



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ILLUMINATION SUMMARY

Chaminade Madonna High School Football
Hollywood,FL

EQUIPMENT LAYOUT

INCLUDES:

- Football-1
- Soccer-1
- Track-1

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

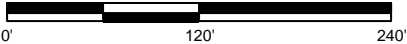
| Pole | | | | Luminaires | | |
|------|-----------|------|-----------------|-----------------|-------------------------|------------|
| QTY | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE |
| 3 | F1-F2, F5 | 80' | - | 24' 80' | 96 LED 228 / 216 LED | 2 19 |
| 1 | F3 | 80' | - | 24' 80' | 96 LED 216 LED | 2 19 |
| 1 | T1 | 50' | - | 50' | 228 / 216 LED | 2 |
| 1 | T2 | 50' | - | 50' | 228 LED | 2 |
| 6 | TOTALS | | | | | 88 |

SINGLE LUMINAIRE AMPERAGE DRAW CHART

| Ballast Specifications (.90 min power factor) | Line Amperage Per Luminaire (max draw) | | | | | | |
|--|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Single Phase Voltage | 208 (60) | 220 (60) | 240 (60) | 277 (60) | 347 (60) | 380 (60) | 480 (60) |
| 216 LED | 3.9 | 3.7 | 3.4 | 3.0 | 2.4 | 2.2 | 1.7 |
| 96 LED | 2.5 | 2.3 | 2.1 | 1.9 | 1.5 | 1.4 | 1.1 |
| 228 LED | 3.9 | 3.7 | 3.4 | 3.0 | 2.4 | 2.2 | 1.7 |



SCALE IN FEET 1 : 120



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



GLARE IMPACT

Summary

Map indicates the maximum candela an observer would see when facing the brightest light source from any direction.

A well-designed lighting system controls light to provide maximum useful on-field illumination with minimal destructive off-site glare.

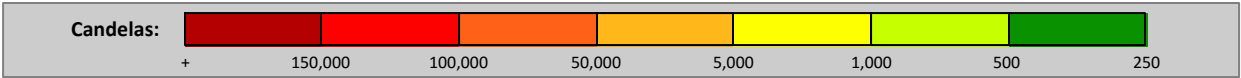
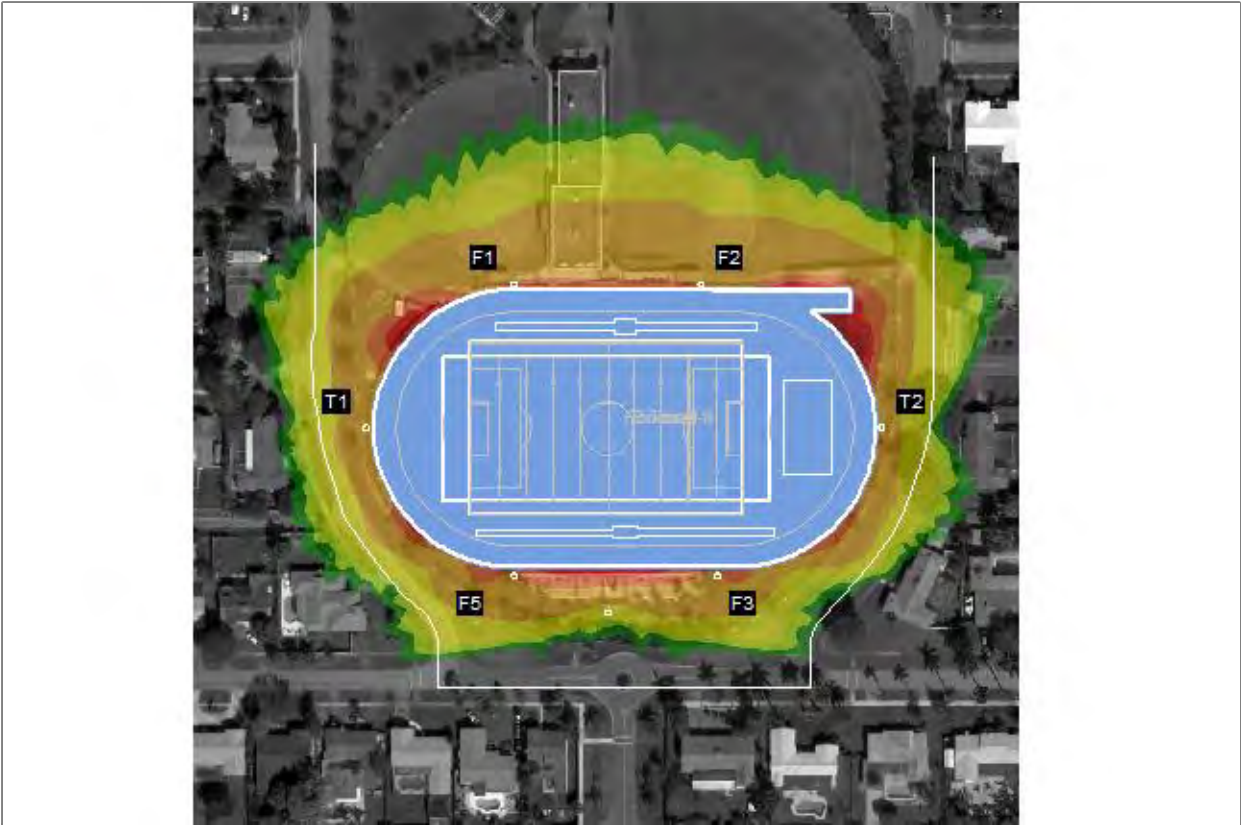
GLARE

Candela Levels

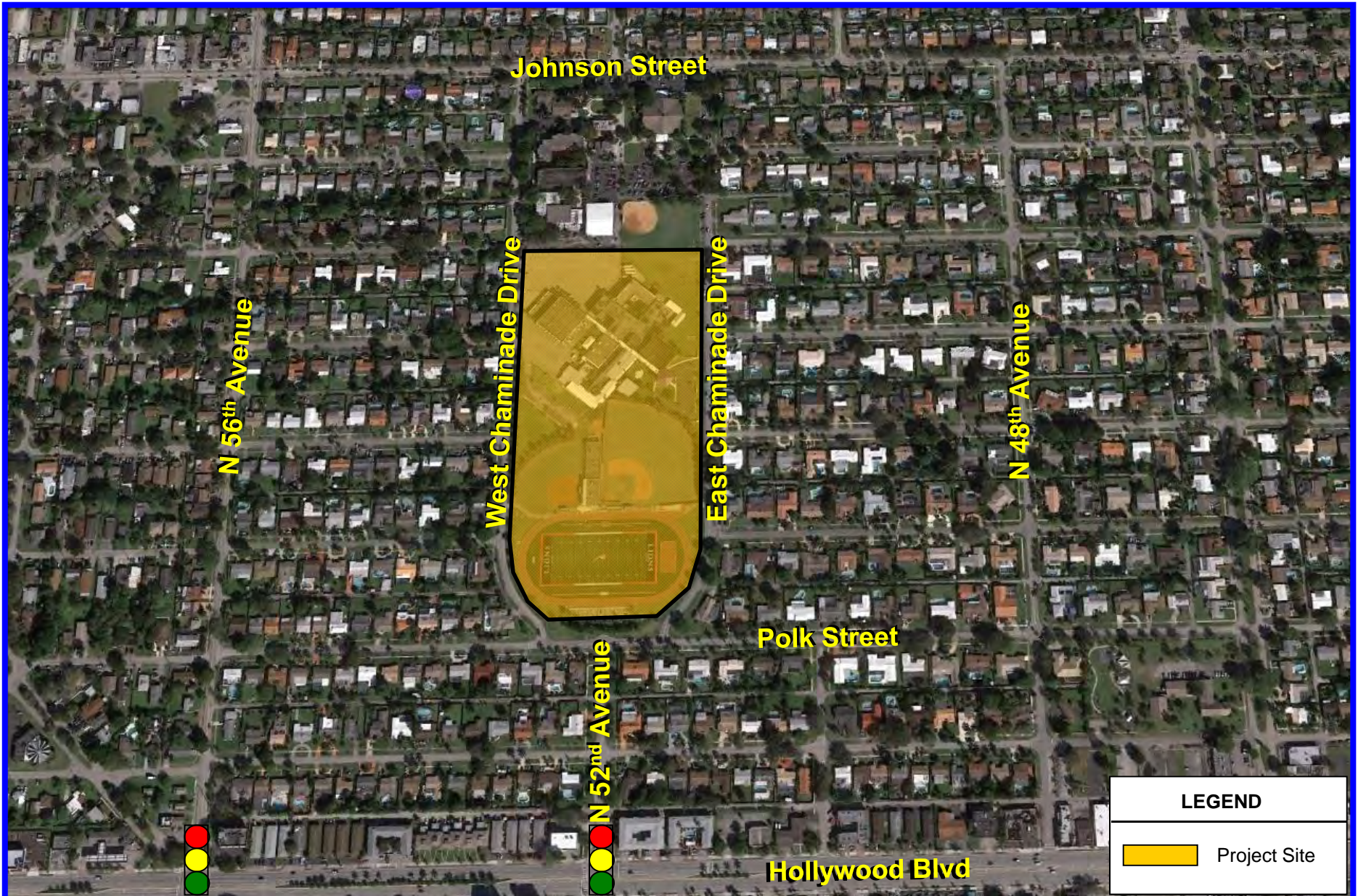
High Glare: 150,000 or more candela
Should only occur on or very near the lit area where the light source is in direct view. Care must be taken to minimize high glare zones.

