





0 50 100 200  
Scale: 1"=100'

ARCHITECT

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HIGHLAND PARK HIGH SCHOOL CAMPUS

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REVISIONS

Revision No.

Director	CMA
Approver	CMA
Designer	GEC
Designer	GEC
Proj. Arch.	
Checker	RMR

PROJECT NO.

SHEET TITLE

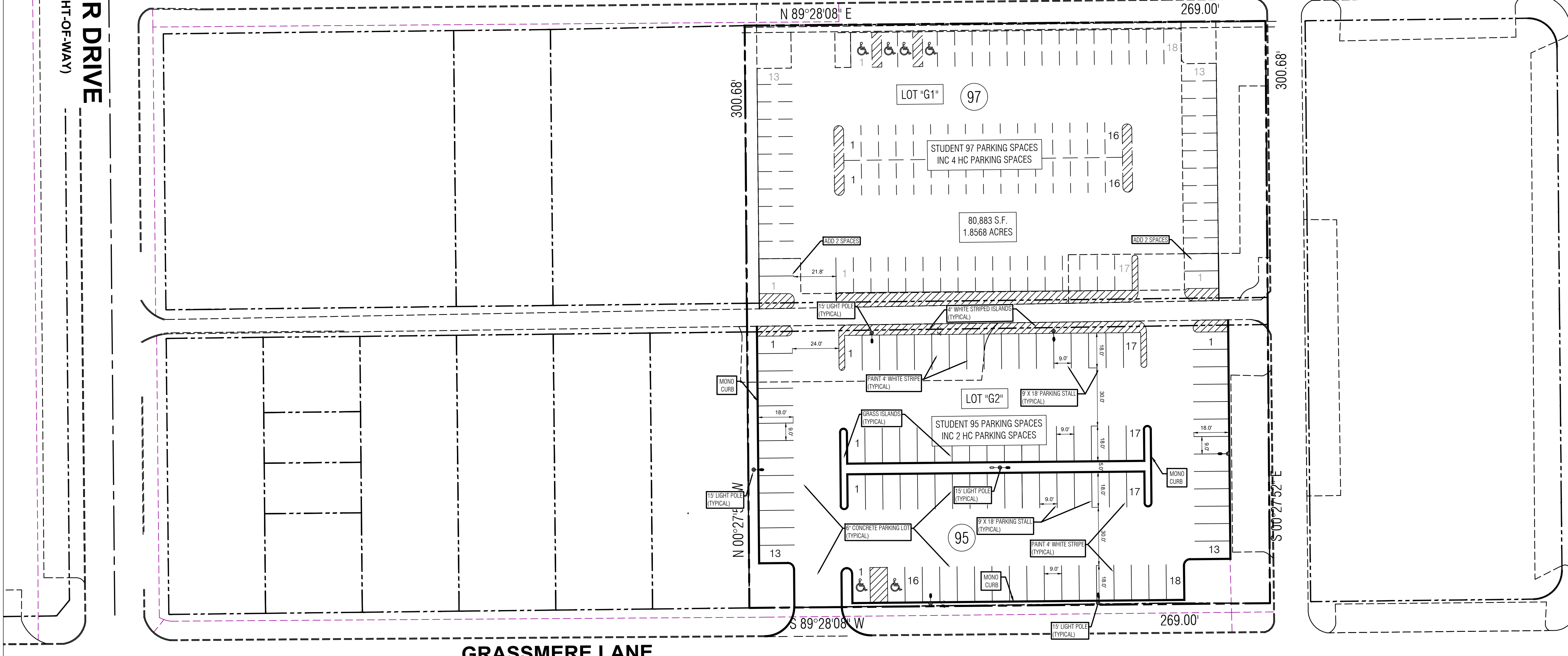
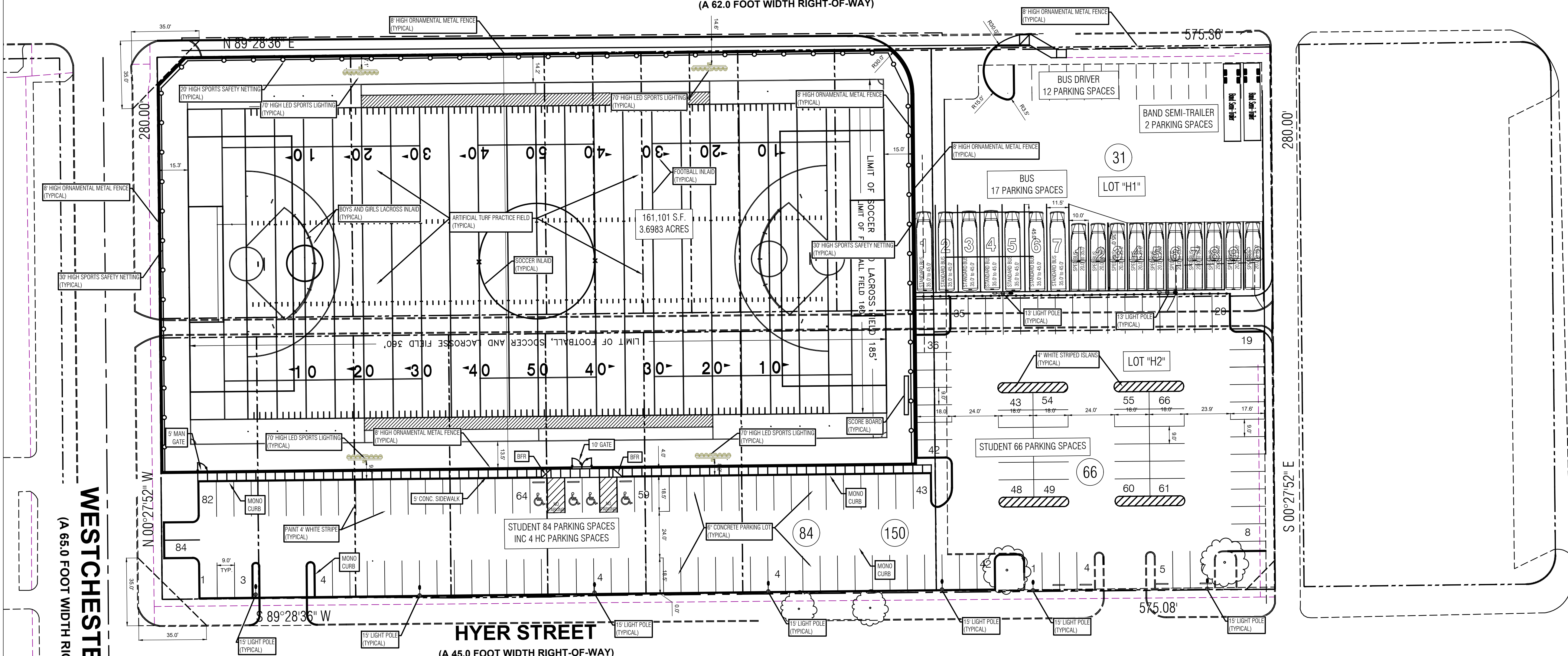
**OVERALL SITE PLAN**

SHEET NO.

**C03.00**

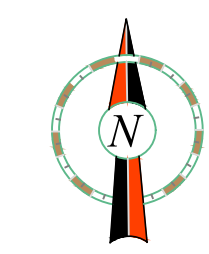
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(A 62.0 FOOT WIDTH RIGHT-OF-WAY)

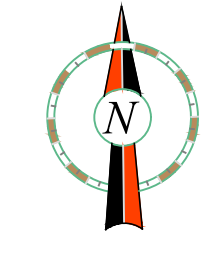


**WESTCHESTER DRIVE**  
(A 65.0 FOOT WIDTH RIGHT-OF-WAY)

**PRESTON ROAD**  
(A 65.0 FOOT WIDTH RIGHT-OF-WAY)



0 15 30 60  
Scale: 1"=30'



0 15 30 60  
Scale: 1"=30'

EXISTING STUDENT PARKING  
(INCLUDING HANDICAP SPACES)

LOT "H1"	59 SPACES
LOT "H2"	47 SPACES
LOT "G1"	98 SPACES
<b>TOTAL PARKING IN 3 LOTS</b>	<b>204 SPACES</b>

PROPOSED STUDENT PARKING  
(INCLUDING HANDICAP SPACES)

LOT "H1" TO BUS LOT	-59 SPACES
LOT "H2" RECONFIGURATION	150 SPACES
LOT "G1" RECONFIGURATION	97 SPACES
LOT "G2" (NEW GRASSMERE LOT)	95 SPACES
<b>TOTAL PARKING</b>	<b>342 SPACES</b>
<b>NET INCREASE</b>	<b>283 SPACES</b>



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Designer GEC  
Designer GEC  
Proj. Arch. RMR  
Checker RMR

PROJECT NO.

SHEET TITLE

**DETAILED SITE PLAN**

SHEET NO.

**C03.01**

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HIGHLAND PARK I.S.D.  
CITY OF UNIVERSITY PARK, TX

**HIGHLAND PARK HIGH SCHOOL**

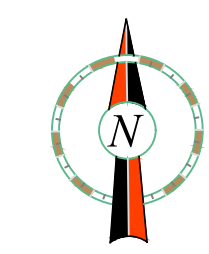
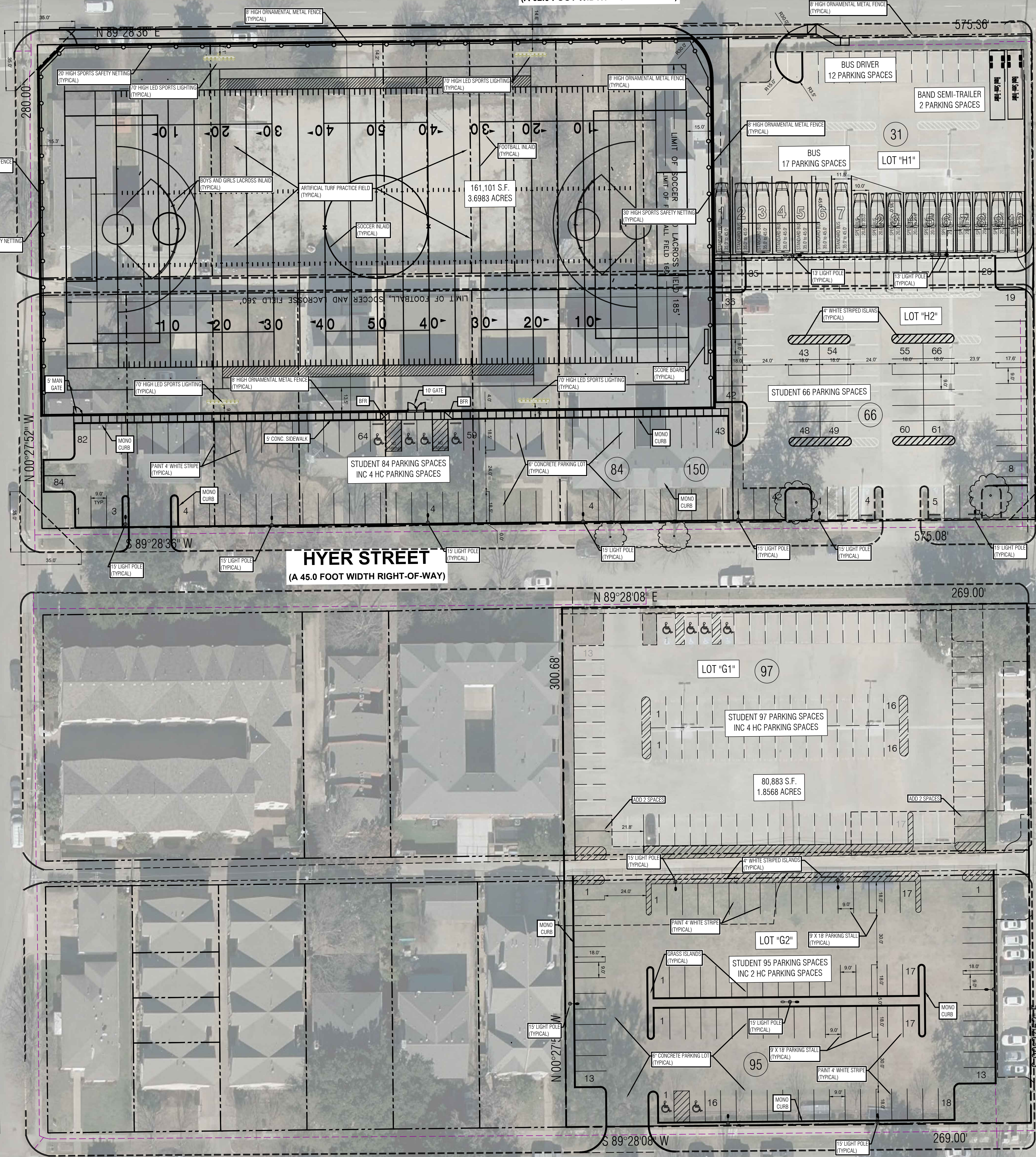
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(A 62.0 FOOT WIDTH RIGHT-OF-WAY)

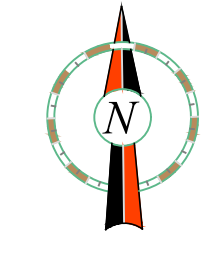
**WESTCHESTER DRIVE**  
(A 65.0 FOOT WIDTH RIGHT-OF-WAY)

**PRESTON ROAD**  
(A 65.0 FOOT WIDTH RIGHT-OF-WAY)

**GRASSMERE LANE**



0 15 30 60  
Scale: 1"=30'



0 15 30 60  
Scale: 1"=30'



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Checker: RMR

PROJECT NO.

**SHEET TITLE**

**DETAILED SITE PLAN**

SHEET NO.

**C03.01**

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HIGHLAND PARK I.S.D.  
CITY OF UNIVERSITY PARK, TX

**HIGHLAND PARK HIGH SCHOOL**

**LOVERS LANE**

(A 62.0 FOOT WIDTH RIGHT-OF-WAY)

**LEGEND**

**PHASE ONE AREA - DEMOLITION OF BUILDING AND PAVING MAY 26 - JULY 26** ----

**PHASE 2 AREA JUNE 1ST 2026 - AUG 15TH PARKING LOTS.** ----

**PHASE 3 AREA AUG. 15TH - SEPT. 1ST ALLEY DEMO AND WATER LINE RELOCATION.** ----

**PHASE 4A AREA SEPT 1. - FEB. 1ST 2027 - TURF FIELD AND PARKING LOT.** ----

**PHASE 4B AREA SEPT 1. - FEB. 1ST 2027 - BUS PARKING LOT.** ----

- D) Phasing
- Prepare plans for Phasing.
- 1) Phase 1 - Demo of Buildings - to start as soon as possible after buildings are unoccupied.
  - 2) Phase 2 -
    - a) Construct Parking Lot in old grass practice field. - To start as soon as field is no longer needed by Athletics.
    - b) Construct connection between parking lots. (Striping)
  - 3) Phase 3 - Alley paving and Utility removal with Water Line Relocation. Removal of Public and franchise utilities. This process can begin as soon as the buildings are no longer occupied. Relocation of water line along the north right of way of Hyer Street.
  - 4) Phase 4A - New Parking lot and Artificial Turf Field. - To start immediately after completion of utility removal and relocation of the waterline.
  - 5) Phase 4B - Bus Parking Lot. The existing parking lot will be needed for a staging area during the construction of the parking lot and turf field. It's completion will coincide with the Turf practice Field and Parking Lot.

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HIGHLAND PARK HIGH SCHOOL CAMPUS

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Checker	RMR

PROJECT NO.

