



# DEVELOPMENT APPLICATION

City of Rockwall  
Planning and Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75087

STAFF USE ONLY

PLANNING & ZONING CASE NO. \_\_\_\_\_

**NOTE:** THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.

DIRECTOR OF PLANNING: \_\_\_\_\_

CITY ENGINEER: \_\_\_\_\_

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

### PLATTING APPLICATION FEES:

- MASTER PLAT (\$100.00 + \$15.00 ACRE) <sup>1</sup>
- PRELIMINARY PLAT (\$200.00 + \$15.00 ACRE) <sup>1</sup>
- FINAL PLAT (\$300.00 + \$20.00 ACRE) <sup>1</sup>
- REPLAT (\$300.00 + \$20.00 ACRE) <sup>1</sup>
- AMENDING OR MINOR PLAT (\$150.00)
- PLAT REINSTATEMENT REQUEST (\$100.00)

### SITE PLAN APPLICATION FEES:

- SITE PLAN (\$250.00 + \$20.00 ACRE) <sup>1</sup>
- AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN (\$100.00)

### ZONING APPLICATION FEES:

- ZONING CHANGE (\$200.00 + \$15.00 ACRE) <sup>1</sup>
- SPECIFIC USE PERMIT (\$200.00 + \$15.00 ACRE) <sup>1 & 2</sup>
- PD DEVELOPMENT PLANS (\$200.00 + \$15.00 ACRE) <sup>1</sup>

### OTHER APPLICATION FEES:

- TREE REMOVAL (\$75.00)
- VARIANCE REQUEST/SPECIAL EXCEPTIONS (\$100.00) <sup>2</sup>

### NOTES:

<sup>1</sup>: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.  
<sup>2</sup>: A **\$1,000.00** FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.

## PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS 5573 FM 3097, Rockwall, TX 75032

SUBDIVISION N/A

LOT

BLOCK

GENERAL LOCATION NE side of Horizon Rd approximately 1000ft south of County Line Rd.

## ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING C CURRENT USE Undeveloped/Agricultural

PROPOSED ZONING No Change PROPOSED USE Commercial Office/Retail

ACREAGE 2.72 AC LOTS [CURRENT] 1 LOTS [PROPOSED] 2

**SITE PLANS AND PLATS:** BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.

## OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

OWNER Saro Partners, LLC

APPLICANT BGE Inc.

CONTACT PERSON Shawn Valk

CONTACT PERSON Mckenzie Joseck

ADDRESS 1450 S. T L Townsend, Suite 100

ADDRESS 700 N Pearl St.

Suite 2100

CITY, STATE & ZIP Rockwall, TX 75032

CITY, STATE & ZIP Dallas, TX 75201

PHONE 469-222-1597

PHONE 972-372-9423

E-MAIL Shawnavk@gmail.com

E-MAIL mjoseck@bgeinc.com

## NOTARY VERIFICATION [REQUIRED]

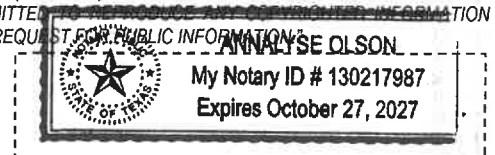
BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Shawn Valk [OWNER] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF \$ September TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE 10 DAY OF September, 20 24 BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE AND DISSEMINATE INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 10 DAY OF September, 20 24