Significant Glare: 25,000 to 75,000 candela
Equivalent to high beam headlights of a car.

Minimal to No Glare: 500 or less candela
Equivalent to 100W incandescent light bulb.

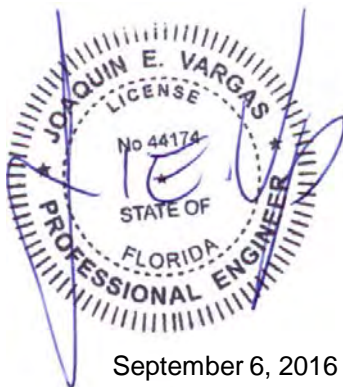
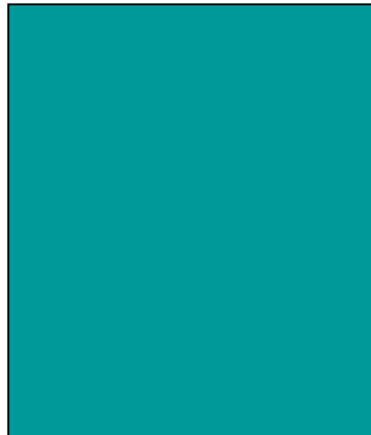


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Chaminade-Madonna College Preparatory Hollywood, Florida

event parking & traffic
management plan



September 6, 2016

prepared for:
Chaminade-Madonna

Traf Tech
ENGINEERING, INC.

September 2016

INTRODUCTION

Chaminade-Madonna College Preparatory is a private school (grades 9 – 12) located at 500 East Chaminade Drive in the City of Hollywood in Broward County, Florida. The location of the subject school and the surrounding street system is depicted in Figure 1 on the following page. Traf Tech Engineering, Inc. has been retained by the subject educational institution to prepare a traffic and parking management plan for special events at the athletic field. The athletic field will have capacity to accommodate up to 1,150 spectators during sold-out events.

PARKING NEEDS FOR SPECIAL EVENTS

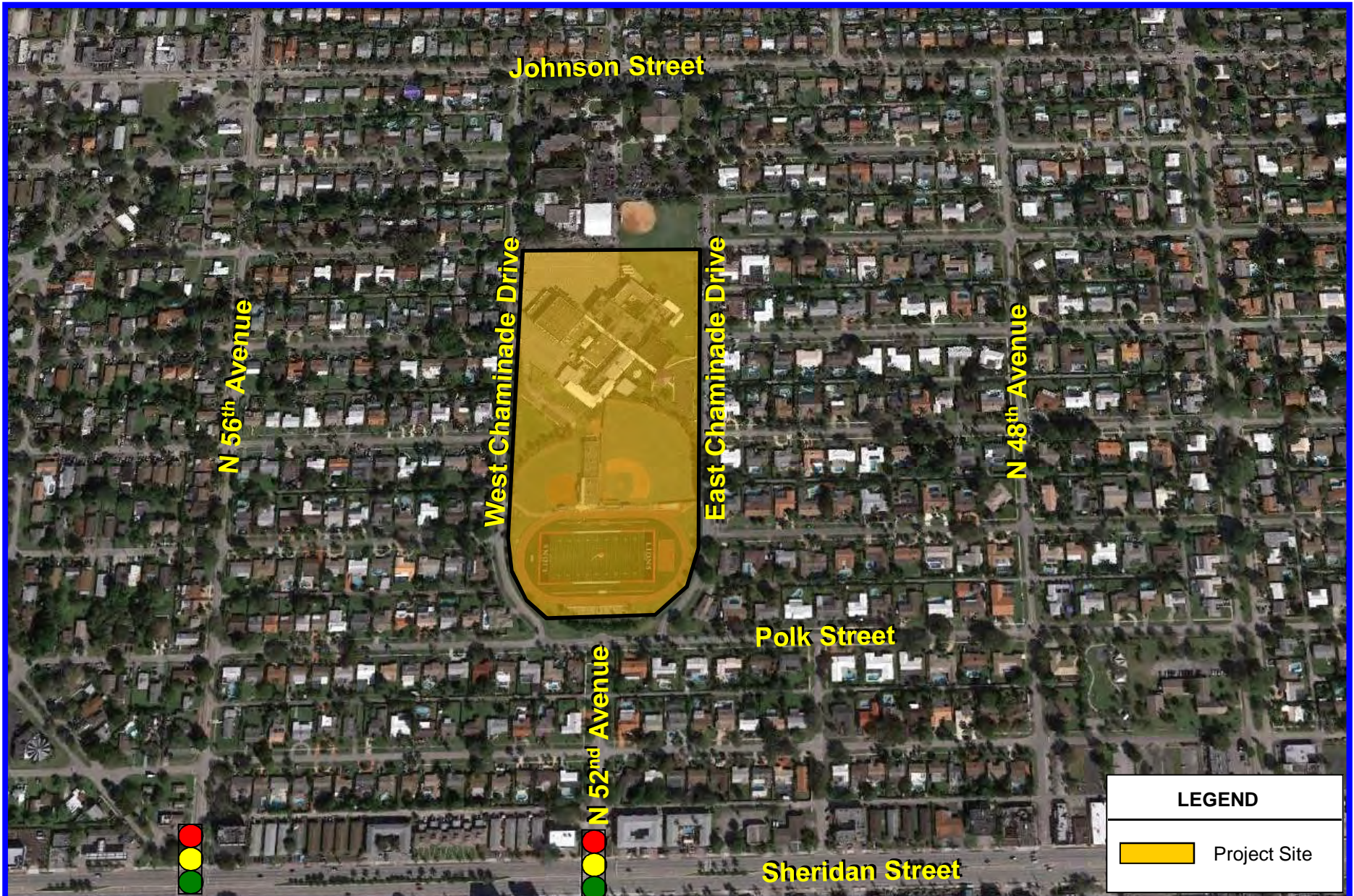
The parking needs for special events were determined based on information published in the Urban Land Institute (ULI) *Shared Parking* (Second Edition) document. According to ULI, approximately 0.3 parking spaces per seat are required for stadiums, with approximately 1 bus for every 1,000 spectators. It is anticipated that two buses will be used for special events at the Chaminade-Madonna athletic fields. Hence, the 0.3 parking rate per seat is considered appropriate for determining the parking needs for this facility.

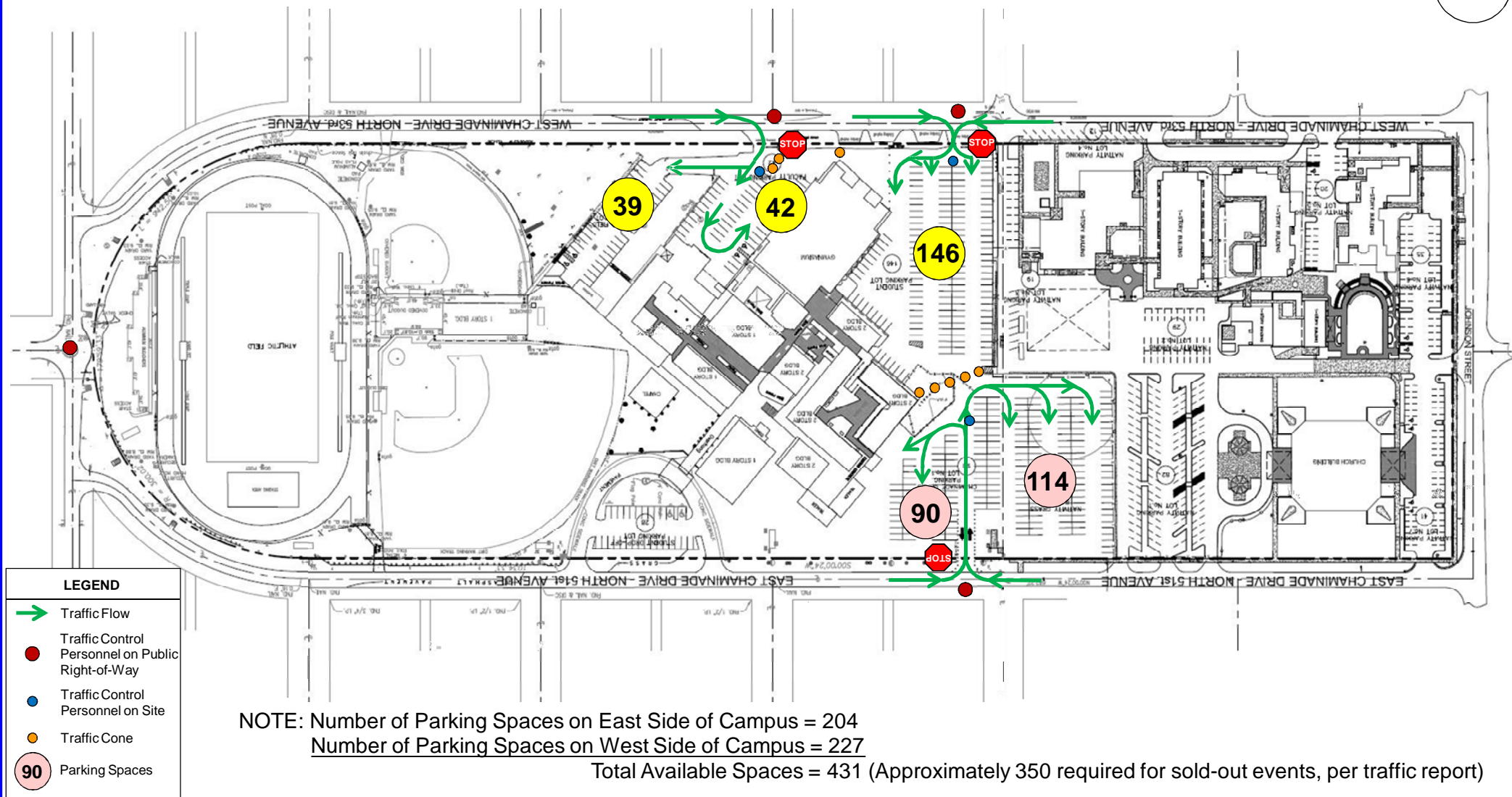
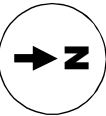
Based on the above, the 1,150-seat stadium will require parking for approximately 350 vehicles for sold-out events. As shown in Figures 2 and 3, approximately 430 vehicles can be accommodated within the Chaminade-Madonna campus, including the two open fields (grass parking) of the school and of Nativity Catholic Church located adjacent to the school. Additional parking, if needed, is available within the paved parking lots of the church (the church has over 200 surface parking spaces). Additionally, the available parking for special events is evenly distributed (approximately one-half, or 204 parking spaces are provided off of East Chaminade Drive and approximately one half, or 227 parking stalls are provided on the west side of the school campus (off of West Chaminade Drive). The evenly-distributed parking supply will benefit traffic flow arriving and departing prior to and after a sold-out event at the athletic field.