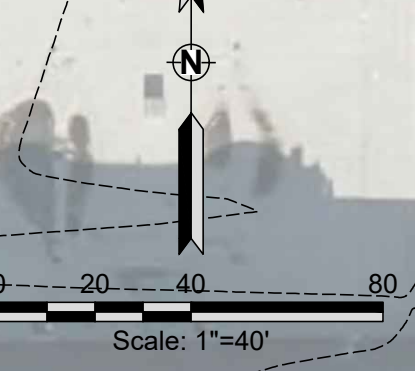
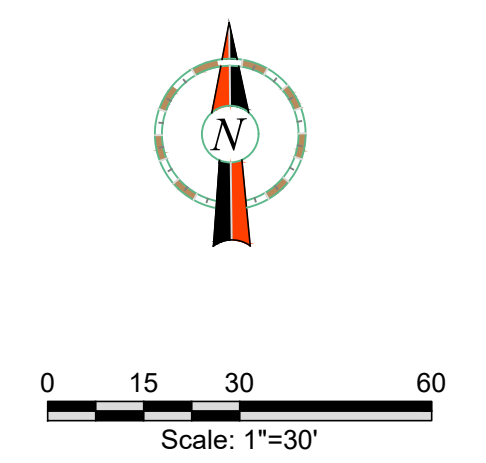
SHEET TITLE

**PHASING PLAN 1**

SHEET NO.

**C03.10**

**PRESTON ROAD**  
(A 65.0 FOOT WIDTH RIGHT-OF-WAY)



**WESTCHESTER DRIVE**  
(A 65.0 FOOT WIDTH RIGHT-OF-WAY)

**HYER STREET**  
(A 45.0 FOOT WIDTH RIGHT-OF-WAY)

**PHASE 1**

**PHASE 4B**

**PHASE 3**

**PHASE 1**

**PHASE 3**

**PHASE 2**

**PHASE 2**

**GRASSMERE LANE**

N 89°28'08" E

269.00'

300.68'

98

N 00°27'15" W

S 89°28'08" W

269.00'

566

59

566

564

562

**LOVERS LANE**

(A 62.0 FOOT WIDTH RIGHT-OF-WAY)

**LEGEND**

**PHASE ONE AREA - DEMOLITION OF BUILDING AND PAVING MAY 26 - JULY 26**

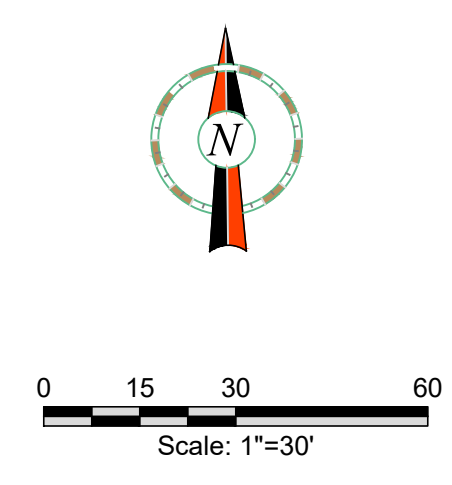
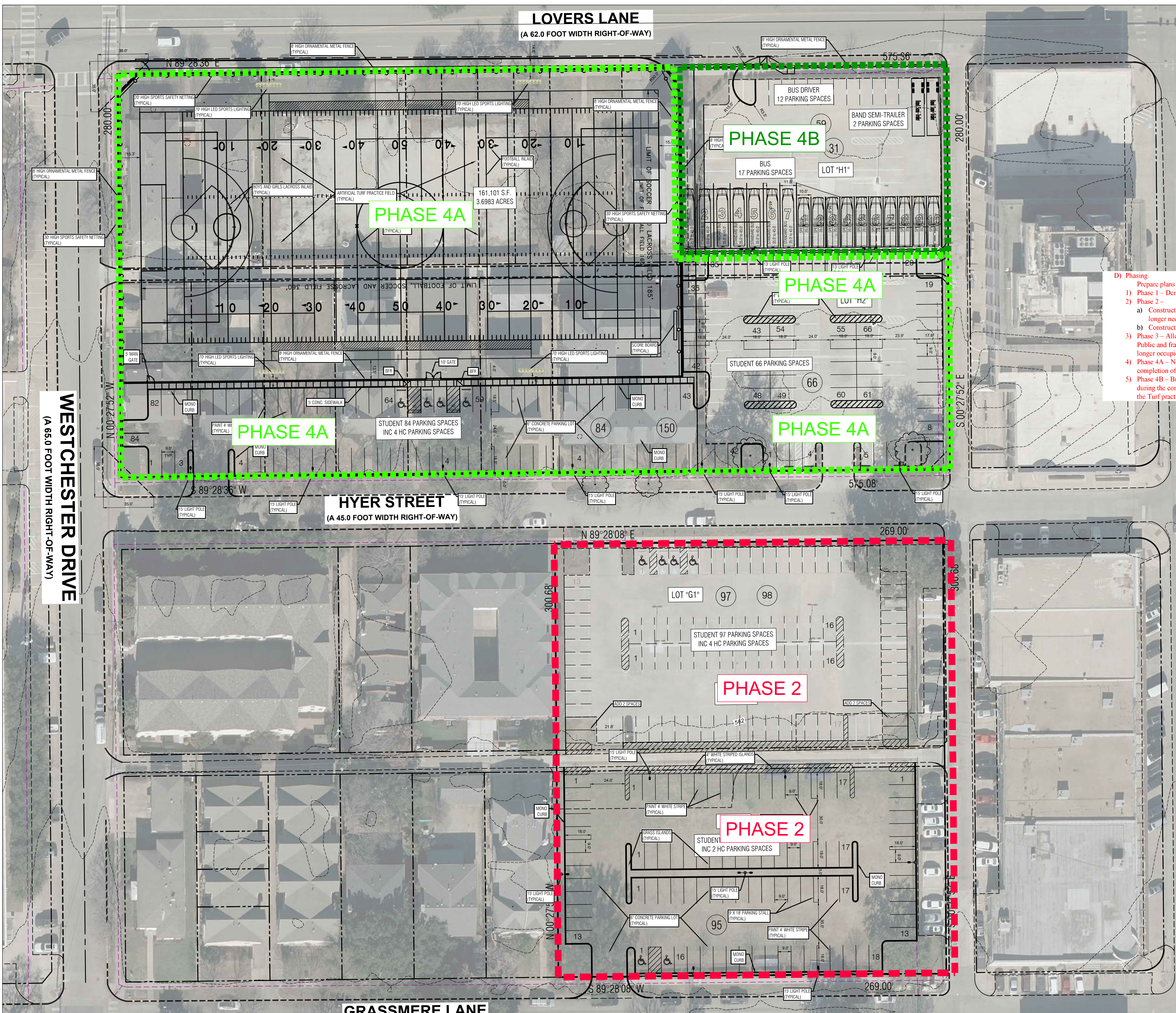
**PHASE 2 AREA JUNE 1ST 2026 - AUG 15TH PARKING LOTS.**

**PHASE 3 AREA AUG. 15TH - SEPT. 1ST ALLEY DEMO AND WATER LINE RELOCATION.**

**PHASE 4A AREA SEPT 1. - FEB. 1ST 2027 - TURF FIELD AND PARKING LOT.**

**PHASE 4B AREA SEPT 1. - FEB. 1ST 2027 - BUS PARKING LOT.**

- D) Phasing:**  
 Prepare plans for Phasing.
- 1) Phase 1 - Demo of Buildings - to start as soon as possible after buildings are unoccupied.
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HIGHLAND PARK HIGH SCHOOL CAMPUS

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**REVISIONS**

Revision No.	Description

Director	CMA
Approver	CMA
Designer	GEC
Designer	GEC
Proj. Arch.	RMR
Checker	RMR

PROJECT NO.

SHEET TITLE  
**PHASING PLAN 2**

SHEET NO.

**C03.11**

HIGHLAND PARK I.S.D.  
 CITY OF UNIVERSITY PARK, TX

**HIGHLAND PARK HIGH SCHOOL**

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REVISIONS	
Revision No.	
Director	CMA
Approver	CMA
Designer	GEC
Designer	GEC
Proj. Arch.	
Checker	RMR

PROJECT NO.	
SHEET TITLE	
OVERALL LANDSCAPE PLAN	
SHEET NO.	

**L01.00**

LANDSCAPE SCHEDULE					
USE	SYMBOL	COMMON NAME	MINIMUM SIZE/ HEIGHT/SPREAD	QUANTITIES	COMMENTS
SHRUBS	○	NEEDLE POINT HOLLY <i>Ilex Cornuta "Needle Point"</i>	HEIGHT/SPREAD RATIO = 3:2 24"x16" HT. MIN.	323 EA.	SEE LANDSCAPE PLAN AND ASSOCIATED DETAILS FOR LANDSCAPE BED LOCATIONS AND SHRUB SPACING
PARKING ISLAND TREES	⊗	CRAPE MYRTLE <i>Lagerstroemia Indica</i>	3" CALIPER (TOTAL) 6" HT.	0 EA.	SEE LANDSCAPE PLAN AND ASSOCIATED DETAILS FOR TREE PLACEMENT, AND PLANTING SPECIFICATIONS
	⊗	LIVE OAK <i>Quercus Phellos</i>	3" CALIPER 12" HT.	9 EA.	CONTRACTOR TO VERIFY TREE TYPE, LOCATION, SIZE, HEIGHT, AND SPREAD WITH OT REPRESENTATIVE PRIOR TO INSTALLATION
FLL TREES	⊗	CHINESE PISTACHE <i>Pistacia Chinesis</i>	3" CALIPER 12" HT.	0 EA.	
MISC.	◆◆◆	ARTIFICIAL TURF		82,478 S.F.	
	▨	COMMON BERMUDA GRASS		4,810 S.F.	

- IRRIGATION NOTES:**
- Contractor shall provide an irrigation system for the trees and shrubs based on specification section 32 80 00 Irrigation Specification. Also a single row of heads around the perimeter of the track.
  - Contractor shall extend the existing irrigation system at the existing parking lots to new landscaping.

**SOLID SOD NOTES**

- Fine grade areas to achieve final contours indicated. Leave areas to receive bed preparation 6" below final desired grade in planting areas and 3" below final grade in turf areas.
- Adjust contours to achieve positive drainage away from buildings. Provide uniform rounding at top and bottom of slopes and other breaks in grade. Correct irregularities and areas where water may stand.
- All lawn areas to receive solid sod shall be left in a maximum of 3" below final finish grade.
- All lawn areas to be fine graded, irrigation trenches completely settled, and finish grade approved by the Owner's Construction Manager or Architect prior to fine grading.
- All compacted soil shall be ripped and scarified to a minimum depth of 6" prior to fine grading.
- All rocks 3/4" diameter and larger, dirt clods, sticks, concrete spalls, etc. shall be removed prior to placing topsoil and any lawn installation.
- On site topsoil can be utilized for lawn area and planting bed backfill. If on-site topsoil is not sufficient enough to cover required areas, imported topsoil shall be brought in.
- When on-site topsoil is utilized, all rock, debris, stick, dirt clods etc. shall be removed.
- Plant sod by hand to cover indicated area completely. Insure edges of sod are touching. Top dress joints by hand with topsoil to fill voids.
- Roll grass areas to achieve a smooth, even surface, free from unnatural undulations.
- Water sod thoroughly as sod operation progresses.
- Contractor shall maintain all lawn areas until final acceptance. This shall include, but not limited to: mowing, watering, weeding, cultivating, cleaning and replacing dead or bare areas to keep plants in a vigorous, healthy condition.
- Contractor shall guarantee establishment of an acceptable turf area and shall provide replacement from local supply if necessary.

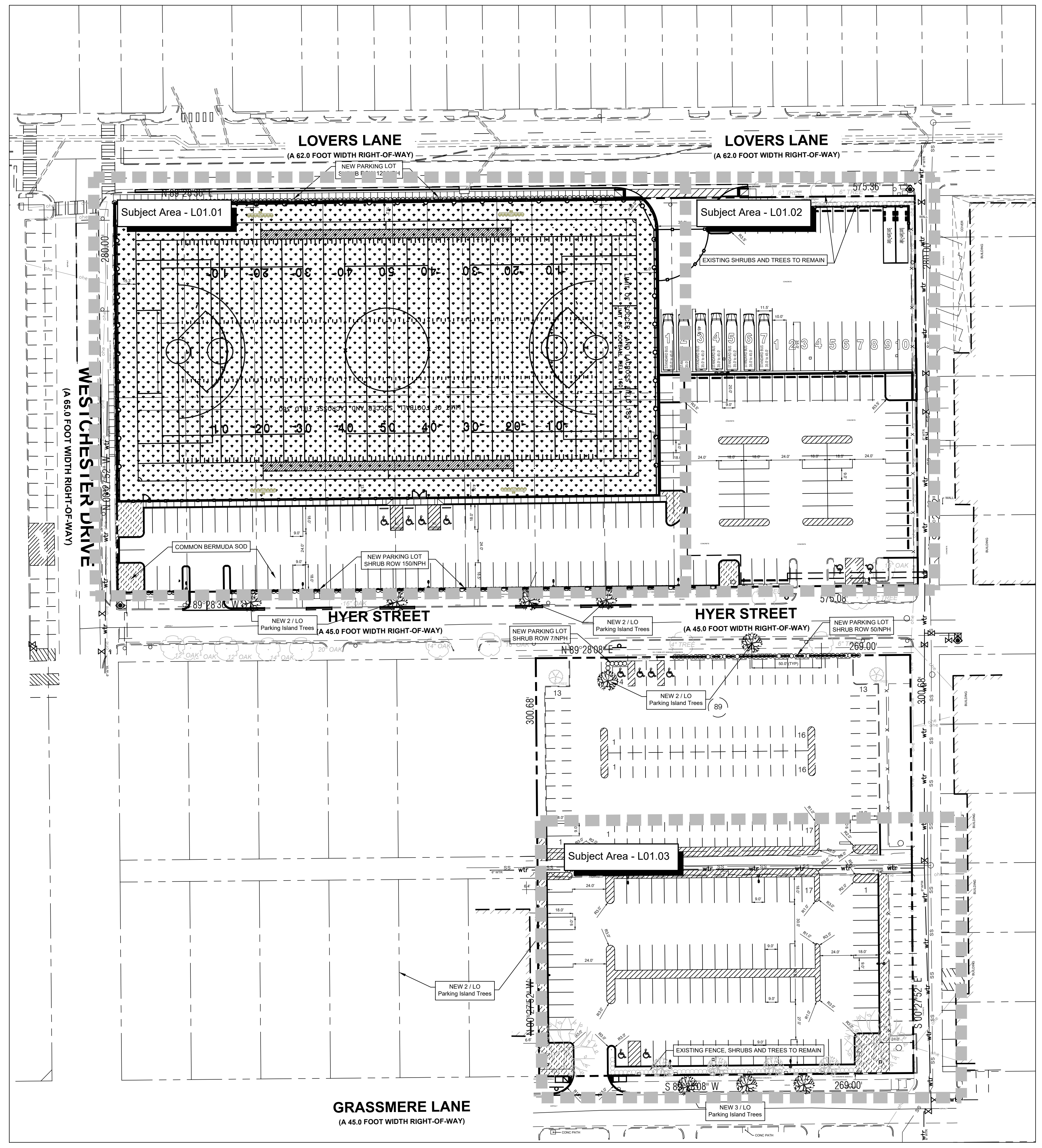
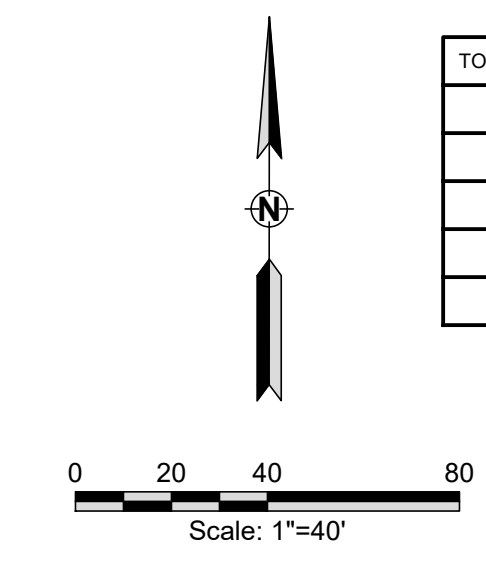
**MAINTENANCE NOTES**

- The Owner, tenant and their agent, if any, shall be jointly and severally responsible for the maintenance of all landscape.
- All landscape shall be maintained in a neat and orderly manner at all times. This shall include mowing, edging, pruning, fertilizing, watering, weeding and other such activities common to landscape maintenance.
- All landscape areas shall be kept free of trash, litter, weeds and other such material or plants not part of this plan.
- All plant material shall be maintained in a healthy and growing condition as is appropriate for the season of the year.
- All plant material which dies shall be replaced with plant material of equal or better value.
- Contractor shall provide separate bid proposal for one year's maintenance to begin after final acceptance.