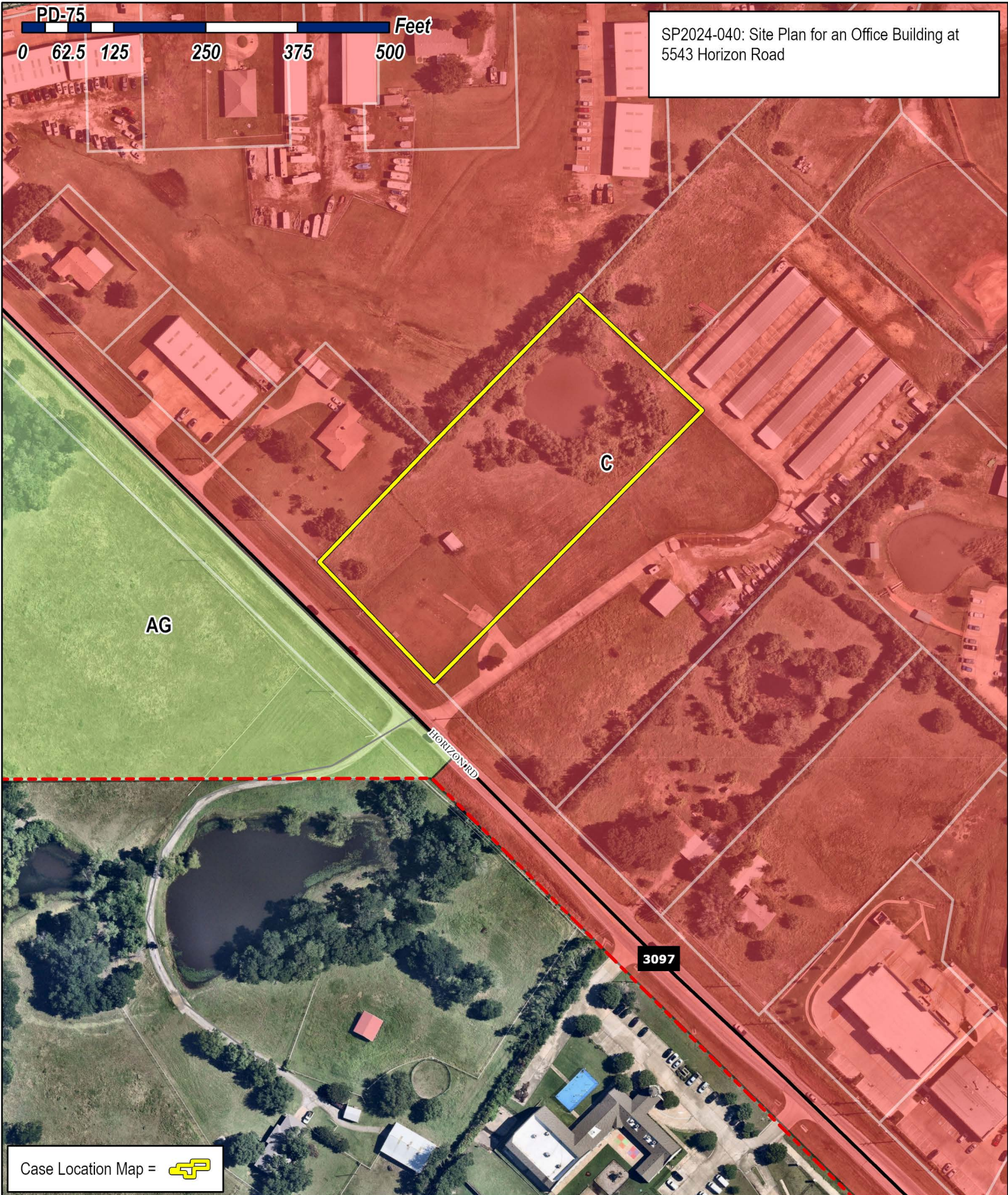
OWNER'S SIGNATURE

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS



MY COMMISSION EXPIRES October 27, 2027





SP2024-040: Site Plan for an Office Building at 5543 Horizon Road


PD-75  
0 62.5 125 250 375 500 Feet

AG

C

HORIZON RD

3097

Case Location Map = 



# City of Rockwall

Planning & Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75087  
(P): (972) 771-7745  
(W): www.rockwall.com

The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.