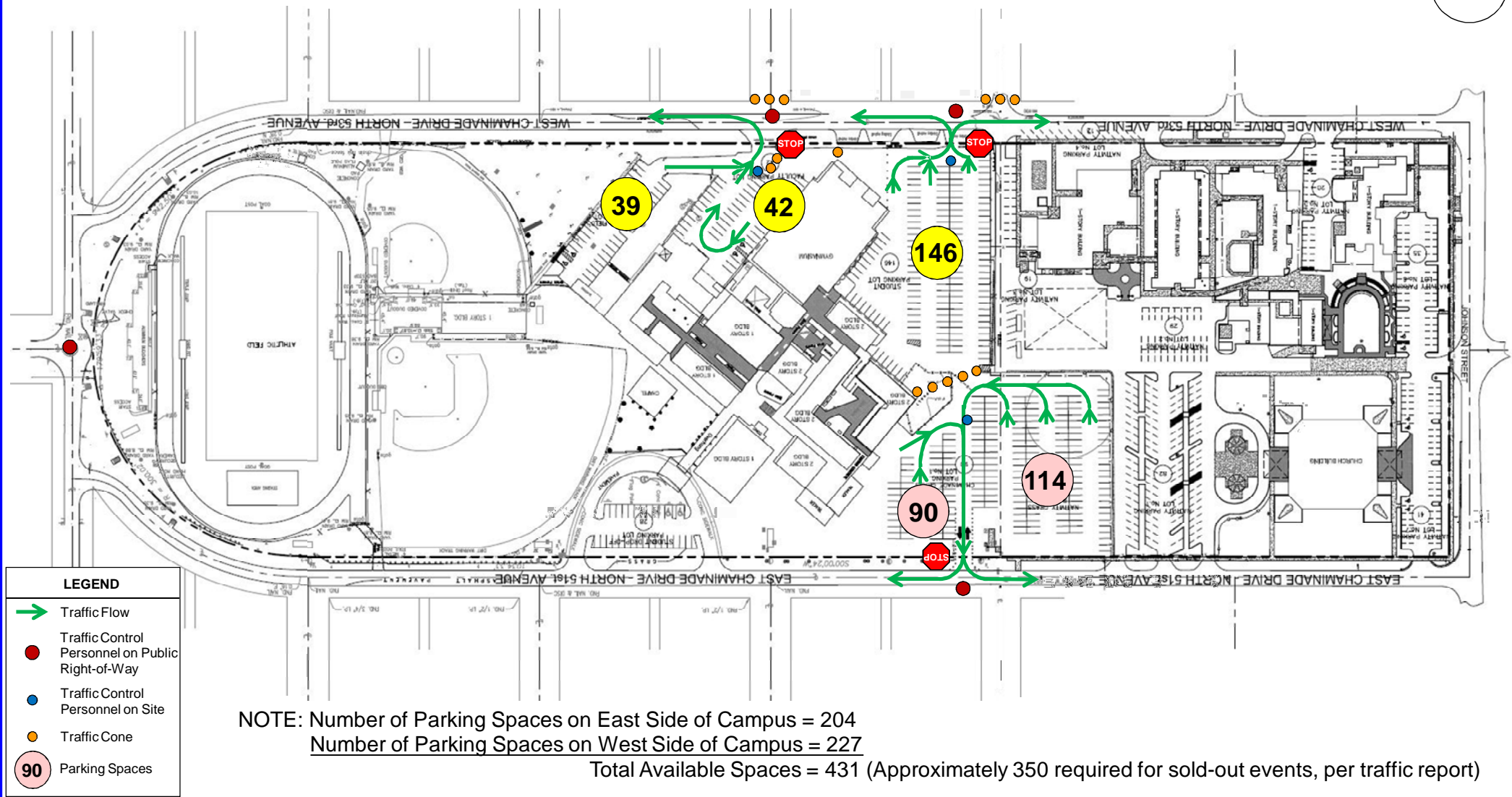
Moreover, it is recommended that the 81 parking spaces (39 plus 42) located in the southwest area of the school campus be reserved for the event teams, coaches and the two anticipated buses. These two small parking lots are located closest to the athletic field.

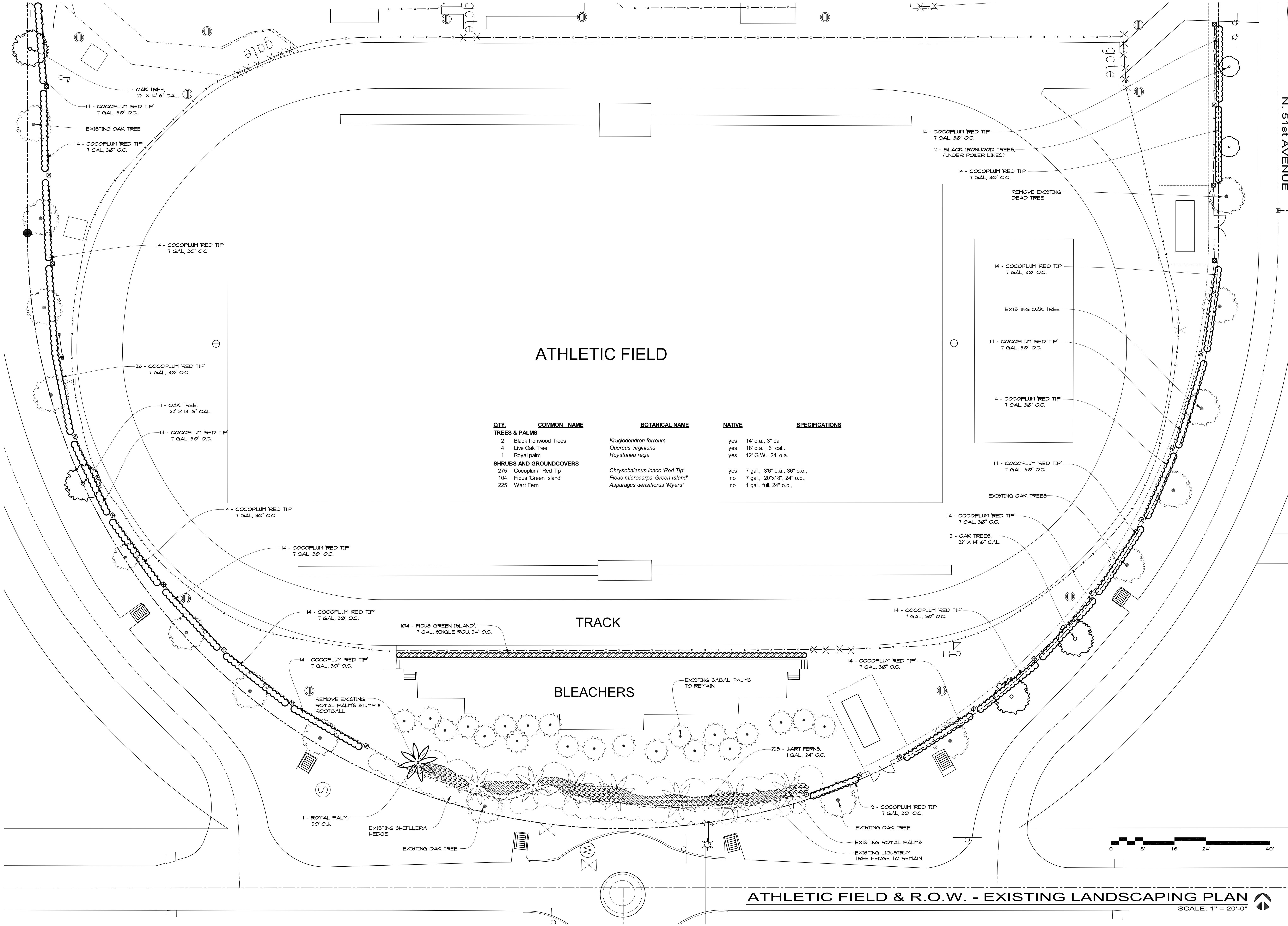
TRAFFIC MANAGEMENT PLAN

The event traffic management plan for the pre-event (inbound) and the post-event (outbound) are presented in Figures 2 and 3. As shown in the subject figures, the traffic flow is evenly distributed between East Chaminade Drive and West Chaminade Drive to minimize traffic impacts. Both the inbound and outbound traffic plans include four (4) traffic control personnel on the public streets directing traffic, three on-site individuals directing traffic within three of the four on-site parking areas, and traffic cones in order to guide traffic within the parking areas. The post-event (outbound) traffic plan also includes the temporary closure of both Pierce Street and Buchanan Street at its intersection with West Chaminade Drive in order to prevent cut-through traffic during the post-event traffic period.