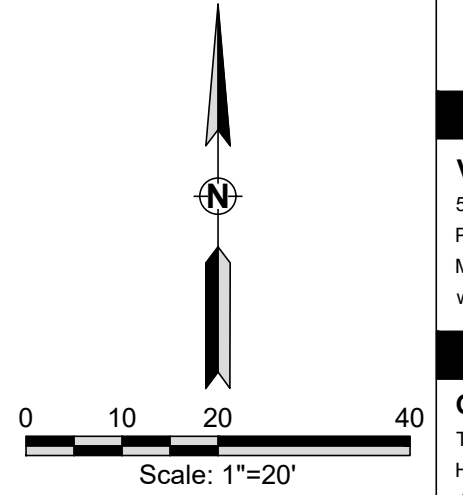
**LANDSCAPE NOTES**

- Contractor shall verify all existing and proposed site elements and notify Architect of any discrepancies. Survey data of existing conditions was supplied by others.
- Contractor shall locate all existing underground utilities and notify Architect of any conflicts. Contractor shall exercise caution when working in the vicinity of underground utilities.
- Contractor is responsible for obtaining all required landscape and irrigation permits.
- Contractor to provide a minimum 2% slope away from all structures.
- All planting beds and lawn areas to be separated by Bend-A-Board Edging. No steel to be installed adjacent to sidewalks or curbs.
- All lawn areas to be Solid Sod "Turf" Bermudagrass, unless otherwise noted on the drawings.

TOTAL STUDENT PARKING (MINUS HANDICAP SPACES)	
SOUTH FIELD LOT	82 SPACES
LOT "H" RECONFIGURATION	23 SPACES
LOT "H" TO BUS LOT	-59 SPACES
GRASSMERE LOT	92 SPACES
NET INCREASE	138 SPACES



Mar 05, 2026 - 3:06pm  
 D:\Public\2026 Projects\Highland Park\Highland Park High School\BIDSET\2026 HP HS PARKING AND TURF ENG.dwg



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Approver CMA  
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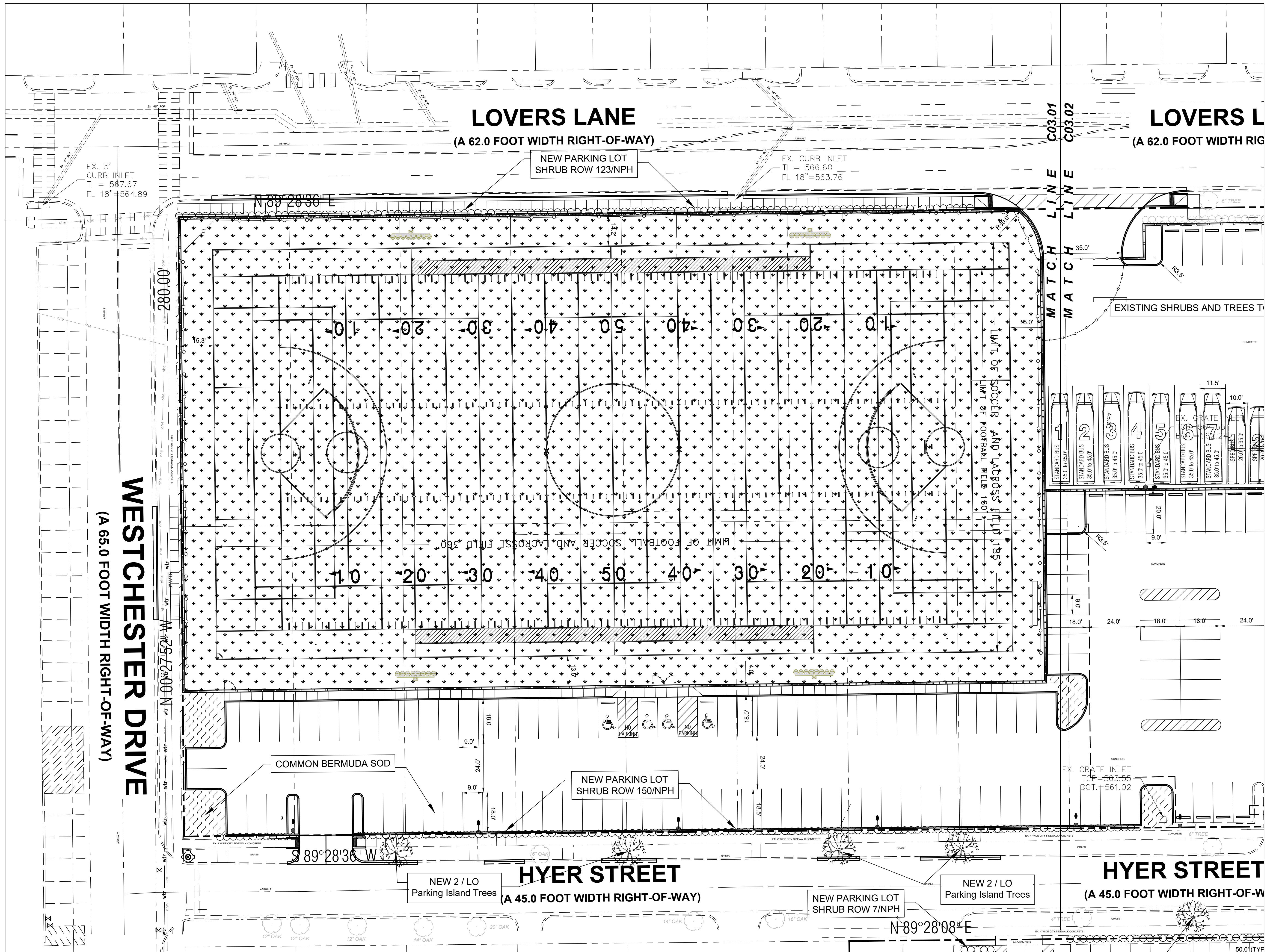
PROJECT NO.

SHEET TITLE

LANDSCAPE PLAN - WEST

SHEET NO.

L01.01



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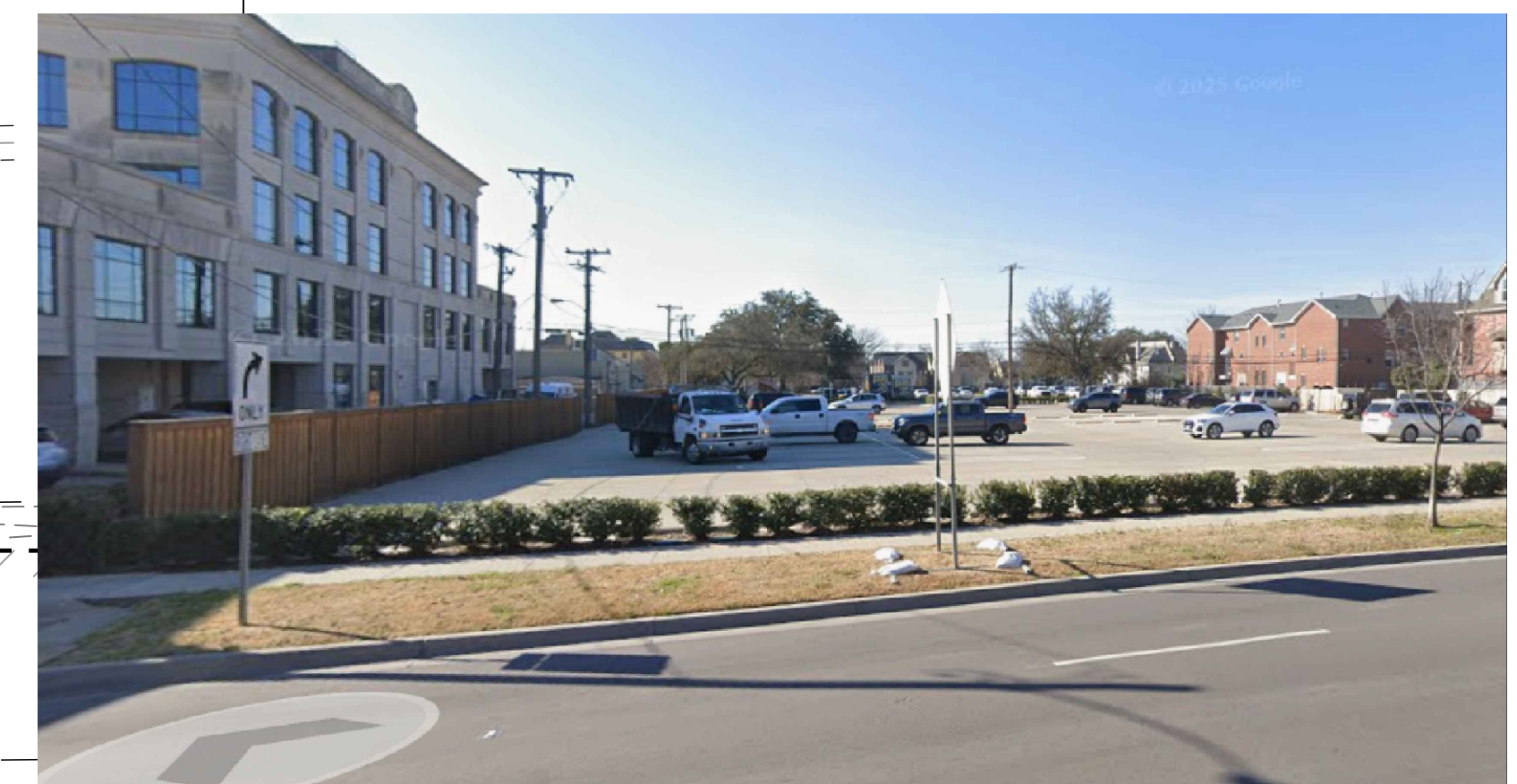
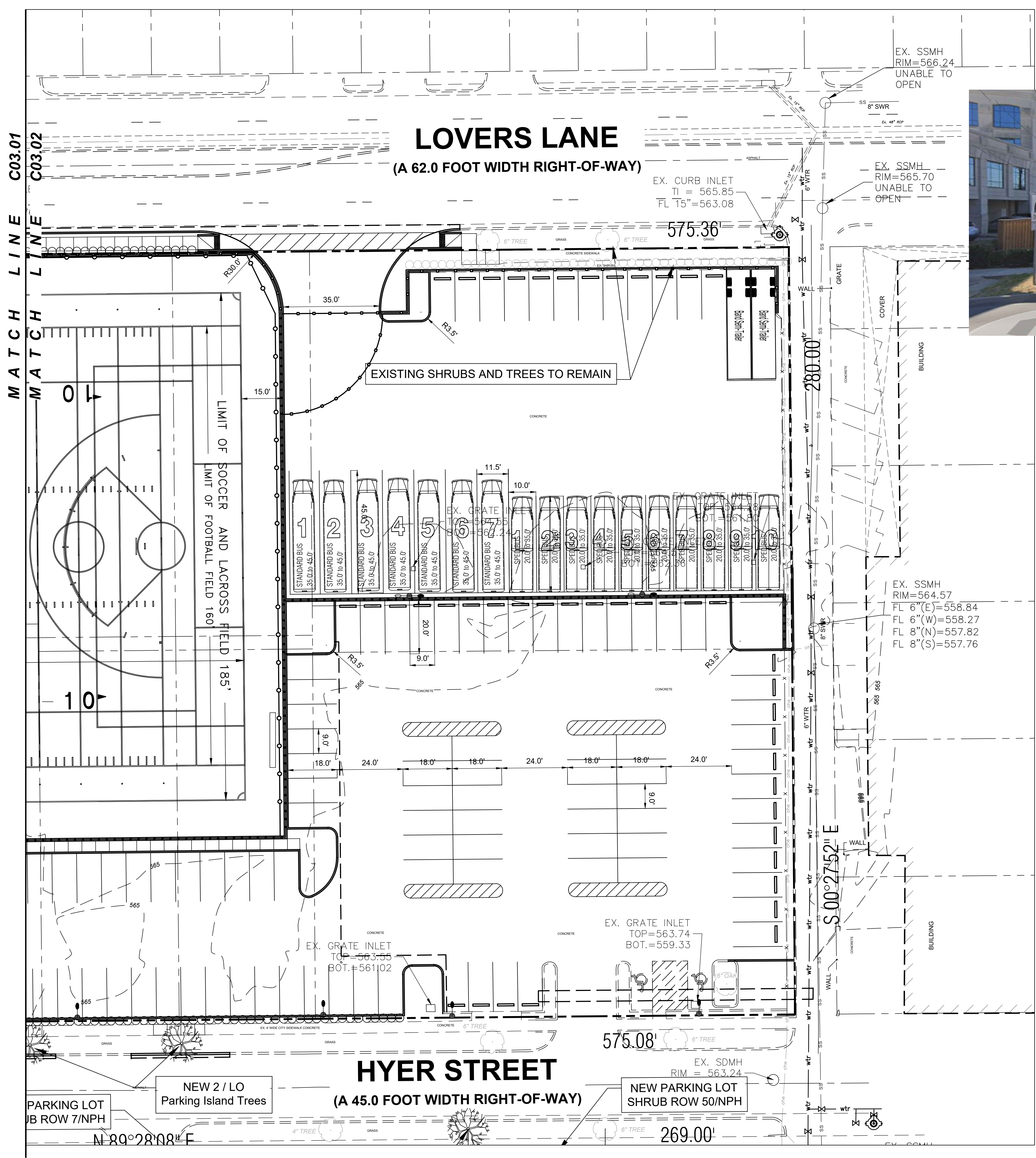
Director	CMA
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Proj. Arch.	
Checker	RMR

PROJECT NO.

SHEET TITLE  
**LANDSCAPE PLAN - EAST**

SHEET NO.