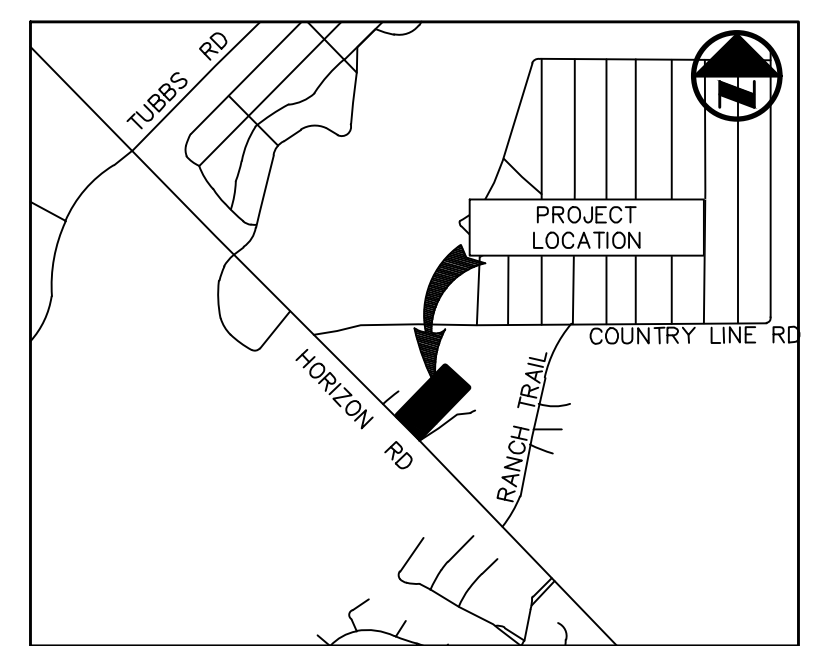
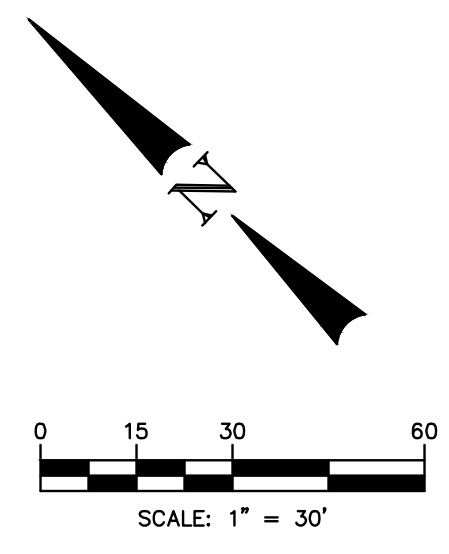
BGE, INC. \\bge\apps\dwg\Projects\Platinum\_Construction\13185-00-Site\_Plan\_Eng\_Serv\_2\_14\_24\_Horizon\_Rd\13185-00-SITE\_PLAN.dwg Sep 11, 2024 3:47pm rjlsnack

BUFFALO CREEK BUSINESS PARK, LTD.  
VOL. 7093, PG. 142  
D.R.R.C.T.

BUFFALO CREEK BUSINESS PARK, LTD.  
VOL. 7093, PG. 138  
D.R.R.C.T.

SITE INFORMATION												
SITE AREA (AC)		SITE AREA										
2.74 AC (119,244 SF)												
BUILDING	BUILDING USE	LOT NO.	ZONING	BUILDING AREA (S.F.)	FLOOR FOOTPRINT (S.F.)	FLOOR AREA RATIO	LOT AREA (S.F.)	LOT COV. (%)	IMPERVIOUS LOT COVERAGE (S.F.)	PROPOSED BUILDING HEIGHT	# OF BUILDING STORES	PARKING RATIO
1	GHM	1	C-COMMERCIAL	16,442	16,442	0.234	99,497	27.37	46,430	42'	1+	1/100 (GHM)
1	OFFICE	2	C-COMMERCIAL	8,482	8,482	0.14	99,025	14.37	37,681	24'	1	1/300 (OFFICE)
<b>TOTAL</b>				<b>24,924</b>	<b>24,924</b>	<b>0.174</b>	<b>198,522</b>	<b>21.74</b>	<b>84,111</b>	<b>66'</b>	<b>2</b>	