| QTY. | COMMON NAME | BOTANICAL NAME | NATIVE | SPECIFICATIONS |
|--------------------------------|----------------------|--|--------|------------------------------|
| TREES & PALMS | | | | |
| 2 | Black Ironwood Trees | <i>Krugiodendron ferreum</i> | yes | 14' o.a., 3" cal. |
| 4 | Live Oak Tree | <i>Quercus virginiana</i> | yes | 18' o.a., 6" cal. |
| 1 | Royal palm | <i>Roystonea regia</i> | yes | 12' G.W., 24' o.a. |
| SHRUBS AND GROUNDCOVERS | | | | |
| 275 | Cocoplum 'Red Tip' | <i>Chrysobalanus icaco</i> 'Red Tip' | yes | 7 gal., 3'6" o.a., 36" o.c., |
| 104 | Ficus 'Green Island' | <i>Ficus microcarpa</i> 'Green Island' | no | 7 gal., 20"x18", 24" o.c., |
| 225 | Wart Fern | <i>Asparagus densiflorus</i> 'Myers' | no | 1 gal., full, 24" o.c., |

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GEOMANTIC DESIGNS, INC.
LANDSCAPE ARCHITECTURE
ROBERT PARSLEY A.S.L.A.
8005 W. 43 STREET MANALATIA, FL 33149
PHONE: 305.454.6888 FAX: 305.454.6826

LANDSCAPE
ATHLETIC FIELD BLEACHER & SOUTH R.O.W
LANDSCAPE PLANTING PLAN

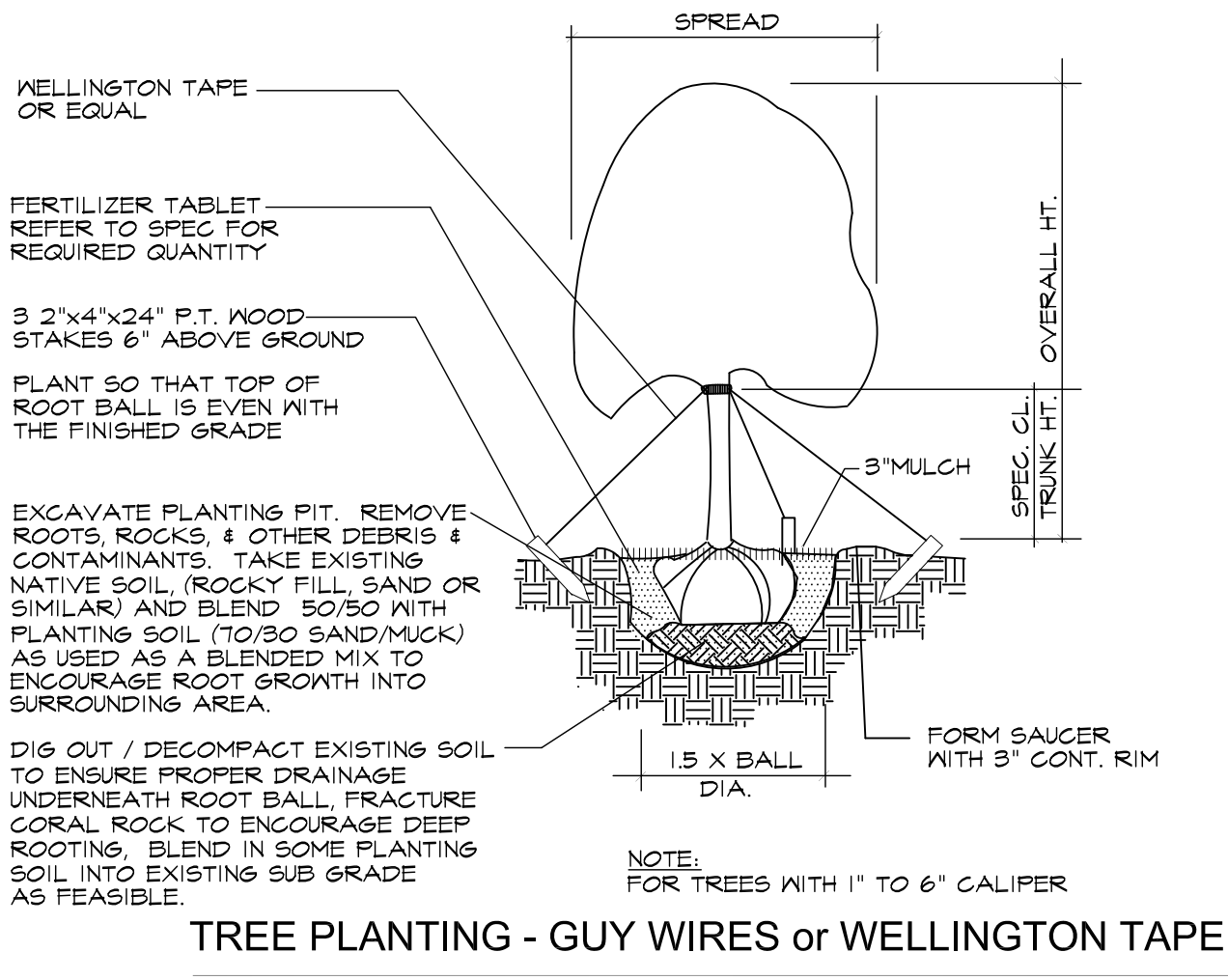
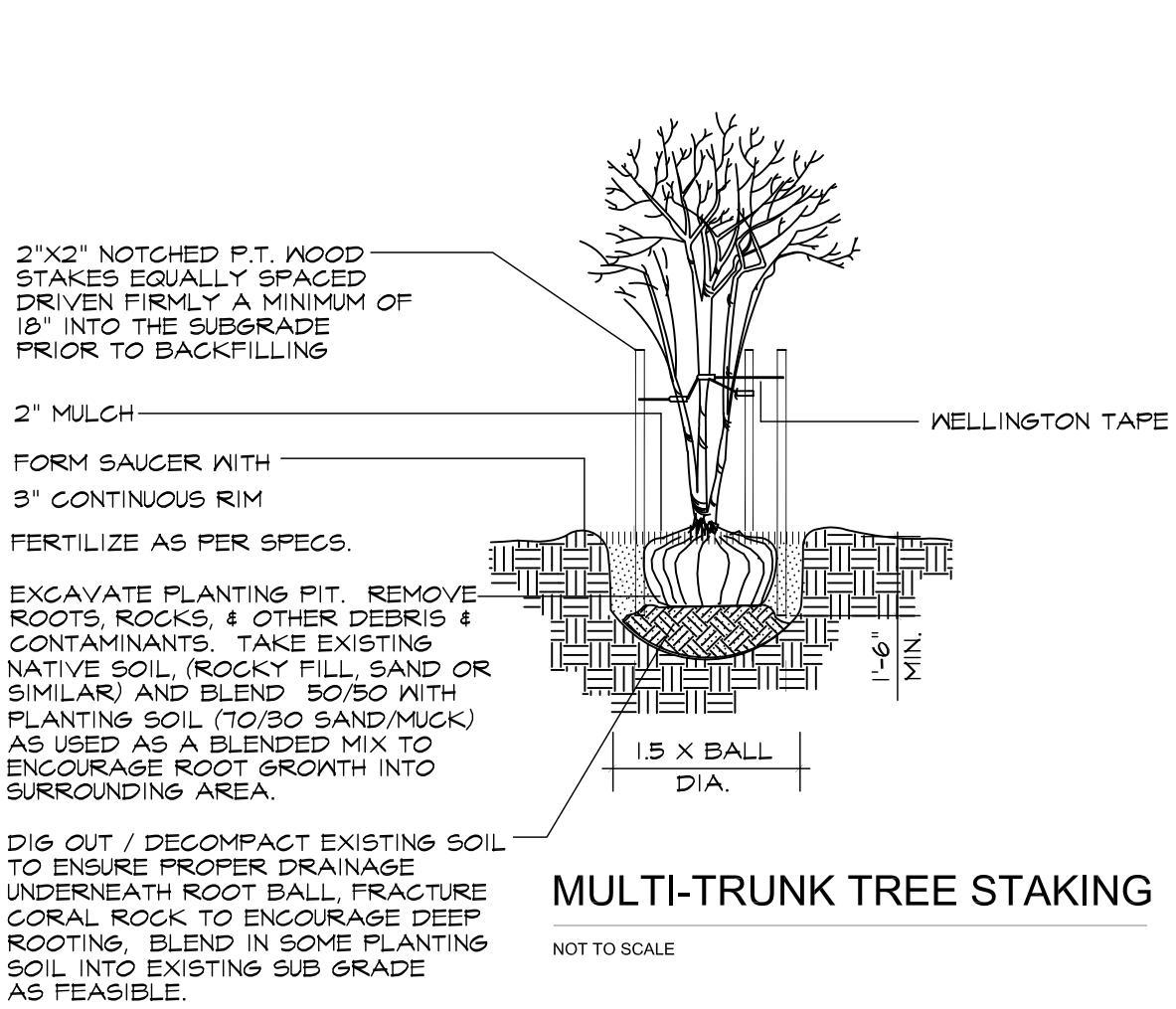
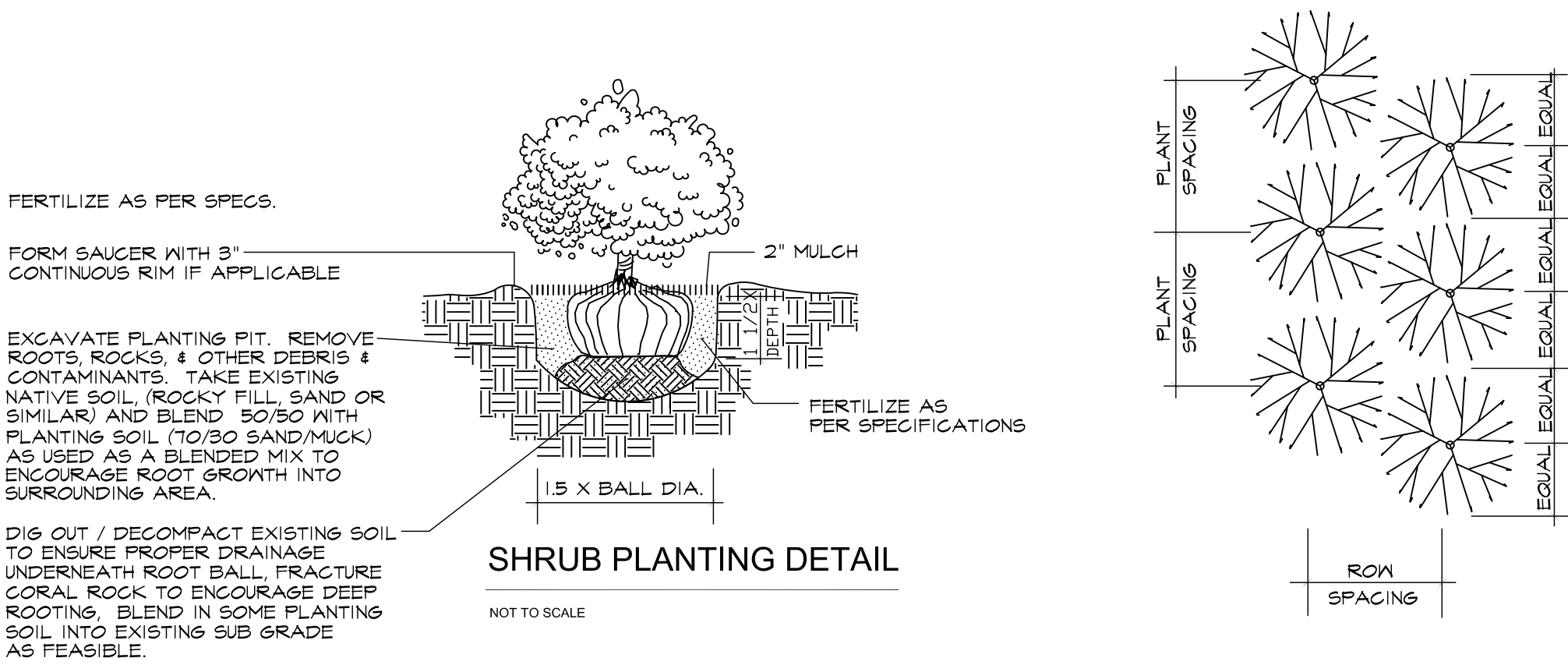
CHAMINADE MADONNA
COLLEGE PREPATORY
500 EAST CHAMINADE DRIVE, HOLLYWOOD FL 33021