**L01.02**



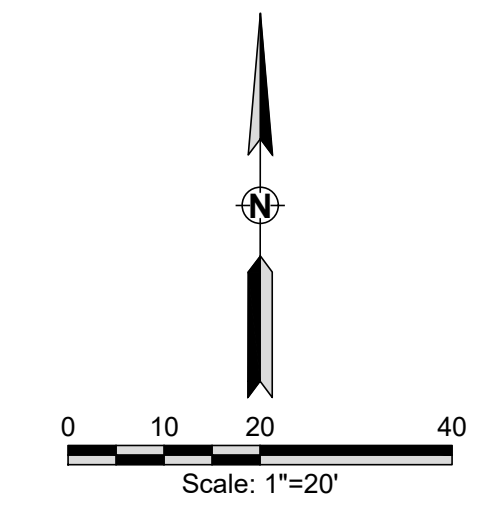
PROPOSED LEGEND	
	Metal Fence
	Sports Netting
	Parking Striping
	Sidewalk
	Curb
	Truncated Domes
	Light
	Stadium Light
	ADA Compliant Parking

EXISTING LEGEND (TO REMAIN)	
	Road Centerline
	Edge of Asphalt
	Overhead Electric
	Parking Striping
	Building
	Edge of Concrete
	Curb
	ADA Striping
	Water Valve
	Fire Hydrant
	Sanitary Manhole
	Light Pole
	TREE/CALIPER/TYPE

SITE LEGEND	
	PROPERTY LINE
	LOT LINE



Mar 05, 2026 - 3:05pm  
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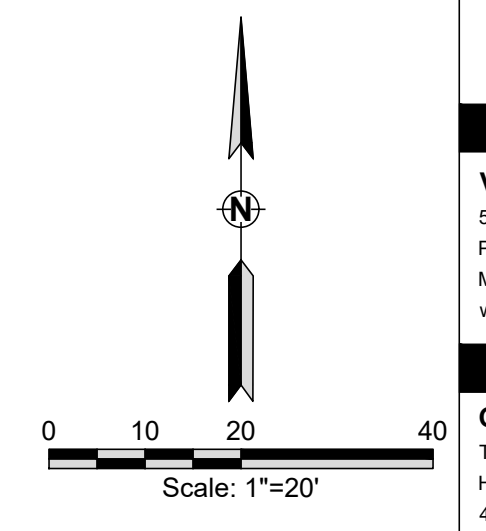
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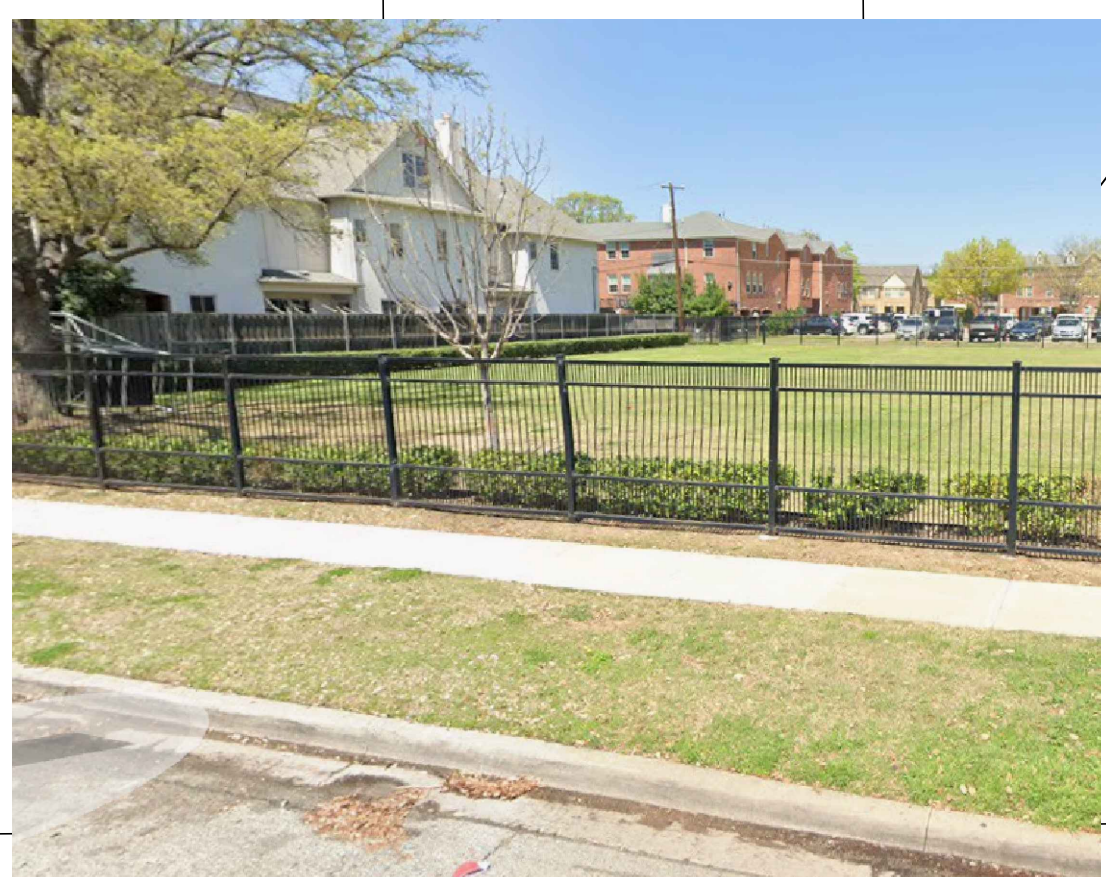
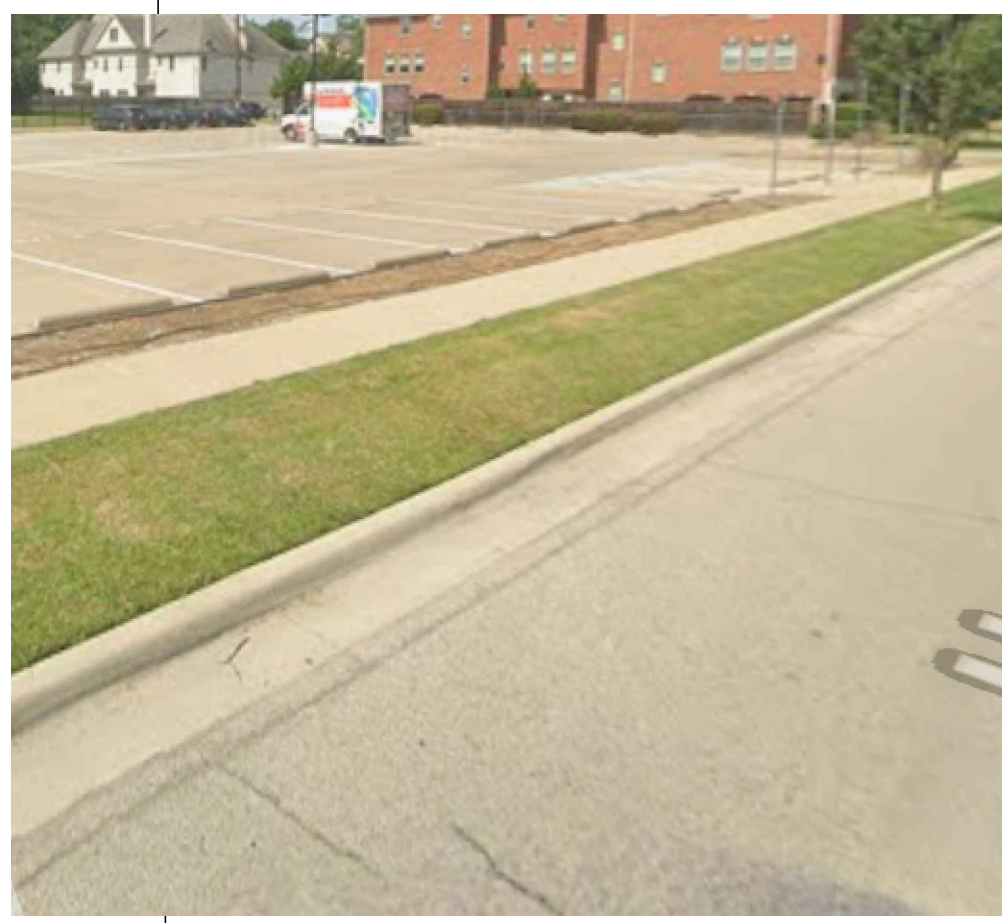
LANDSCAPE PLAN - SOUTH

SHEET NO.

L01.03



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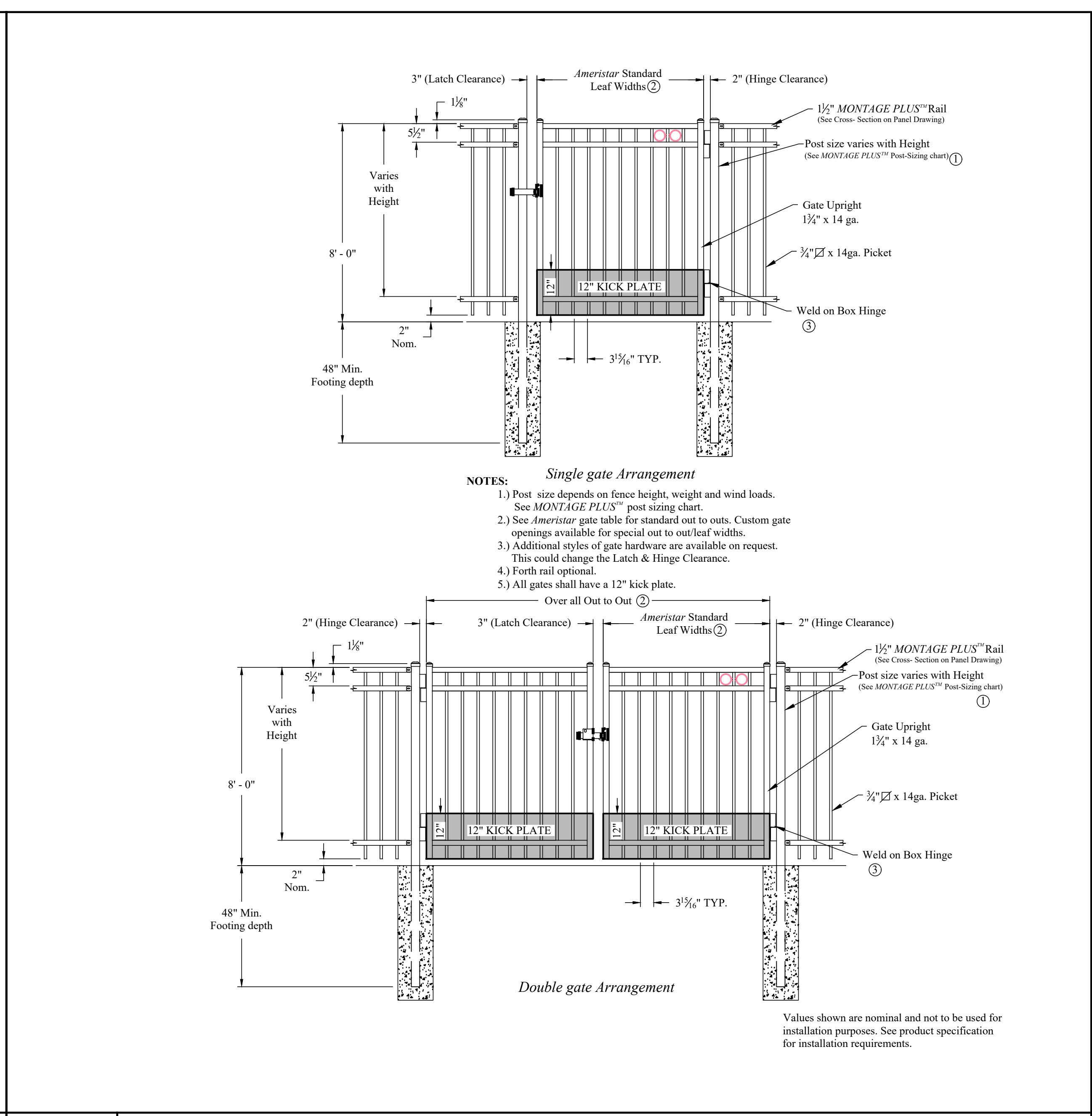
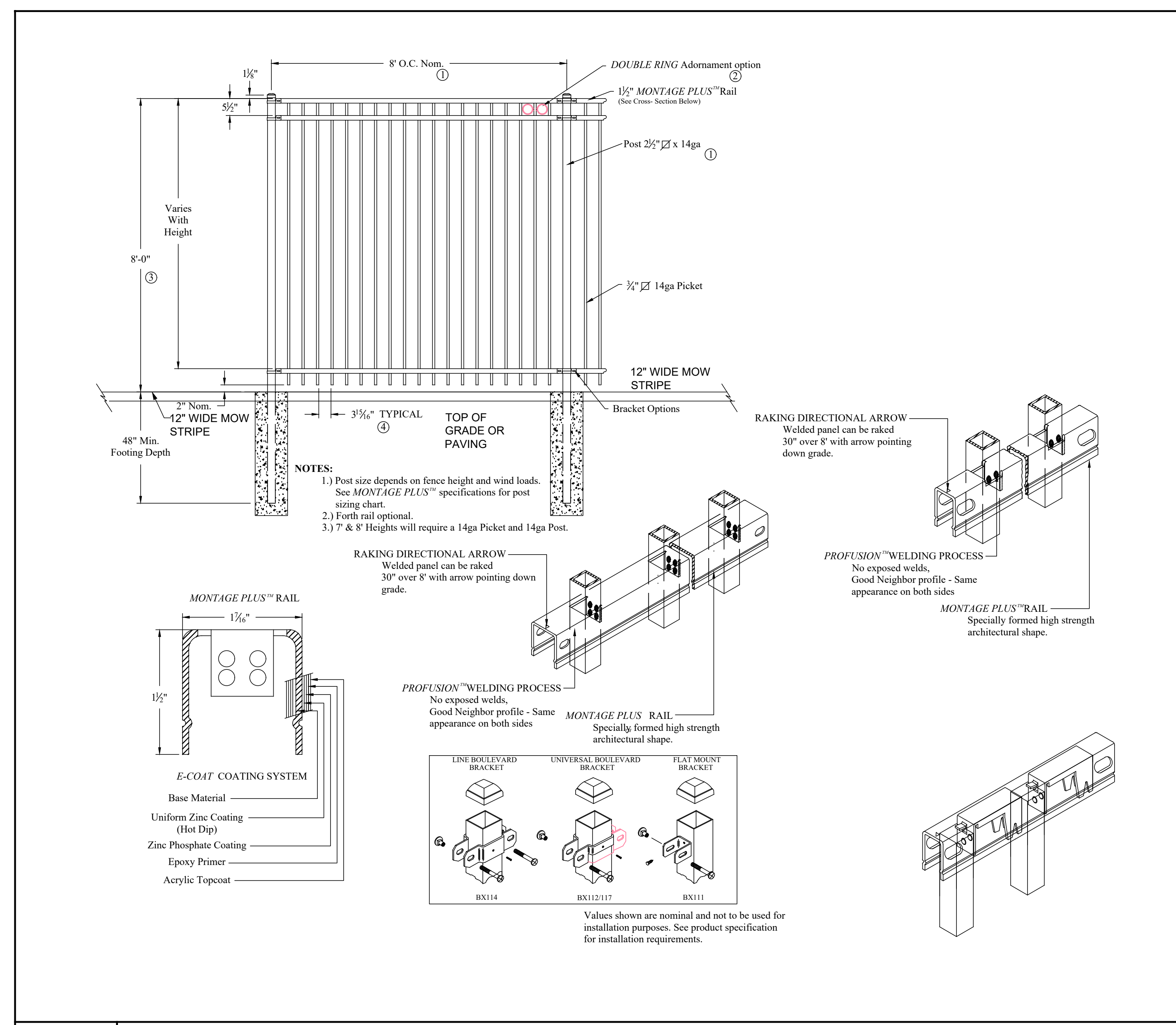
PROJECT NO.