NOTE: HANDICAP PARKING IS PROVIDED IN ACCORDANCE WITH ADA STANDARDS



**VICINITY MAP**  
(NOT TO SCALE)

**LEGEND**

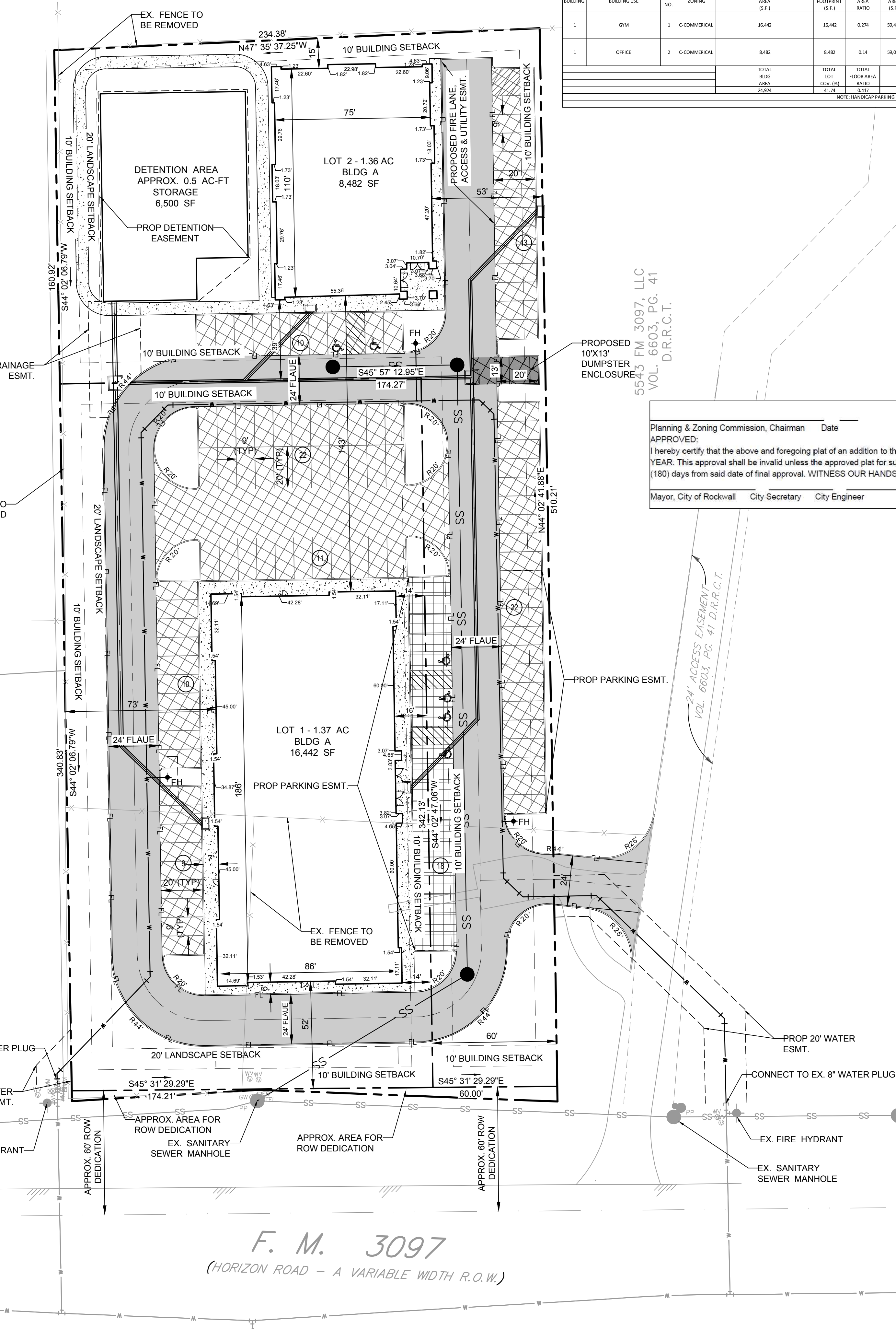
- PROPERTY LINE
- EASEMENT LINE
- PROP. CONCRETE SIDEWALK (TYP.)
- PROP. FIRE LANE, ACCESS & UTILITY ESMT.
- 5' LIGHT DUTY CONCRETE PAVEMENT
- 6' MEDIUM DUTY CONCRETE PAVEMENT
- 7' DUMPSTER CONCRETE PAVEMENT
- EXISTING FENCE
- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- PROPOSED STORM SEWER LINE
- PROPOSED WATER LINE
- PROPOSED SANITARY SEWER LINE
- PROPOSED MANHOLE
- PROPOSED IRRIGATION METER
- PROPOSED DOMESTIC METER
- PROPOSED GATE VALVE
- FIRE DEPARTMENT CONNECTION
- PROPOSED FIRE HYDRANT ASSEMBLY
- PROPOSED WYE INLET
- PROPOSED CURB INLET