PROJECT TITLE

REVISION DATE(S)

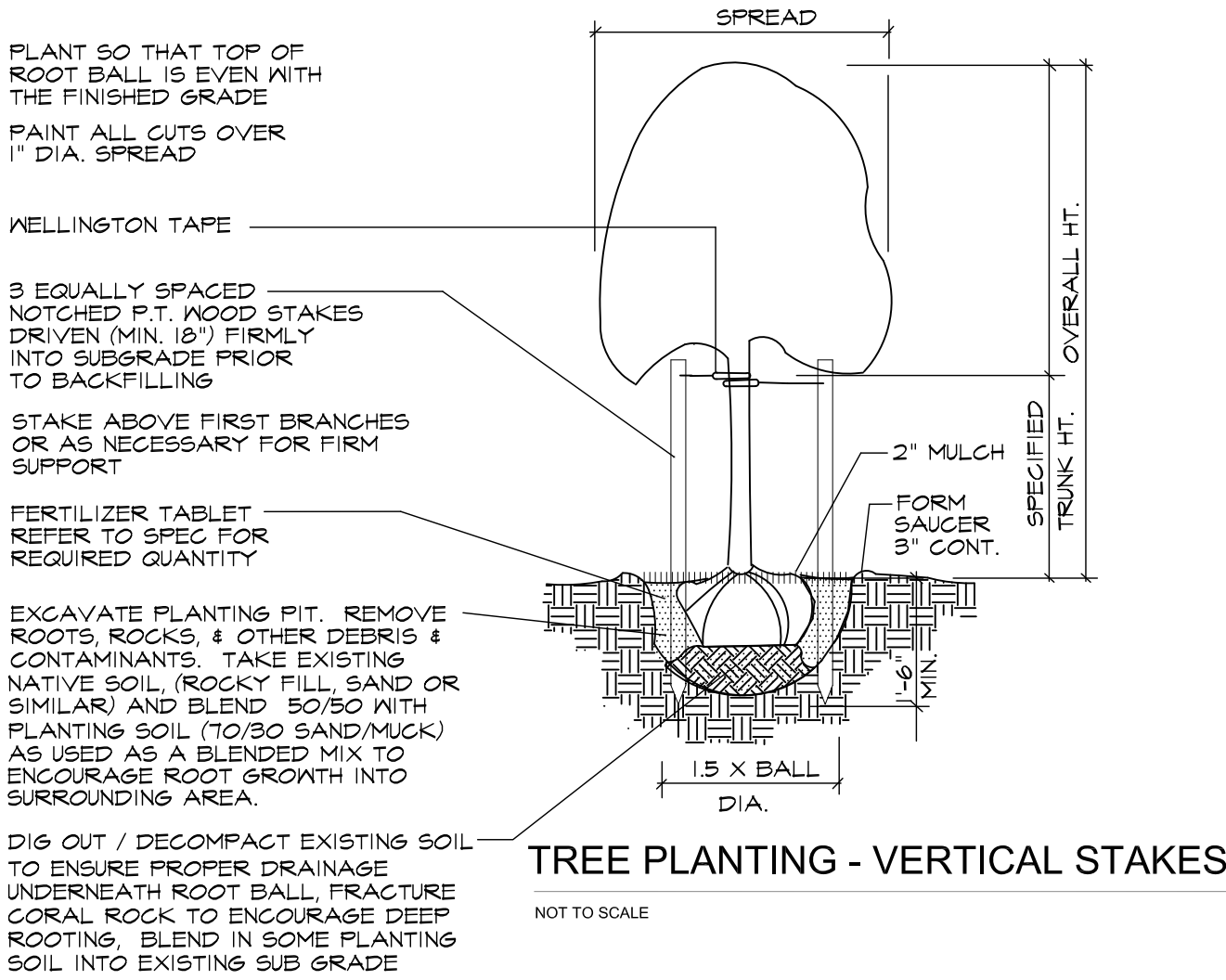
DATE: 8/8/16

LP-1

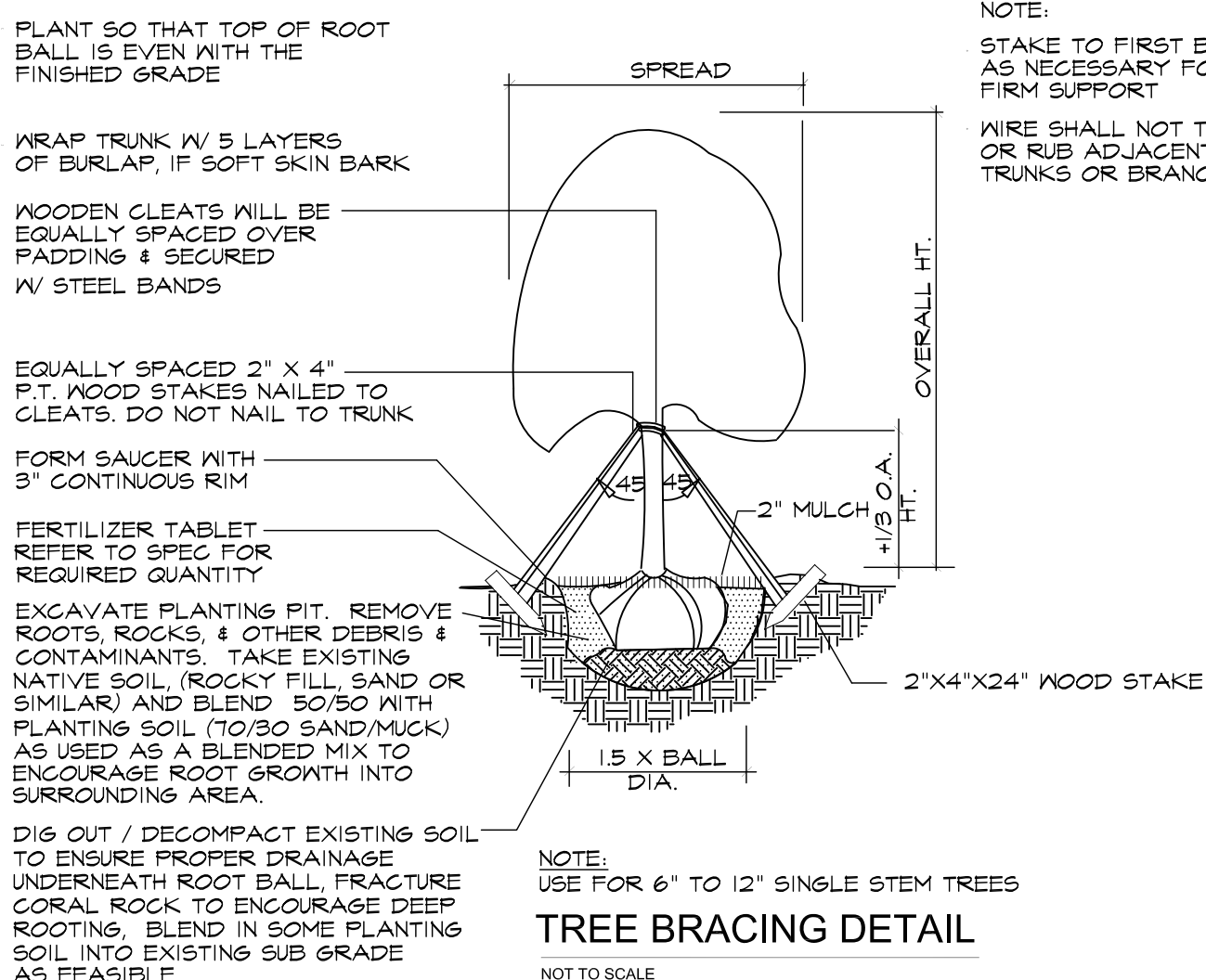


TREE PLANTING - GUY WIRES or WELLINGTON TAPE

| CALIFER | TIES | STRANDS | STAKES |
|-------------|------|---------|-----------|
| 1" - 1 1/2" | 2 | 1 # 12 | 2 - 2 x 2 |
| 1 1/2" - 2" | 3 | 1 # 12 | 3 - 2 x 2 |
| 2" - 3" | 3 | 2 # 12 | 2 - 2 x 2 |
| 3" - 6" | 3 | 2 # 12 | 3 - 2 x 2 |

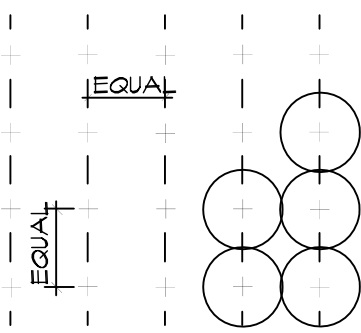


TREE PLANTING - VERTICAL STAKES



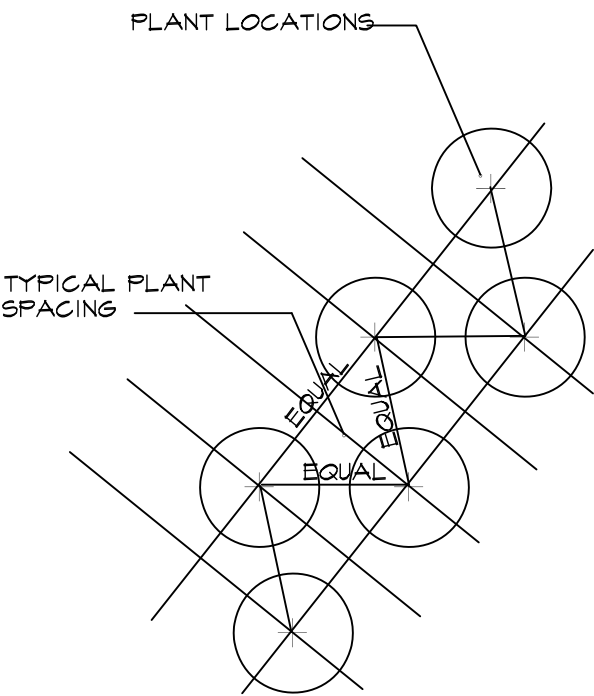
TREE BRACING DETAIL

NOTE:
IN MOST CASES TRIANGULAR
SPACING IS PREFERRED. USE
SQUARE SPACING ONLY IN
SMALL RECTILINEAR AREAS.