SHEET TITLE

SITE DETAILS - FENCING

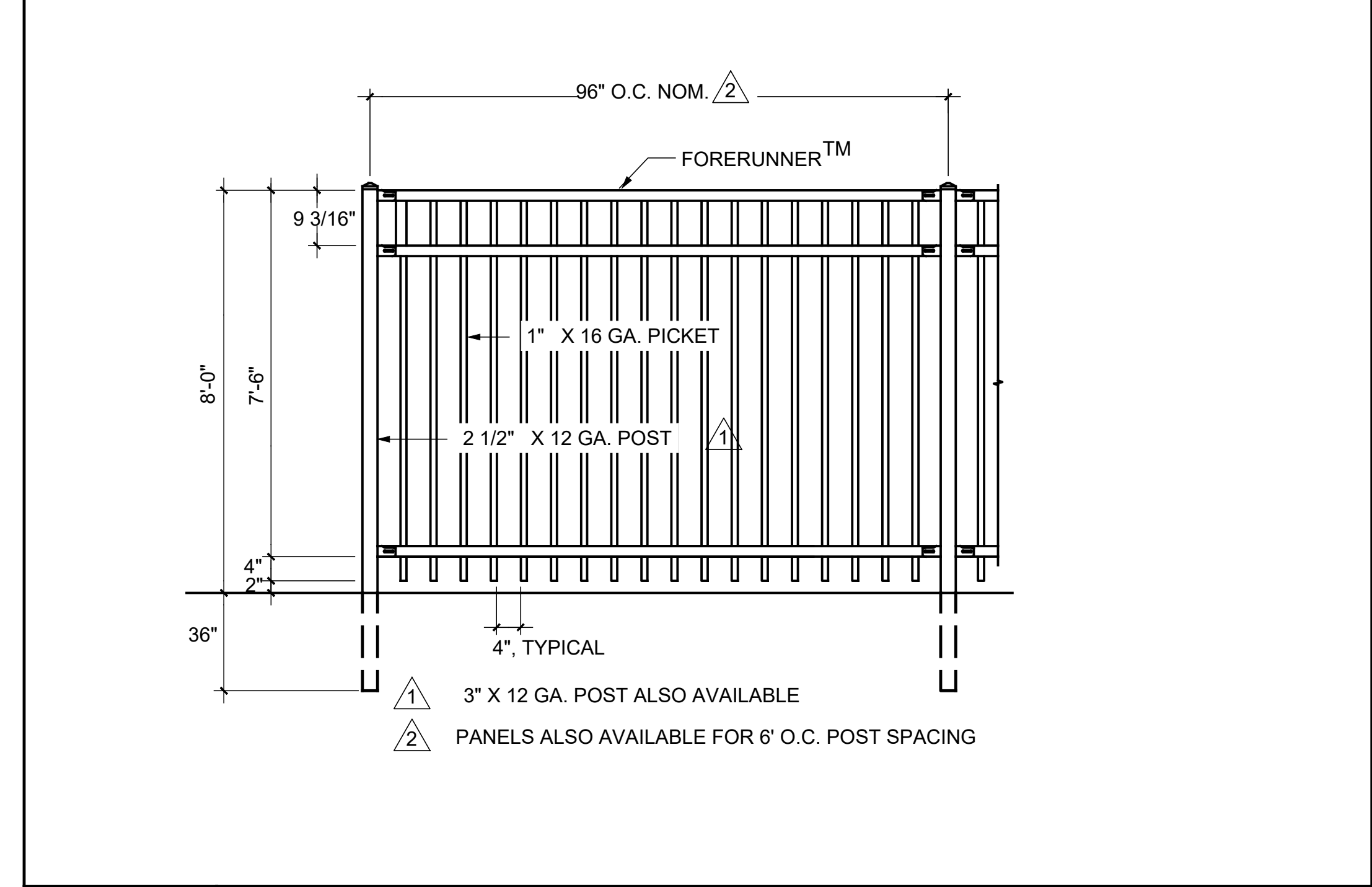
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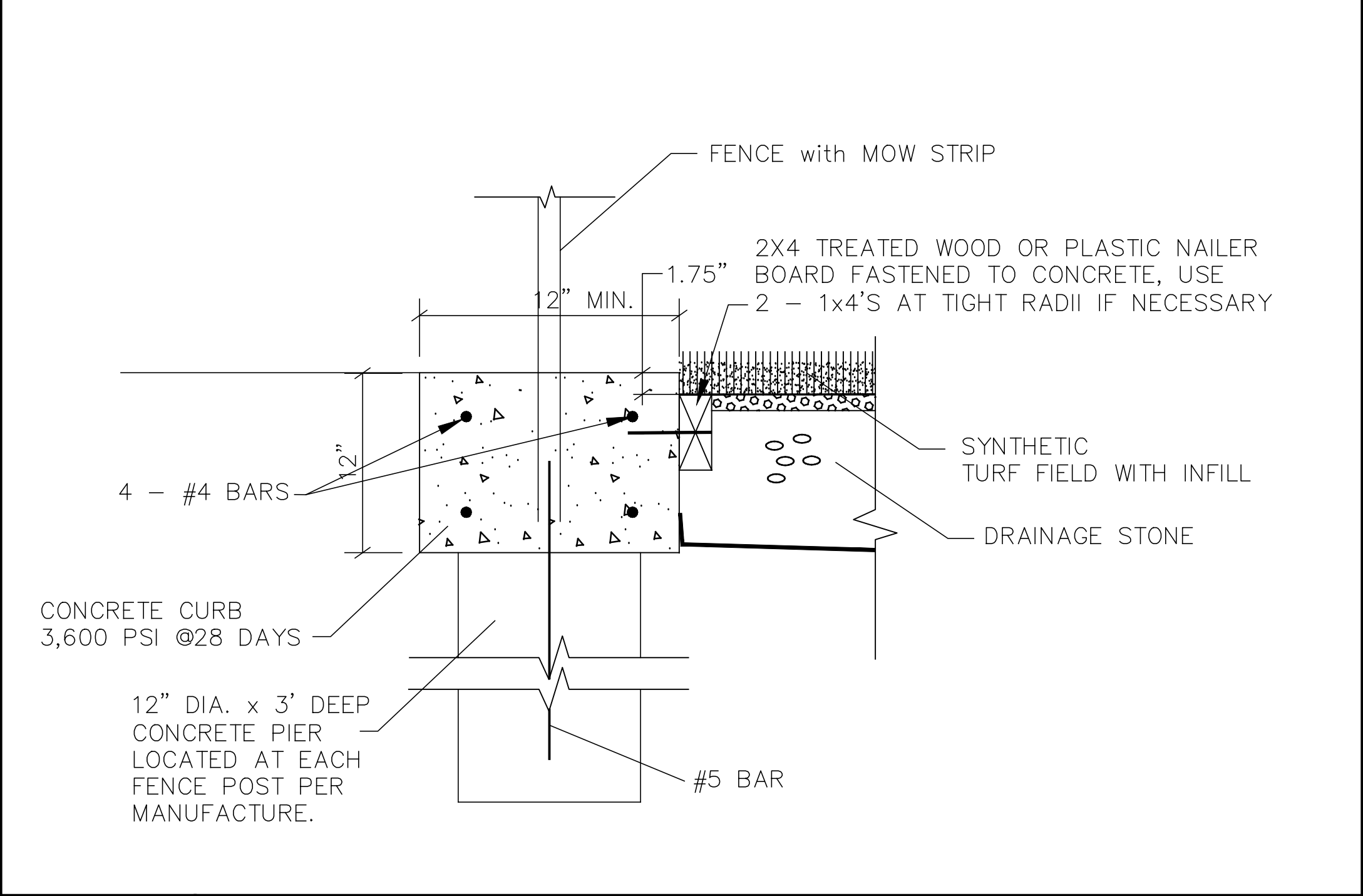


**A1 METAL FENCE DETAILS**  
 NTS SECTION "A-A"

**A1 METAL FENCE DETAILS**  
 NTS SECTION "A-A"



**B1 ORNAMENTAL FENCE DETAIL**  
 NTS



**B1 ORNAMENTAL FENCE DETAIL WITH MOW STRIP**  
 NTS PIER DEPTH PER MANUFACTURE

**SPORTSFIELD SPECIALTIES**  
www.sportsfield.com

**Excellence from Design to Installation**  
4055 State Highway 10, PO Box 225, Dohi, NY 13753 CALL: 888-979-3343 FAX: 607-746-8481

United States Patent #9,017,190 Issued April 28, 2015  
United States Patent #9,586,123 Issued March 7, 2017  
Standard Black Powder Coated Finish

Sportsfield Specialties, Inc. strongly recommends the removal of all nets prior to exposure to winter weather, including snow and/or ice storms. Whenever possible, the nets should also be lowered prior to any extreme wind events. The StormGuard® system will prevent pole failure in the above scenarios, but removal/lowering of the nets will mitigate any unforeseen damage to the nets and/or attachment hardware. Storing nets in a dry, pest free location will help extend the life of the nets. Sportsfield Specialties, Inc. will not be held liable or assume responsibility for any damage to the nets, poles and/or corresponding attachment hardware if the nets are not removed/lowered prior to the above described wind and/or weather events.

**TOP OF POLE**  
UPPER ATTACHMENT BRACKET  
SWIVEL PULLEY  
STORMGUARD® BREAK-AWAY SYSTEM  
5/16" QUICK-CLIP SPRING HOOK  
ROPE TETHER  
STEEL ROPE CLEAT FOR SECURING ROPE TETHER  
4.000" O.D. 3 1/2" Sch. 40 ALUMINUM POLE (11'H - 20'H)  
3/16" GALVANIZED WIRE ROPE BLACK VINYL COATED TO 1/4" ASSEMBLY

**MIDDLE OF POLE**  
LOWER ATTACHMENT BRACKET WITH 3/8" x 6"L TURNBUCKLE TO TENSION VERTICAL CABLE  
30° GROUND SLEEVE

**BOTTOM OF POLE**  
3/16" GALVANIZED WIRE ROPE BLACK VINYL COATED TO 1/4" ASSEMBLY

1-3/4" SQUARE MESH NET WITH SEWN ROPE BINDING ON PERIMETER EDGES  
3/16" QUICK-CLIP SPRING HOOK EVERY 18" ON VERTICAL CABLE

STANDARD PART NUMBERS	DESCRIPTION	EXPECTED NET SAG
BSS412 (TFBSS412P-SG)	12H SYSTEM	±1'-8"
BSS415 (TFBSS415P-SG)	15H SYSTEM	±1'-8"
BSS420 (TFBSS420P-SG)	20H SYSTEM	±2'-2"

BSS-CUSTOM (TFBSS4\_P-SG) CUSTOM HEIGHTS GREATER THAN 10' AND UP TO 20' AVAILABLE

Professionally Pre-Engineered to Meet ASCE 7-10 Wind Rating up to 105 mph Exposure B

**Foundation requirements based on local codes and soil conditions.**

PROPRIETARY AND CONFIDENTIAL  
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SPORTSFIELD SPECIALTIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SPORTSFIELD SPECIALTIES, INC. IS PROHIBITED.

4" Straight Pole StormGuard® Professionally Pre-Engineered Break-Away Ball Safety Netting System

Not To Scale Sportsfield Specialties Inc 105595.1-221212

**SPORTSFIELD SPECIALTIES**  
www.sportsfield.com

**Excellence from Design to Installation**  
4055 State Highway 10, PO Box 225, Dohi, NY 13753 CALL: 888-979-3343 FAX: 607-746-8481

United States Patent #9,017,190 Issued April 28, 2015  
United States Patent #9,586,123 Issued March 7, 2017

End Pole Interior Pole Interior Pole End Pole  
11'-0" to 40'-0"  
20' or 25' Maximum Pole Spacing  
Standard Black Powder Coated Finish  
Finish Grade

**Top of 4" Pole**  
Upper Attachment Bracket  
Swivel Pulley  
Rope Tether  
1/4" Black Vinyl Coated Galvanized Wire Rope  
StormGuard® Breakaway System  
5/16" Quick-Clip Spring Hook

**Top of 6" Pole**  
Upper Fixed Welded Tab  
Swivel Pulley  
StormGuard® Breakaway System  
5/16" Quick-Clip Spring Hook  
Rope Tether

Rope Tether  
Weighted Lowering Device & Removable Attachment Bolt  
Rubber Absorption Pole Bumper  
Replaceable Breakaway Shear Pin & Drop Shaft  
StormGuard® Breakaway System  
1-3/4" Square Mesh Net With Sewn Rope Binding On Perimeter Edges

**Foundation Requirements Based on Local Codes and Soil Conditions.**

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StormGuard® Professionally Pre-Engineered Breakaway Ball Safety System Netting