**KEY**

- TYP TYPICAL
- BFR BARRIER FREE RAMP
- FH FIRE HYDRANT
- SSMH SEWER MANHOLE
- LP LIGHT POLE
- CI CURB INLET
- WM WATER METER
- EB ELECTRICAL BOX
- TEL TELEPHONE PEDESTAL
- PP POWER POLE
- ESMT EASEMENT
- (N) NUMBER OF PARKING SPACES
- STMH STORM MANHOLE
- WYE WYE INLET
- FDC FIRE DEPARTMENT CONNECTION
- WV WATER VALVE
- GW GUY WIRE
- FLAUE FIRE LANE, ACCESS & UTILITY ESMT.

**NOTES:**

1. CONTRACTOR TO NOTIFY ENGINEER IF EXISTING CONDITIONS VARY FROM THOSE SHOWN.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH CITY AND COUNTY REGULATIONS AS WELL AS O.S.H.A STANDARDS.
3. ALL DIMENSIONS ARE TO THE FACE OR CURB UNLESS OTHERWISE NOTED.
4. ALL FIRE LANE RADII ARE 20-FOOT MINIMUM.
5. ALL FIRE LANES ARE 24-FOOT WIDE MINIMUM.
6. HANDICAP PARKING AND MARKING SHALL BE IN ACCORDANCE WITH ADA STANDARDS.
7. REFER TO CITY OF ROCKWALL CONSTRUCTION DETAILS AND SPECIFICATIONS.
8. ALL SCREENING SHALL BE IN ACCORDANCE WITH CITY OF ROCKWALL REQUIREMENTS.
9. CONTRACTOR TO COORDINATE WITH CITY TRAFFIC ENGINEER PRIOR TO INSTALLING ROAD SIGNS OR PAVEMENT MARKINGS.
10. ALL WALLS (1.5' AND GREATER) TO BE ROCK OR STONE. NO WALLS IN EASEMENTS OR RIGHT-OF-WAYS.
11. WALLS 3' OR TALLER WILL REQUIRE TO BE ENGINEERED.



554-S FM 3097, LLC  
VOL. 6603, PG. 41  
D.R.R.C.T.

Planning & Zoning Commission, Chairman Date  
APPROVED:  
I hereby certify that the above and foregoing plat of an addition to the City of Rockwall, Texas, was approved by the City Council of the City of Rockwall on the DAY day of MONTH, YEAR. This approval shall be invalid unless the approved plat for such addition is recorded in the office of the County Clerk of Rockwall, County, Texas, within one hundred eighty (180) days from said date of final approval. WITNESS OUR HANDS, this DAY day of MONTH, YEAR.

Mayor, City of Rockwall City Secretary City Engineer

**F. M. 3097**  
(HORIZON ROAD - A VARIABLE WIDTH R.O.W.)

**SITE PLAN**  
HORIZON ROAD  
2.7391 ACRES BEING SITUATED IN THE W.W FORD SURVEY, ABSTRACT NO. 80  
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS  
SUBMITTED: SEPTEMBER 13, 2024

**PLATINUM CONSTRUCTION**  
**SITE PLAN**

**HORIZON RD. COMMERCIAL OFFICES**  
W.W FORD SURVEY, ABSTRACT NO. 80, TRACT 26-4  
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

**BGE, Inc.**  
2595 Dallas Parkway, Suite 101  
Frisco, TX 75034  
Tel: 972-464-4800 • www.bgeinc.com  
TBPE Registration No. F-1046  
Copyright 2020

**DEVELOPER**  
**PLATINUM CONSTRUCTION**  
1450 T L TOWNSEND DR. STE 100  
ROCKWALL, TX 75032  
TEL: (469) 222-1597  
CONTACT: SHAWN WALK

**OWNER**  
**SARO PARTNERS LLC**  
1450 S. T L TOWNSEND  
ROCKWALL, TX 75032  
TEL: (469) 222-1597  
CONTACT: SHAWN WALK

THESE PLANS ARE ISSUED FOR THE PURPOSE OF PRELIMINARY REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION. WHEN ISSUED IN FINAL FORM THEY WILL BE SEALED, SIGNED AND DATED.