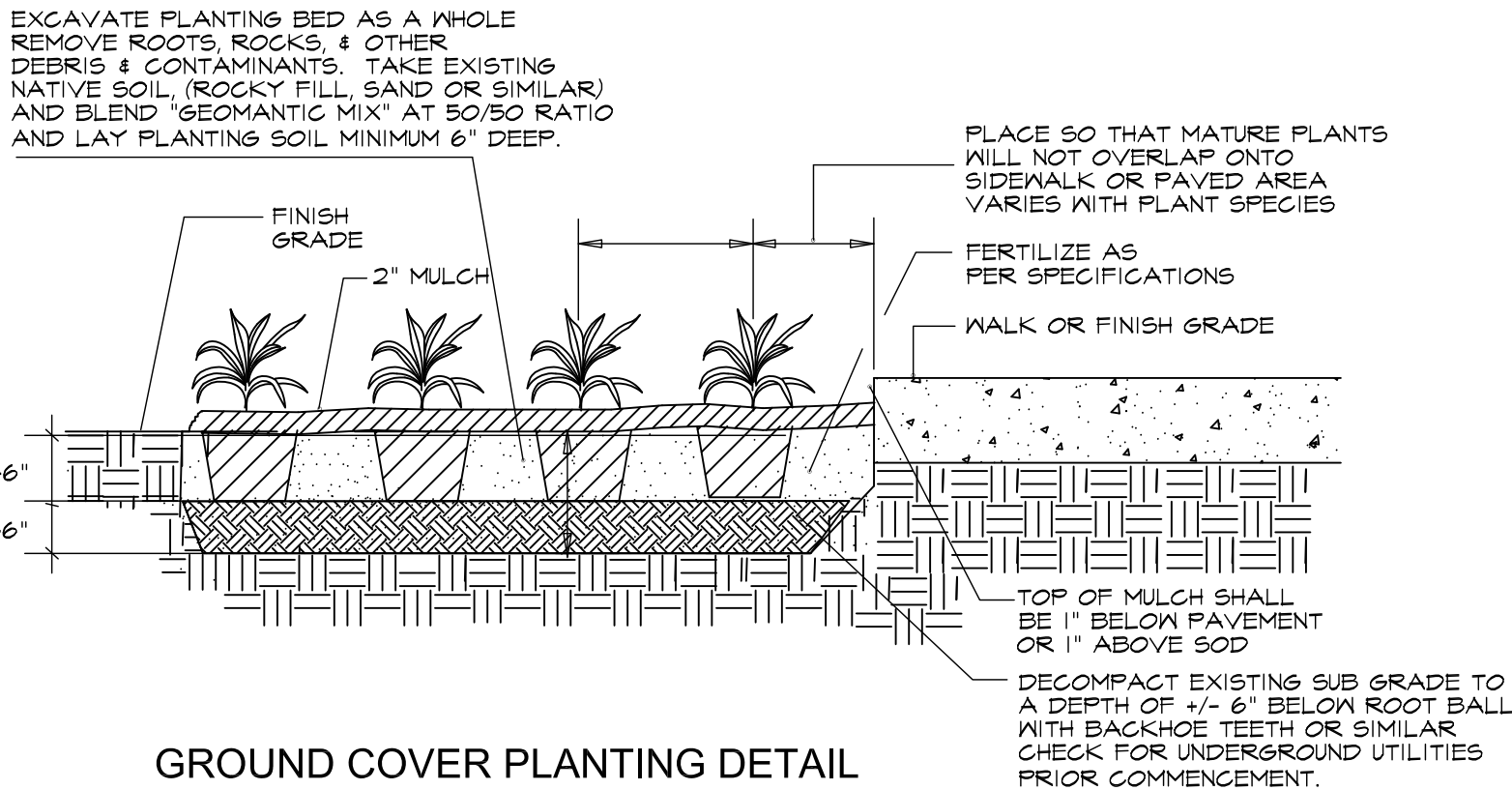


TYPICAL PLANT SPACING

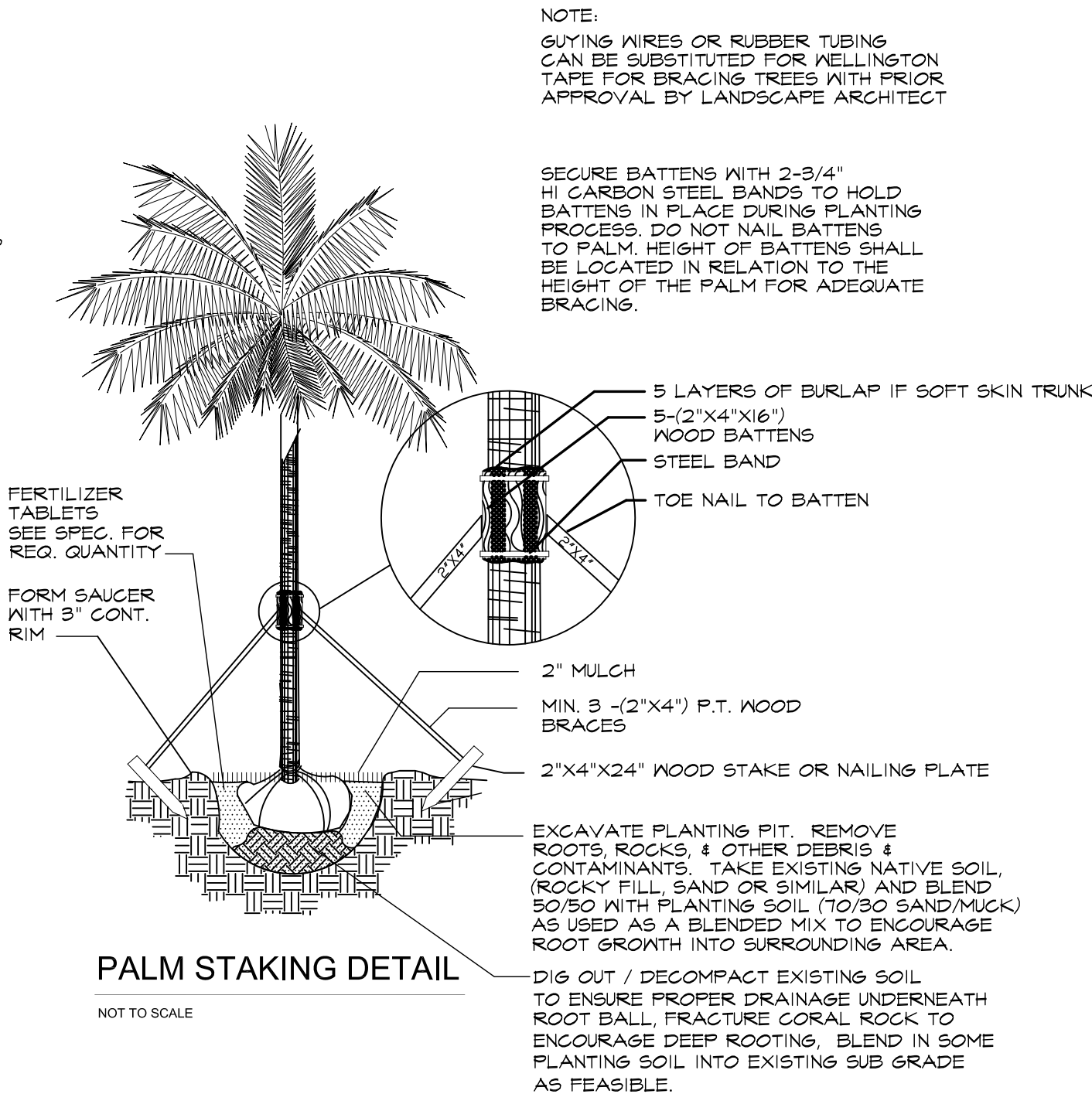
SQUARE SPACING PLAN



TRIANGULAR SPACING PLAN



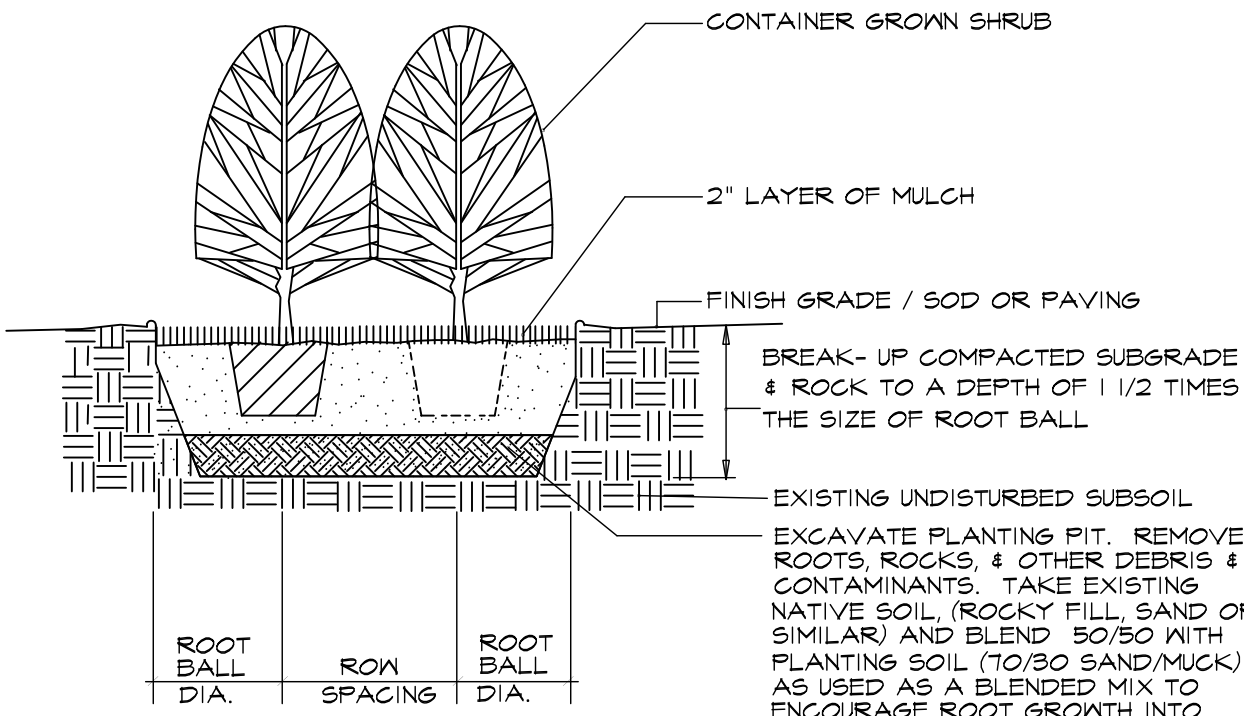
GROUND COVER PLANTING DETAIL



PALM STAKING DETAIL

PLANTING SPECIFICATIONS AND WARRANTIES

- The demolition of existing plant material must be marked with spray paint by Landscape Architect (L.A.)
- All trees and palms to be laid out by Landscape contractor in the field with stakes and spray paint. To be reviewed and approved by (L.A.)
- Plant list is for information only. If there are any discrepancies between "plant quantities" on plan versus "plant list", "the plans" will take priority. Please notify L.A. of any discrepancies
- Only unit price installed planting bids based on Landscape Architect's planting plans and plant List will be accepted. Owner retains the right to remove portions of the work from the contract and / or create separate contracts for phasing of the project. Landscape Architect reserves the right to deny any and all bids when such rejections are in the best interest of the owner.
- All plant material must be Florida #1 or better, unless specified as "character" or with written approval from L.A.
- All planting beds must be free of surface rock over 1/2" diameter, prior to mulching.
- Planting beds should receive 6" of "Geomantic Mix" planting soil. See soil specification.
- Planting soil specification: "Geomantic Mix" (20% Florida Peat, 20% Compost, 20% Lake Wales Silica sand, 20% local "screening sand" or "beach sand" and 20% Cypress Shavings), Landscape contractor to submit sample to be approved by L.A.
- Fertilize all plants with Osmocote "Sierra Blend" 18-7-10; 1/2 hand full for 1 - 3 gallons, 1 hand full for 7-20 gallon, and 4 hands full for ball and burlapped (B & B) material.
- Fertilize all B&B material with 10 "Agriform" tablets or equal.
- Mulch all landscape areas with 2-1/2" - 3" of Eucalyptus or Melaleuca mulch "Eco mulch". (No cypress or red color mulch)
- All sod areas laid with St. Augustine Palmetto to be hand raked prior to installing the sod.
- All sod areas to be top dressed with 2" of 80/20 Lake Wales silica sand/ Florida peat moss prior to sodding.
- All Plant material, excluding Sod, to be warranted as follows: Shrubs and Ground covers for 90 days, large shrubs (over 10 gal) and small palms for 180 days, and B&B material for 360 days provided that plant material is receiving proper maintenance prescribed by Landscape contractor.
Note: Hurricanes and other causes beyond the control of the Landscape contractor are not covered.