Not To Scale Sportsfield Specialties Inc 07162020

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**REVISIONS**

Revision No.	Description

Director	CMA
Approver	CMA
Designer	GEC
Designer	GEC
Proj. Arch.	RMR
Checker	RMR

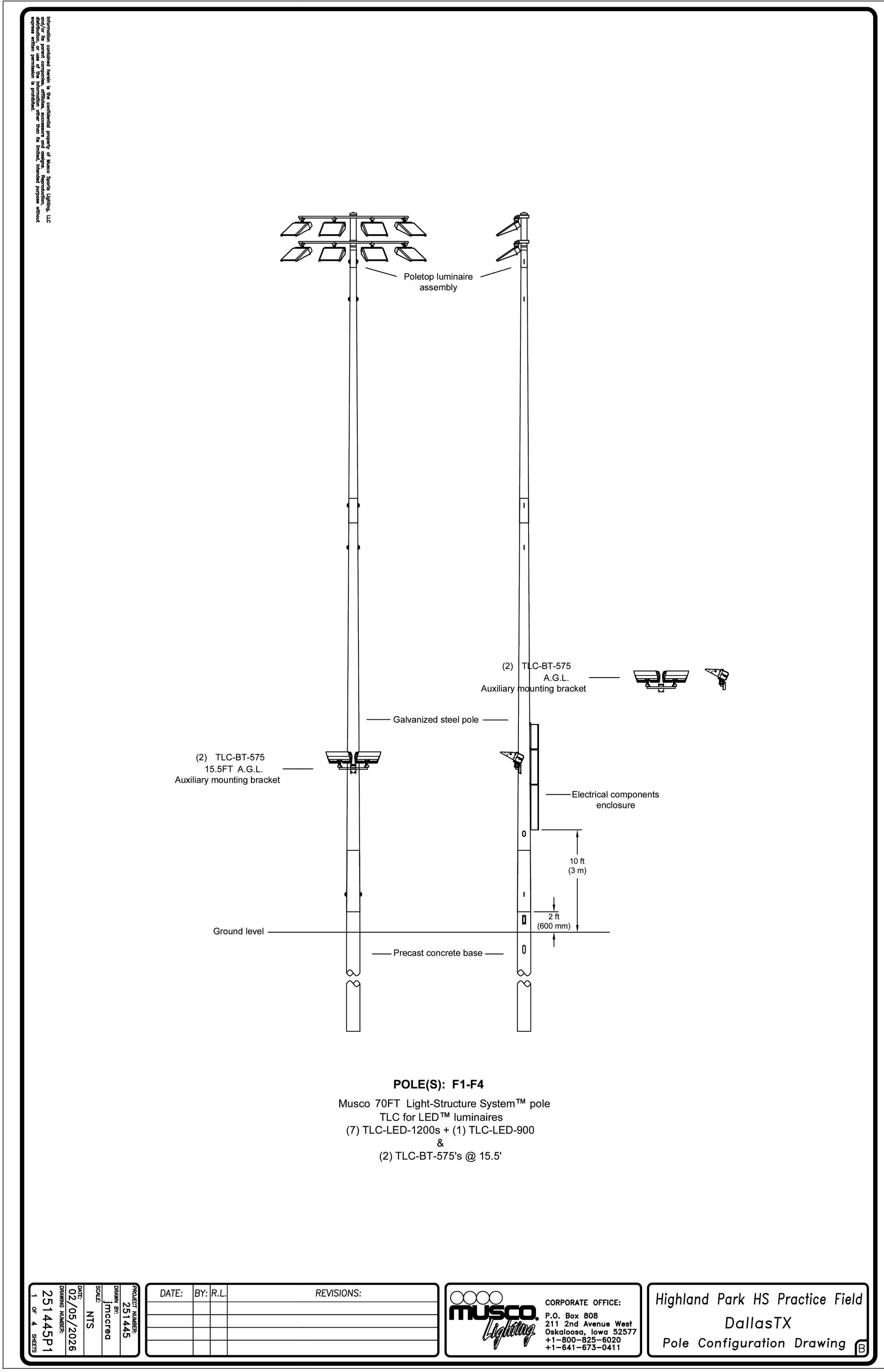
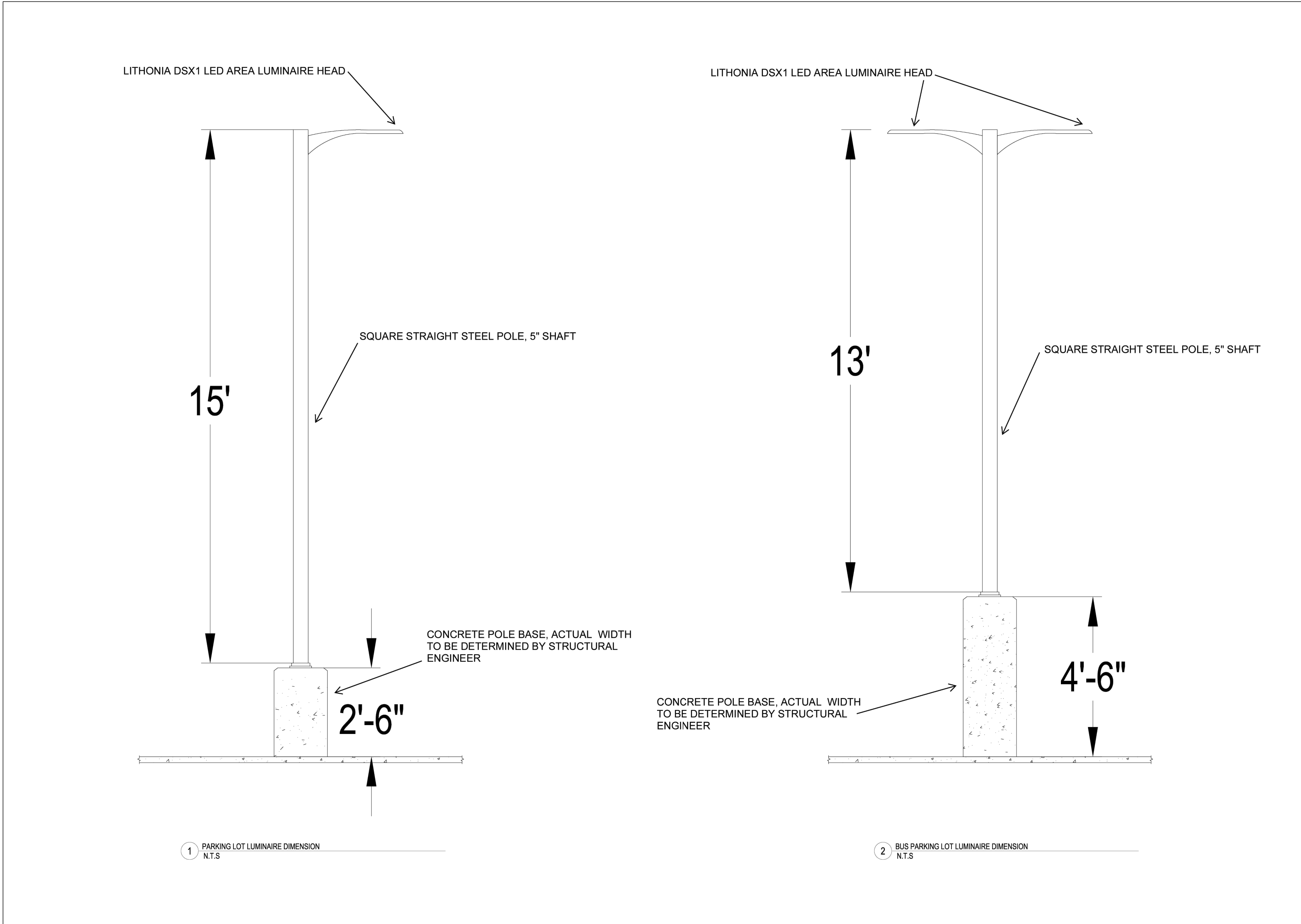
PROJECT NO.

**SHEET TITLE**

**SITE DETAILS - LIGHTING**

SHEET NO.

**C03.22**



DATE:	BY:	R.L.	REVISIONS:

**MUSCO Lighting**  
 CORPORATE OFFICE:  
 P.O. Box 808  
 211 2nd Avenue West  
 Oskaloosa, Iowa 52577  
 +1-800-825-6029  
 +1-641-673-0411

Highland Park HS Practice Field  
 DallasTX  
 Pole Configuration Drawing

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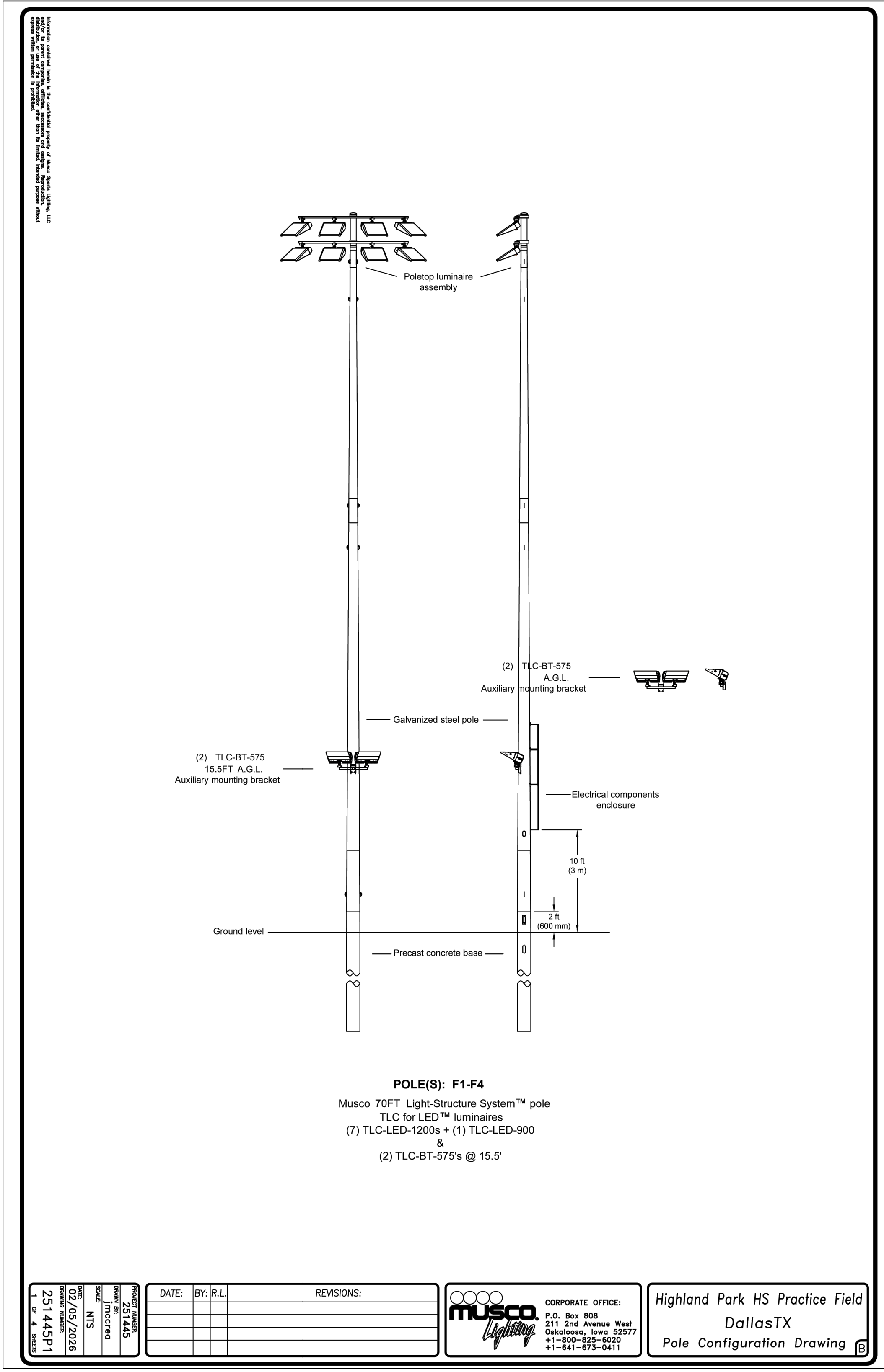
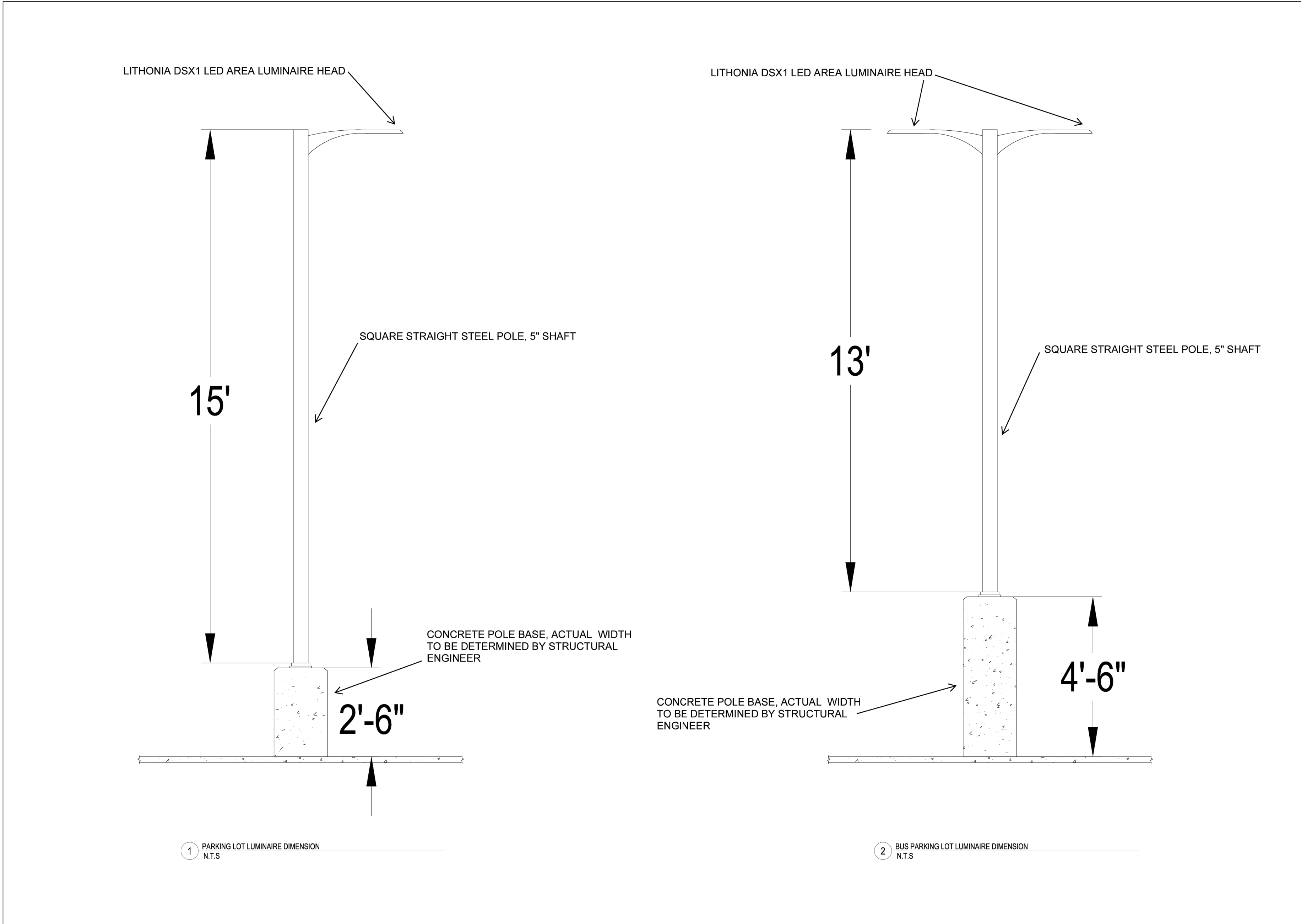
PROJECT NO.

SHEET TITLE

**SITE DETAILS - LIGHTING**

SHEET NO.

**C03.22**

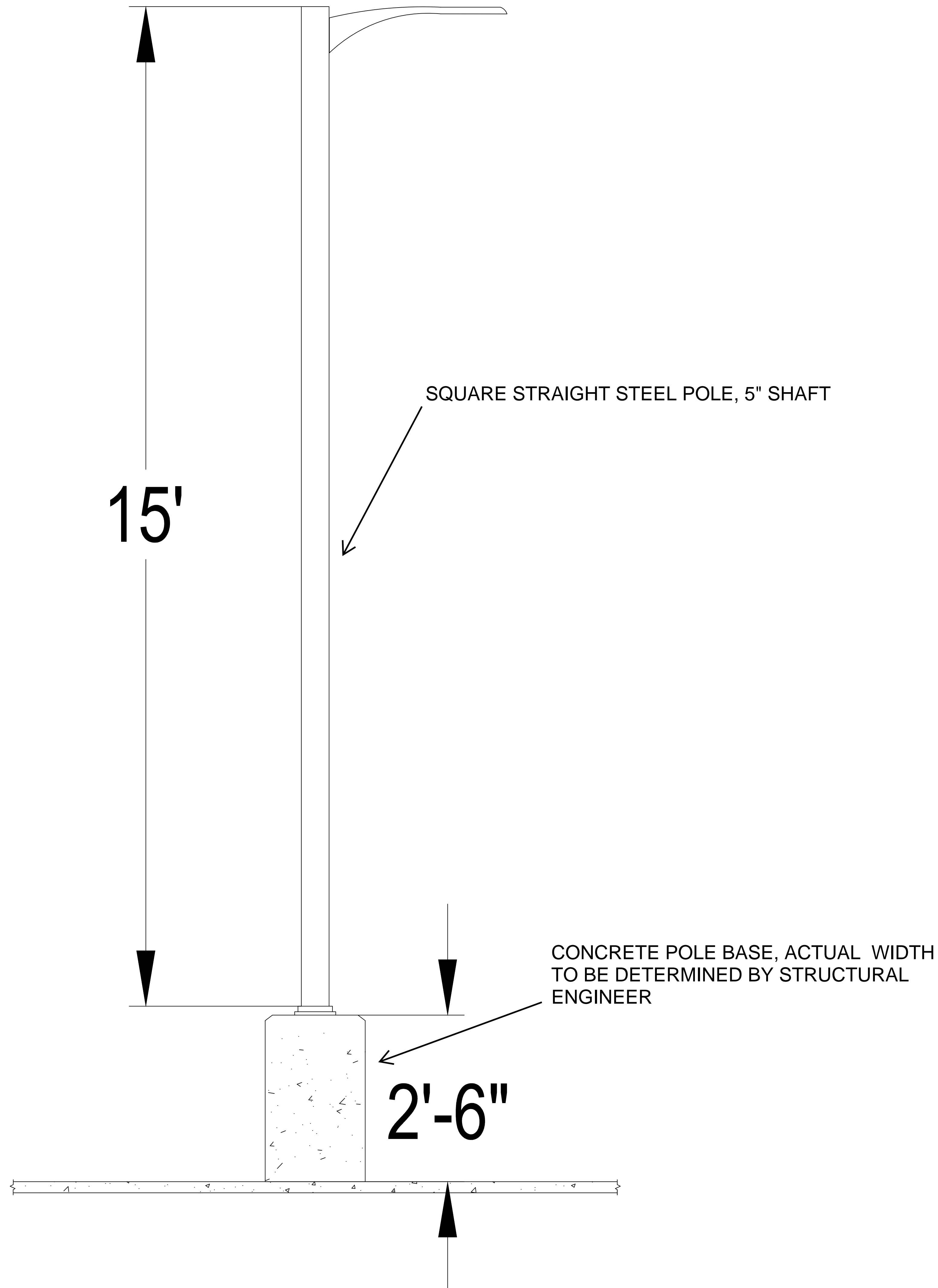


DATE:	BY:	R.L.	REVISIONS:

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 CORPORATE OFFICE:  
 P.O. Box 808  
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 +1-800-825-6029  
 +1-641-673-0411

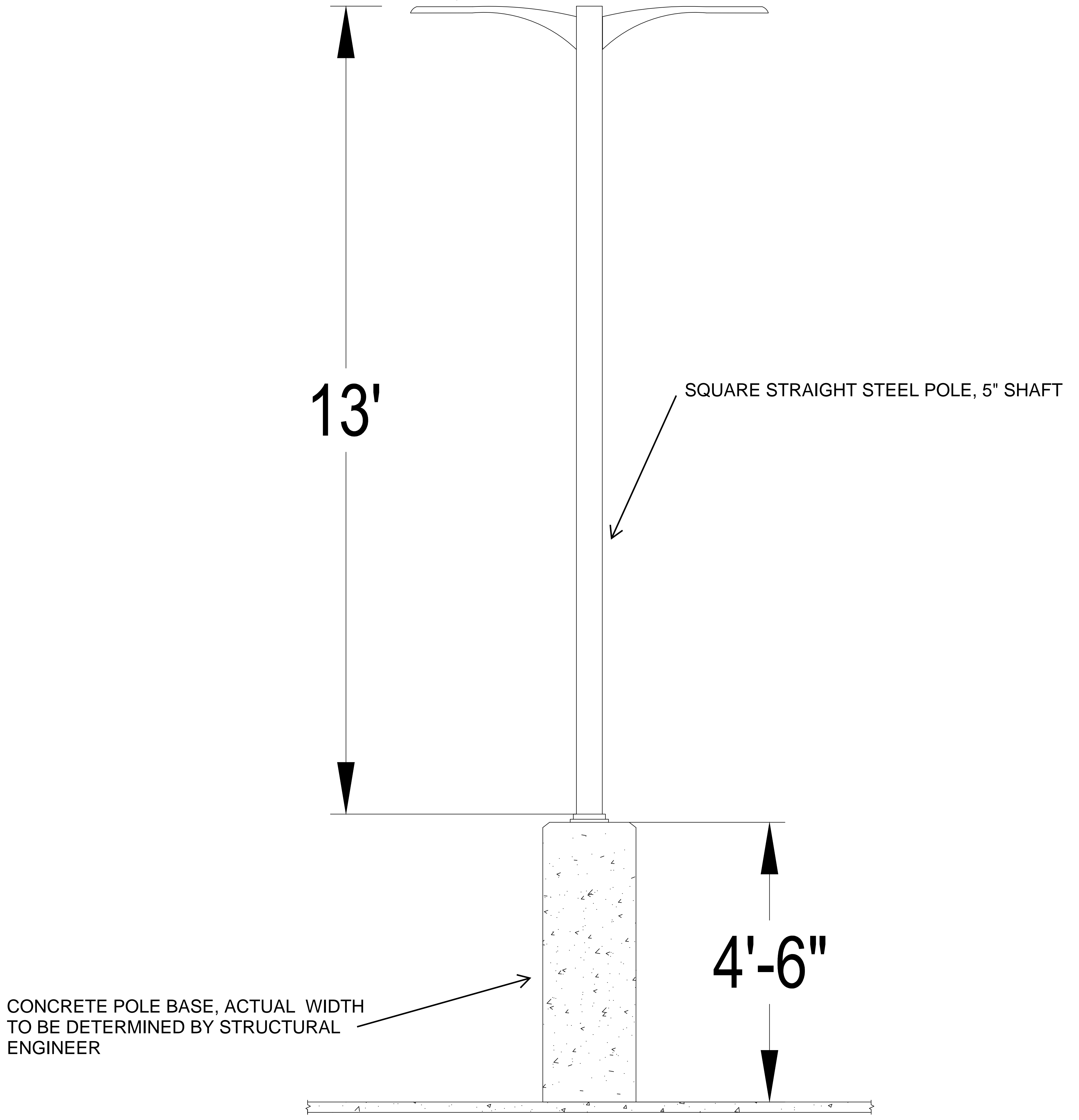
Highland Park HS Practice Field  
 DallasTX  
 Pole Configuration Drawing

LITHONIA DSX1 LED AREA LUMINAIRE HEAD



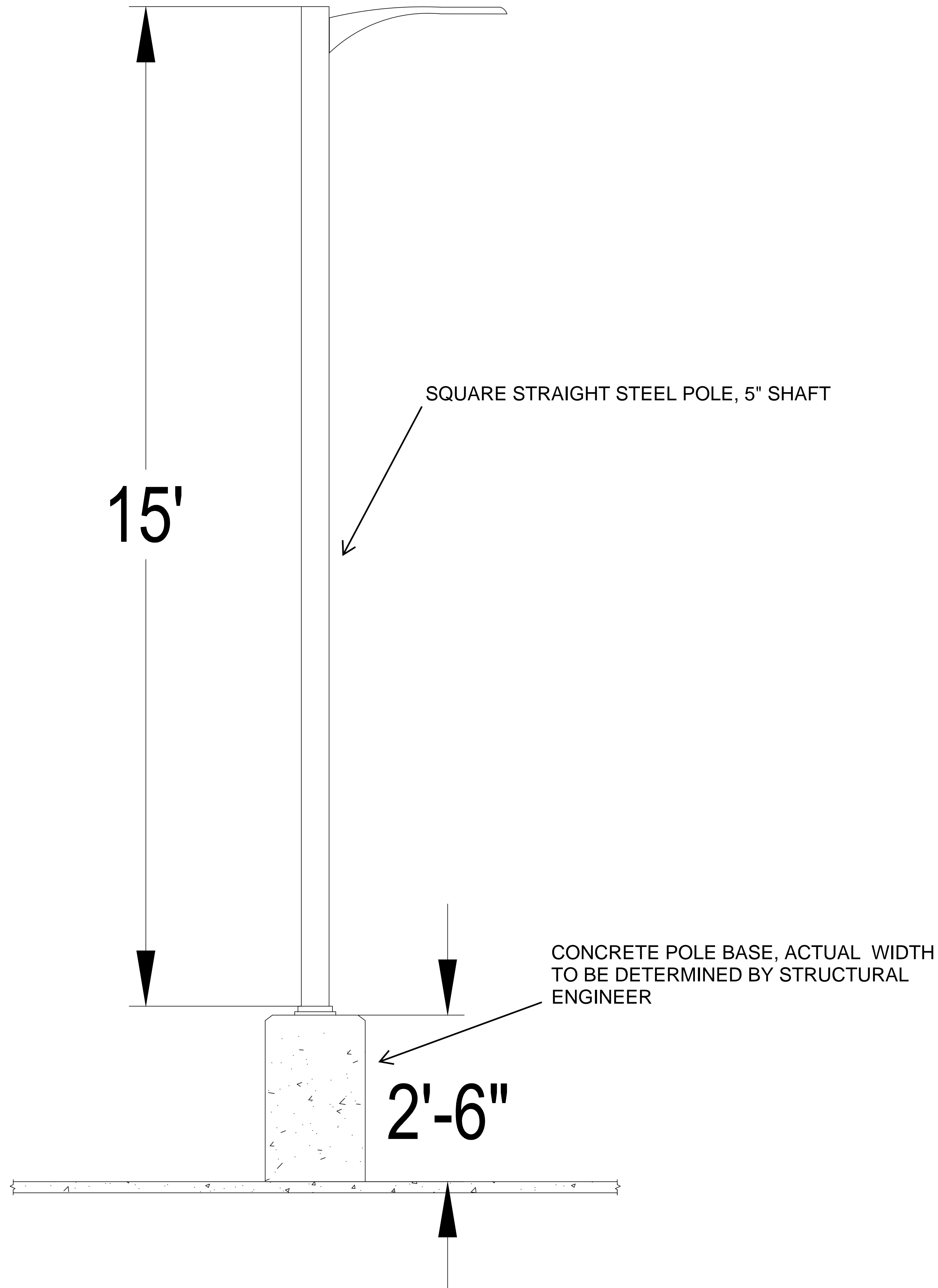
1 PARKING LOT LUMINAIRE DIMENSION  
N.T.S

LITHONIA DSX1 LED AREA LUMINAIRE HEAD



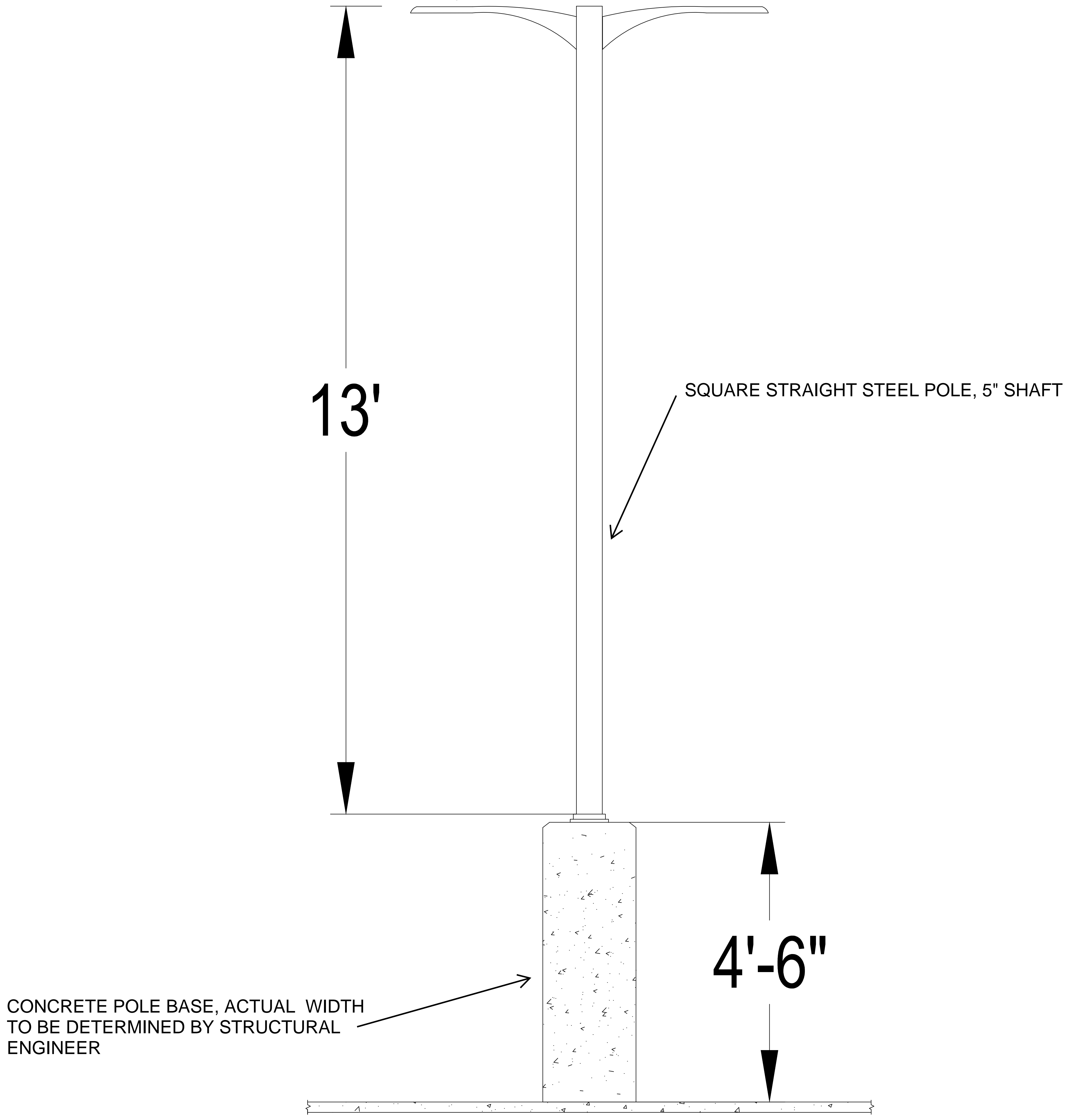
2 BUS PARKING LOT LUMINAIRE DIMENSION  
N.T.S

LITHONIA DSX1 LED AREA LUMINAIRE HEAD



1 PARKING LOT LUMINAIRE DIMENSION  
N.T.S

LITHONIA DSX1 LED AREA LUMINAIRE HEAD



CONCRETE POLE BASE, ACTUAL WIDTH  
TO BE DETERMINED BY STRUCTURAL  
ENGINEER

2 BUS PARKING LOT LUMINAIRE DIMENSION  
N.T.S

**PHOTOMETRIC SITE PLAN GENERAL NOTES**

1. THESE PLANS ARE ACCURATE AND DESIGNED IN COMPLIANCE WITH AND MEET THE REQUIREMENTS OF THE CITY OF xx / TOWN OF xx OUTDOOR LIGHTING ORDINANCE IN EFFECT AT THE TIME OF THE SUBMISSION OF PLANS.
2. ALL CALCULATIONS SHOWN ARE AT THE GROUND LEVEL AND ARE MEASURED HORIZONTALLY.
3. LIGHTING CALCULATIONS HAVE BEEN PRODUCED USING AGI32 LIGHTING SOFTWARE BY LIGHTING ANALYSTS, INC.