RESPONSIBLE ENGINEER:  
BGE, INC.  
TEXAS REGISTERED ENGINEERING FIRM F-1046  
MCKENZIE L. JOSECK P.E.  
TEXAS REGISTRATION NO. 149338  
SEPTEMBER 11, 2024

**!CAUTION !**  
Contractor to Verify exact location & Depth of Exist Facilities Prior to any Construction Activities

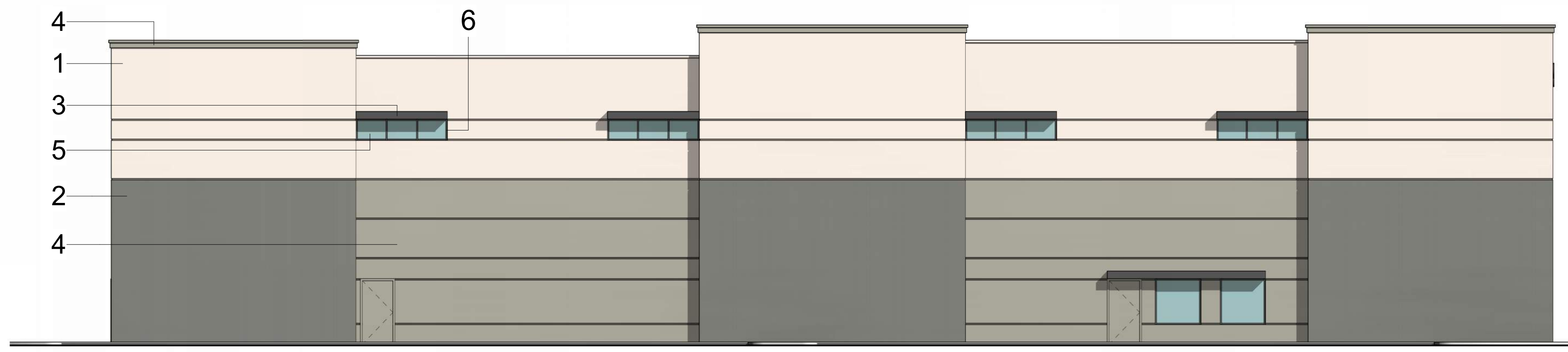
**CAUTION !**  
CONTACT: 1-800-DIG-TESS  
48 HOURS PRIOR TO CONSTRUCTION

REVISIONS		