- All warranties to run concurrently, beginning upon Landscape architect's final acceptance of the installation, unless owner or general contractor (G.C.) requires construction phasing beyond control of the installer.
- Installer to notify Owner, G.C. and / or L.A. of any partial completion due to phasing.
- All materials stored on site are the property of the installer until accepted by owner. Owner is not responsible for theft, unless notified in writing prior to installation and security arrangement agreed to.
- Watering is the responsibility of the installer during the installation and until final acceptance.
- Landscape contractor is responsible for coordinating their work with Irrigation contractor.
- Landscape contractor is responsible to assure irrigation installation is properly progressing, and in the end adequate for good growth. The owner or G.C. must be notified in writing of any problems with irrigation phasing or performance.
- Any existing irrigation to be brought to a good functioning standard to ensure proper watering of new material.
- All landscape areas must be on an automatic irrigation system from time of installation, with 100% coverage and 100% overlaps, with rain sensors per city codes. No hand watering.
- Landscape contractor to exercise extreme care when digging and performing other work so not to damage any existing work such as underground and overhead utilities, (electrical, sewage, irrigation, & plumbing). In the event of planting conflicts the L.A. or Owner's authorized representative to be notified to provide alternate locations of planting or utility / obstruction conflicts.
- Landscape contractor is responsible for immediate repair of any damage caused by their installation. Landscape contractor is responsible for working with the general contractor to assure that all cementitious contaminants and other construction debris are removed from all soils.
- In planting beds, particularly by buildings, Landscape contractor to excavate existing soils to a minimum depth of 12" and backfilled with planting soil. In sod areas, Landscape contractor to decompact soil with back hoe teeth to a depth of 6" and add 2 min. of top soil for sodding.
- All circular pits to be excavated with vertical sides for all plants, except for hedges & planting beds. The diameter of these pits for trees and shrubs to be 1/3 larger than the diameter of the root ball.
- All tree pits to have the soil removed in the amount of 1/3 larger than the root ball of the tree and replaced with approved specified soil.
- All Palm tree pits to have the soil removed in the amount of 1/3 larger than the root ball of the palm and replaced with clean yellow sand.
- All Tree & Palm pits to be excavated with a backhoe only. Absolutely no use of augers.