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**FOOD SERVICE**  
**JMK**  
 3431 Lakeview Pkwy Ste 205  
 Rowlett, TX 75088  
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 www.jmkda.net

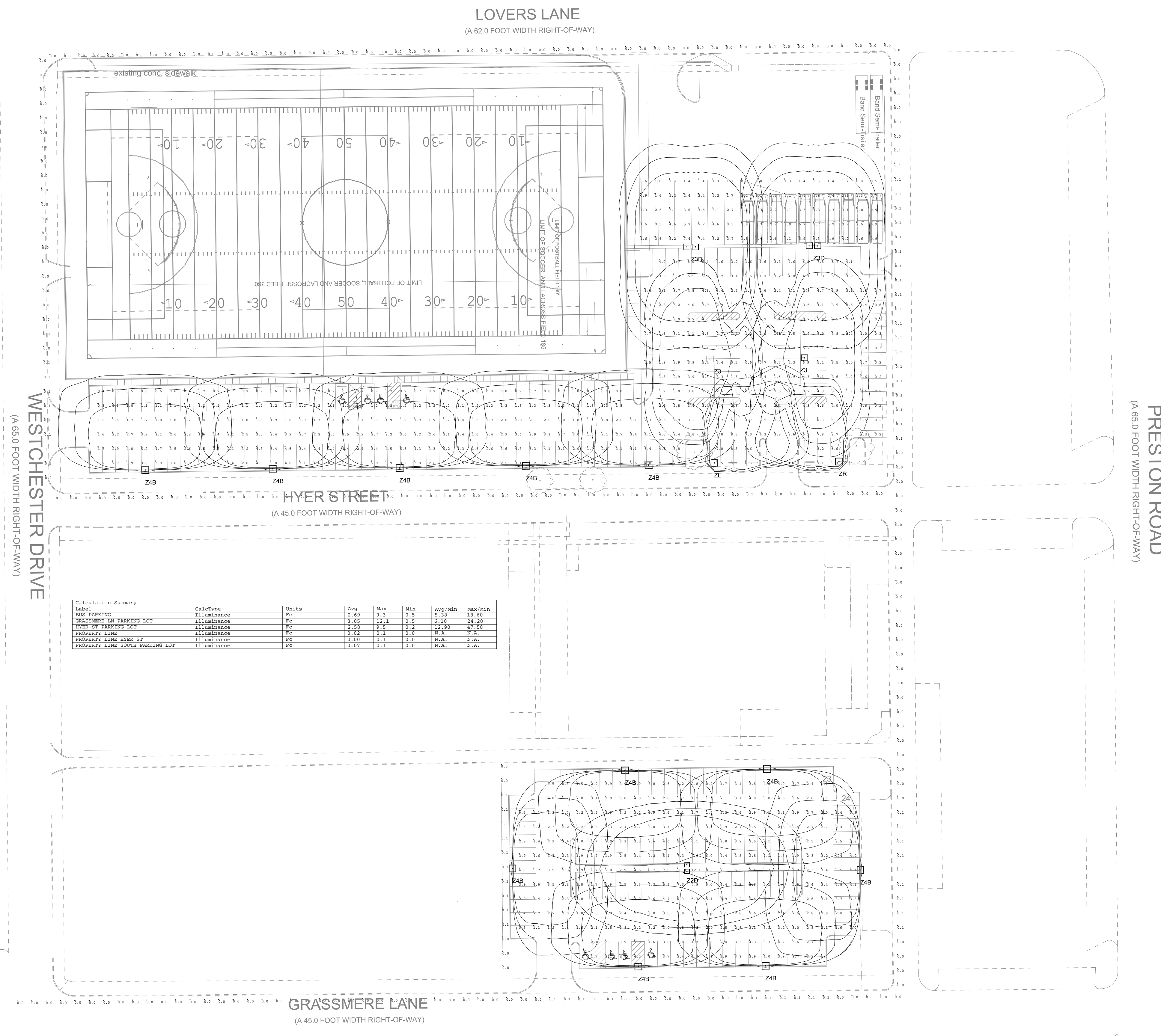
**M.E.P. ENGINEER**  
**EMA ENGINEERING**  
 328 S Broadway Ave  
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 Main Phone: 903.581.2677  
 www.emaengineer.com

**CONSTRUCTION MANAGER**  
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 Main Phone: 972.818.0700  
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**ROOFING**  
**DRYTEC**  
 8750 N Central Expy #75231  
 Dallas, TX 75231  
 Main Phone: 214.363.2192  
 www.drytecmptc.com

HIGHLAND PARK ISD  
 4220 Emerson Ave, Dallas, TX 75205

HIGHLAND PARK HIGH SCHOOL RENOVATION



Calculation Summary

Category	Calc Type	Area	Peak	Min	Avg	Max	Min
Lot	Illuminance	2.59	9.3	0.5	5.78	39.60	24.00
Lot	Illuminance	2.59	9.3	0.5	5.78	39.60	24.00
View of Parking Lot	Illuminance	2.59	9.3	0.5	5.78	39.60	24.00
View of Parking Lot	Illuminance	2.59	9.3	0.5	5.78	39.60	24.00
Property Line	Illuminance	0.00	0.0	0.0	N/A	N/A	N/A
Property Line View of	Illuminance	0.00	0.0	0.0	N/A	N/A	N/A
Property Line Buffer Parking Lot	Illuminance	0.00	0.0	0.0	N/A	N/A	N/A

1 PHOTOMETRIC SITE PLAN  
 1"=40'-0"

**EMA** Engineering & Consulting, Inc.  
 Tyler | Austin | Houston | El Paso  
 DFW | San Antonio | Shreveport  
 Texas Firm Registration No. F-893  
 Louisiana Firm Registration No. EF-5818  
 www.EMAengineer.com

DESIGN SOLVE ENHANCE

SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

100% Construction Documents Review

**REVIEW ONLY**  
 NOT FOR REGULATORY APPROVAL, PERMITTING, OR CONSTRUCTION

Engineer: James M. Tate III  
 License State: TX License No.: 102427  
 Date: 2/2/2026 4:03:32 PM

Project Issued: 03/14/2025

**REVISIONS**

Revision No.	Revision Date

Director: MN  
 Proj. Arch.: HA

PROJECT NO.  
**25-0004.00**

SHEET TITLE  
 PHOTOMETRIC SITE PLAN

SHEET NO.  
**ES1.2**



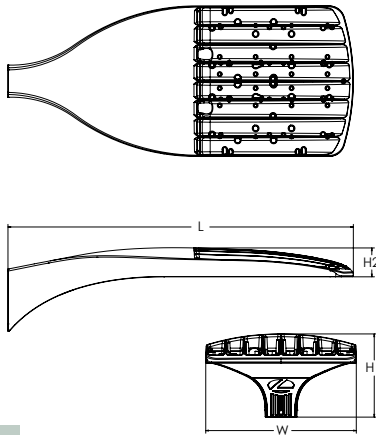
# D-Series Size 1 LED Area Luminaire



d#series

## Specifications

<b>EPA:</b>	0.69 ft <sup>2</sup> (0.06 m <sup>2</sup> )
<b>Length:</b>	32.71" (83.1 cm)
<b>Width:</b>	14.26" (36.2 cm)
<b>Height H1:</b>	7.88" (20.0 cm)
<b>Height H2:</b>	2.73" (6.9 cm)
<b>Weight:</b>	34 lbs (15.4 kg)



**ds** Design Select options indicated by this color background.

Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

## Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).  
\*See ordering tree for details

## Ordering Information

**EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD**

Series	LEDs	Color temperature <sup>2</sup>	Color Rendering Index <sup>2</sup>	Distribution	Voltage	Mounting
<b>DSX1 LED</b>	<b>Forward optics</b>	(this section 70CRI only)		<b>AFR</b> Automotive front row	<b>TSM</b> Type V medium	<b>Shipped included</b>
	P1 P6	30K 3000K	70CRI	<b>T1S</b> Type I short	<b>T5LG</b> Type V low glare	<b>SPA</b> Square pole mounting (#8 drilling)
	P2 P7	40K 4000K	70CRI	<b>T2M</b> Type II medium	<b>T5W</b> Type V wide	<b>RPA</b> Round pole mounting (#8 drilling)
	P3 P8	50K 5000K	70CRI	<b>T3M</b> Type III medium	<b>BLC3</b> Type III backlight control <sup>3</sup>	<b>SPA5</b> Square pole mounting #5 drilling <sup>9</sup>
	P4 P9			<b>T3LG</b> Type III low glare <sup>3</sup>	<b>BLC4</b> Type IV backlight control <sup>3</sup>	<b>RPA5</b> Round pole mounting #5 drilling <sup>9</sup>
	P5	27K 2700K	80CRI	<b>T4M</b> Type IV medium		<b>SPA8N</b> Square narrow pole mounting #8 drilling
	<b>Rotated optics</b>	30K 3000K	80CRI	<b>T4LG</b> Type IV low glare <sup>3</sup>	<b>LCCO</b> Left corner cutoff <sup>3</sup>	<b>WBA</b> Wall bracket <sup>10</sup>
	P10 <sup>1</sup> P12 <sup>1</sup>	35K 3500K	80CRI	<b>TFTM</b> Forward throw medium	<b>RCCO</b> Right corner cutoff <sup>3</sup>	<b>MA</b> Mast arm adapter (mounts on 2 3/8" OD horizontal tenon)
	P11 <sup>1</sup> P13 <sup>1</sup>	40K 4000K	80CRI			
		50K 5000K	80CRI			

Control options	Other options	Finish (required)
<b>Shipped installed</b>	<b>Shipped installed</b>	<b>DDBXD</b> Dark Bronze
<b>NLTAIR2 PIRHN</b> nLight AIR gen 2 enabled with bi-level motion / ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc. <sup>11, 12, 20, 21</sup>	<b>SPD20KV</b> 20KV surge protection	<b>DBLXD</b> Black
<b>PIR</b> High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc. <sup>13, 20, 21</sup>	<b>HS</b> Houseside shield (black finish standard) <sup>22</sup>	<b>DNAXD</b> Natural Aluminum
<b>PER</b> NEMA twist-lock receptacle only (controls ordered separately) <sup>14</sup>	<b>L90</b> Left rotated optics <sup>1</sup>	<b>DWHXD</b> White
<b>PER5</b> Five-pin receptacle only (controls ordered separate) <sup>14, 21</sup>	<b>R90</b> Right rotated optics <sup>1</sup>	<b>DDBTXD</b> Textured dark bronze
<b>PER7</b> Seven-pin receptacle only (controls ordered separate) <sup>14, 21</sup>	<b>CCE</b> Coastal Construction <sup>23</sup>	<b>DBLBXD</b> Textured black
<b>FAO</b> Field adjustable output <sup>15, 21</sup>	<b>HA</b> 50°C ambient operation <sup>24</sup>	<b>DNATXD</b> Textured natural aluminum
<b>BL30</b> Bi-level switched dimming, 30% <sup>16, 21</sup>	<b>BAA</b> Buy America(n) Act and/or Build America Buy America Qualified	<b>DWHGXD</b> Textured white
<b>BL50</b> Bi-level switched dimming, 50% <sup>16, 21</sup>	<b>SF</b> Single fuse (120, 277, 347V) <sup>25</sup>	
<b>DMG</b> 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) <sup>17</sup>	<b>DF</b> Double fuse (208, 240, 480V) <sup>26</sup>	
<b>DS</b> Dual switching <sup>18, 19, 21</sup>	<b>Shipped separately</b>	
	<b>EGSR</b> External Glare Shield (reversible, field install required, matches housing finish)	
	<b>BSDB</b> Bird Spikes (field install required)	



## Ordering Information

### Accessories

Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) <sup>25</sup>
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) <sup>25</sup>
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) <sup>25</sup>
DSHORT SBK	Shorting cap <sup>25</sup>
DSX1HS P#	House-side shield (enter package number 1-13 in place of #)
DSXRPA (FINISH)	Round pole adapter (#8 drilling, specify finish)
DSXSPA5 (FINISH)	Square pole adapter #5 drilling (specify finish)
DSXSPA5 (FINISH)	Round pole adapter #5 drilling (specify finish)
DSX1EGSR (FINISH)	External glare shield (specify finish)
DSX1BSDB (FINISH)	Bird spike deterrent bracket (specify finish)

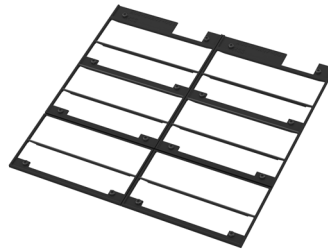
### NOTES

- Rotated optics available with packages P10, P11, P12 and P13. Must be combined with option L90 or R90.
- 30K, 40K, and 50K available in 70CRI and 80CRI. 27K and 35K only available with 80CRI. Contact Technical Support for other possible combinations.
- T3LG, T4LG, BLC3, BLC4, LCCO, RCCO not available with option HS.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- HVOLT not available with package P1 and P10 when combined with option NLTAIR2 PIRHN or option PIR.
- XVOLT operates with any voltage between 277V and 480V (50/60 Hz).
- XVOLT not available in packages P1 or P10. XVOLT not available with P1, P2, P5, P7, P9, P10, P11 and P13 when combined with option NLTAIR2 PIRHN or PIR. XVOLT not available with fusing (SF or DF).
- SPA5 and RPA5 for use with #5 drilling only (Not for use with #8 drilling).
- WBA cannot be combined with Type 5 distributions plus photocell (PER).
- NLTAIR2 and PIRHN must be ordered together. For more information on nLight AIR2 visit this [link](#)
- NLTAIR2 PIRHN not available with other controls including PIR, PER, PER5, PER7, FAO, BL30, BL50, DMG and DS. NLTAIR2 PIRHN not available with P1 and P10 using HVOLT.
- PIR not available with NLTAIR2 PIRHN, PER, PER5, PER7, FAO BL30, BL50, DMG and DS.
- PER/PER5/PER7 not available with NLTAIR2 PIRHN, PIR, BL30, BL50, FAO, DMG and DS. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- FAO not available with other dimming control options NLTAIR2 PIRHN, PIR, PER5, PER7, BL30, BL50, DMG and DS.
- BL30 and BL50 are not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, FAO, DMG and DS. BL30 or BL50 must specify 120 or 277V.
- DMG not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, BL30, BL50, FAO and DS.
- DS not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, BL30, BL50, FAO and DMG.
- DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers. DS only available with packages P8, P9, P10, P11, P12 and P13.
- Reference Motion Sensor Default Settings table on page 4 to see functionality.
- Reference Controls Options table on page 4.
- HS not available with T3LG, T4LG, BLC3, BLC4, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- CCE option not available with option BS and EGSR. Contact Technical Support for availability.
- Option HA not available with performance packages P4, P5, P7, P8, P9 and P13.
- Requires luminaire to be specified with PER, PER5 or PER7 option. See Controls Table on page 4.
- Single fuse (SF) requires 120V, 277V, or 347V. Double fuse (DF) requires 208V, 240V or 480V. XVOLT not available with fusing (SF or DF).

## Shield Accessories



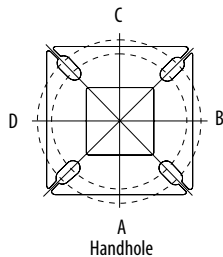
External Glare Shield (EGSR)



House Side Shield (HS)

## Drilling

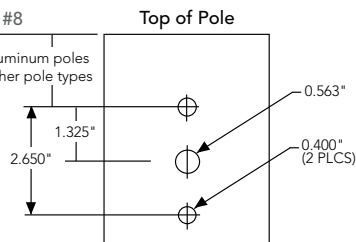
### HANDHOLE ORIENTATION



Handhole

Template #8

1.75" for aluminum poles  
2.75" for other pole types



### Tenon Mounting Slipfitter

Tenon O.D.	Mounting	Single Unit	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
2-3/8"	RPA	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 390	AS3-5 320	AS3-5 490
2-7/8"	RPA	AST25-190	AST25-280	AST25-290	AST25-390	AST25-320	AST25-490
4"	RPA	AST35-190	AST35-280	AST35-290	AST35-390	AST35-320	AST35-490

Mounting Option	Drilling Template	Single	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
Head Location		Side B	Side B & D	Side B & C	Side B, C & D	Round Pole Only	Side A, B, C & D
Drill Nomenclature	#8	DM19AS	DM28AS	DM29AS	DM39AS	DM32AS	DM49AS
<b>Minimum Acceptable Outside Pole Dimension</b>							
SPA	#8	3.5"	3.5"	3.5"	3.5"		3.5"
RPA	#8	3"	3"	3"	3"	3"	3"
SPA5	#5	3"	3"	3"	3"		3"
RPA5	#5	3"	3"	3"	3"	3"	3"
SPA8N	#8	3"	3"	3"	3"		3"

### DSX1 Area Luminaire - EPA

\*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single DM19	2 @ 180 DM28	2 @ 90 DM29	3 @ 90 DM39	3 @ 120 DM32	4 @ 90 DM49
Mounting Type						
DSX1 with SPA	0.69	1.38	1.23	1.54	---	1.58
DSX1 with SPA5, SPA8N	0.70	1.40	1.30	1.66	---	1.68
DSX1 with RPA, RPA5	0.70	1.40	1.30	1.66	1.60	1.68
DSX1 with MA	0.83	1.66	1.50	2.09	2.09	2.09

# Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [homepage](#).

Isofootcandle plots for the DSX1 LED P9 40K 70CRI. Distances are in units of mounting height (25').

### LEGEND

- 0.1 fc
- 0.5 fc
- 1.0 fc