HEDGE & MASS PLANTING DETAIL

811

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PROJECT TITLE

REVISION DATE(S)

DATE: 8/8/16

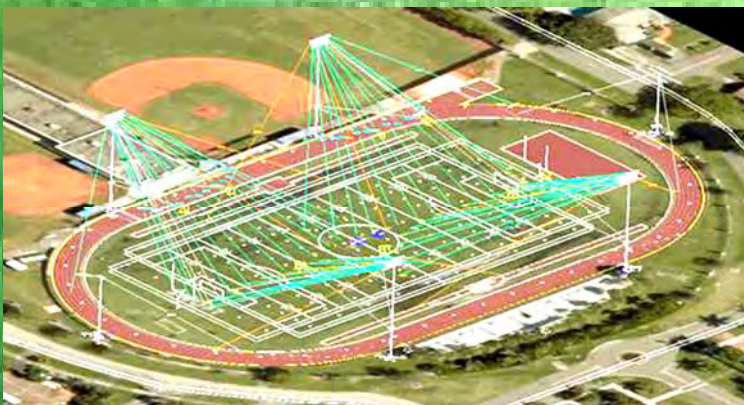
LP-2

Bleacher information

| LOCATIONS | ROWS | CAPACITY | Total | Built |
|-----------------------|------|----------|-------|--------|
| | | SEATS | | |
| Football/Soccer Field | 16 | 1149 | 1149 | Sep-03 |
| Gym | 11 | 581 X2 | 1162 | Aug-06 |
| Baseball | 5 | 124 | 124 | Sep-03 |
| Softball | 5 | 65 | 65 | Sep-03 |

CHAMINADE-MADONNA COLLEGE PREPARATORY
cordially invites you to our

Field Lighting Project Community Meeting

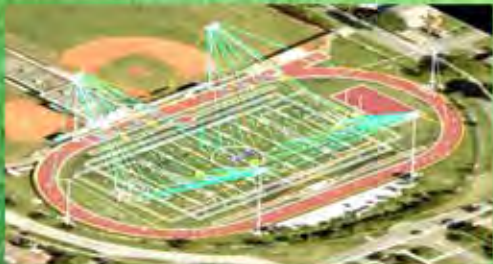


**Tuesday, September 13th, 2016
10:00 A.M. C-M Library**

- Please park in the front circle and check-in at the main office upon arrival.**

CHAMINADE-MADONNA COLLEGE PREPARATORY
cordially invites you to our

Proposed Field Lighting Project Community Meeting



**Thursday June 2nd, 2016
7:00 P.M. C-M Gymnasium**

- **School Administrators will be addressing community questions and concerns**
- **City of Hollywood Officials will be in attendance**

Dear Neighbors,

It is with great enthusiasm that I am able to announce the commencement of a process to equip Vince Zappone Field with permanent outdoor lighting. We have initiated the permit applications which are necessary to receive City approval for the installation.

Since the founding of our school 56 years ago, we have called Hollywood our home. We have successfully graduated thousands of young people who have gone on to make their mark in the world, many of them right here. We have been your neighbors, participated in civic events, offered our support to your own growth initiatives, and have both celebrated your successes and mourned your losses.

As we work through this process, we will offer opportunities for our closest community neighbors to engage in dialogue with us as well as our lighting contractor of choice. Musco Lighting is a nationally known firm that employs the latest technology to ensure that such a lighting venture is not excessively intrusive to properties contiguous to our borders. We will also continue to work closely with the City of Hollywood to ensure that traffic measures are properly implemented on game/event nights.

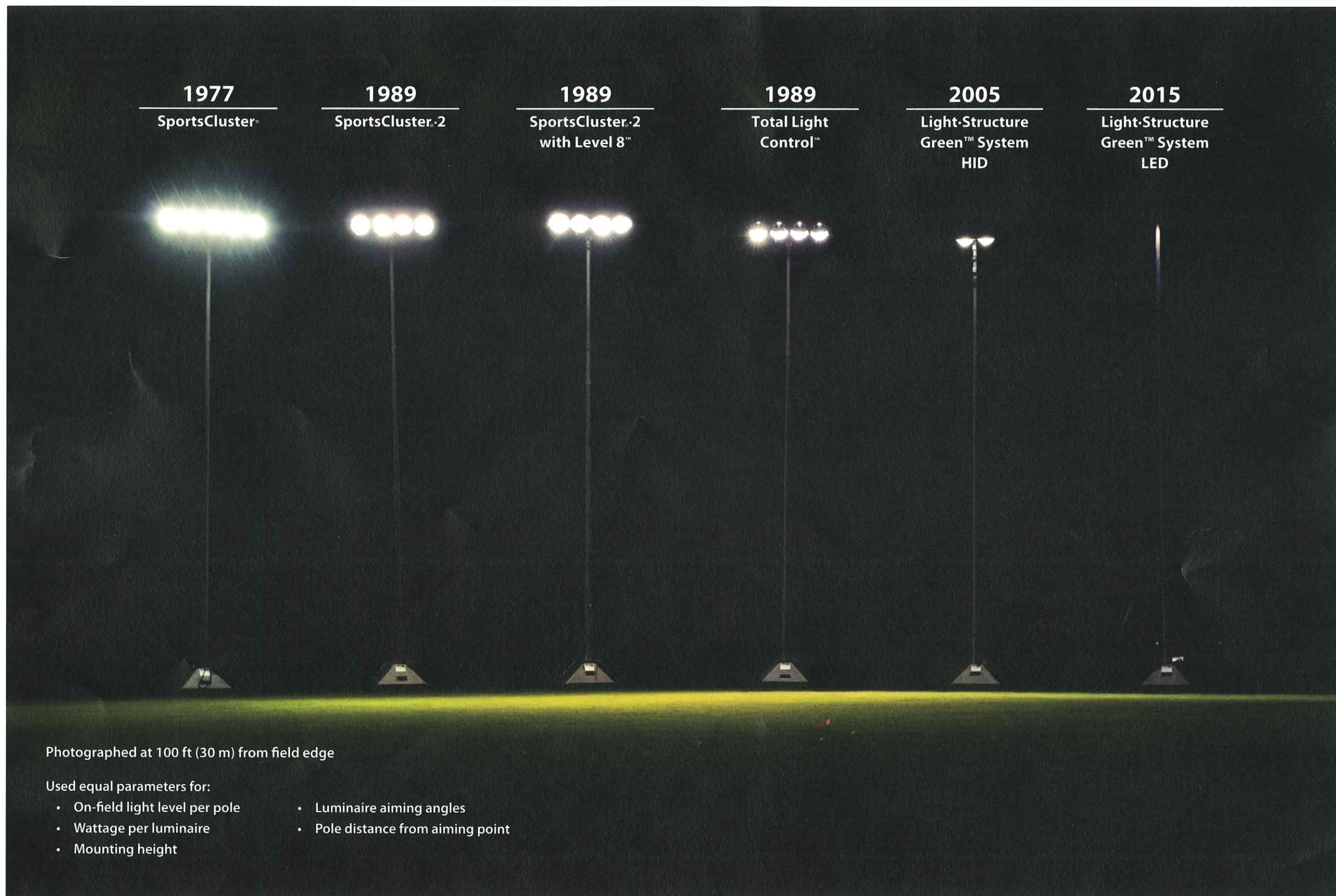
Sincerely,

A handwritten signature in black ink, reading "Judith Mucke, Ph.D.".

Judith Mucke, Ph.D.
President



CHAMINADE-MADONNA
COLLEGE PREPARATORY
500 E. Chaminade Dr.
Hollywood, FL 33021



Photographed at 100 ft (30 m) from field edge

Used equal parameters for:

- On-field light level per pole
- Wattage per luminaire
- Mounting height
- Luminaire aiming angles
- Pole distance from aiming point