REV. NO.	DATE	DESCRIPTION

CHECKED BY: MLJ  
DESIGNED BY: JM  
DATE: September 2024  
PROJECT NUMBER: 13185-00

SHEET NO  
**SP-1**





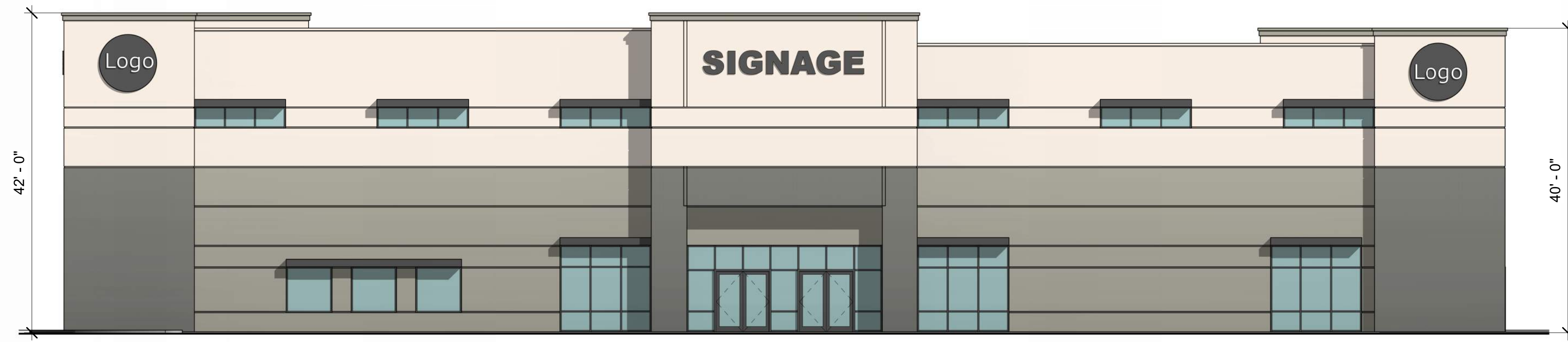
**NORTH ELEVATION**

3/32" = 1'-0"



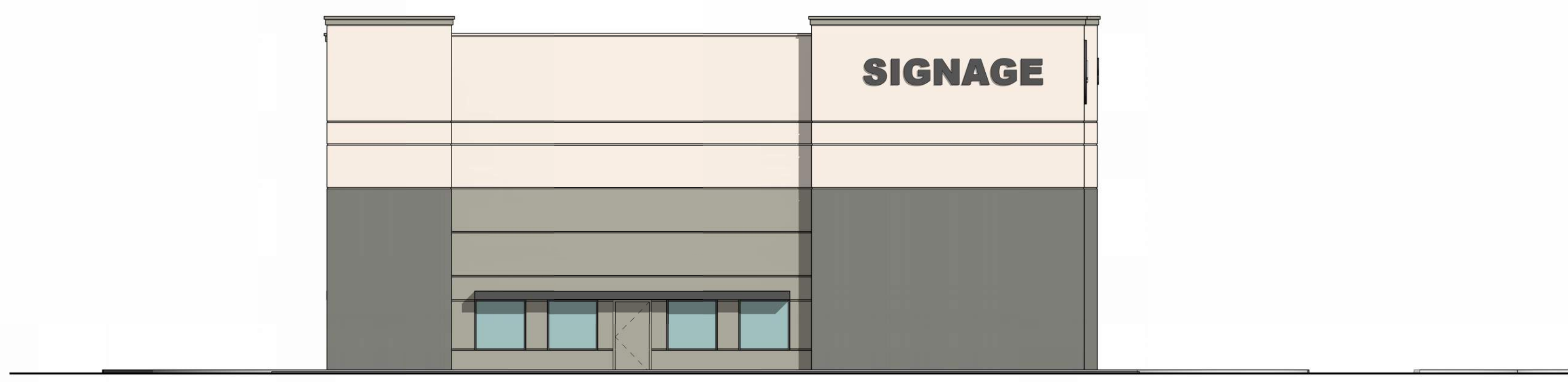
**EAST ELEVATION**

3/32" = 1'-0"



**SOUTH ELEVATION**

3/32" = 1'-0"

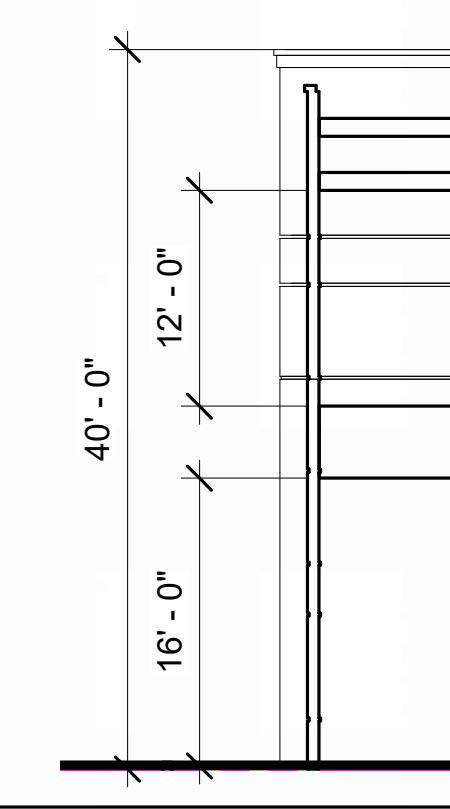


**WEST ELEVATION**

3/32" = 1'-0"

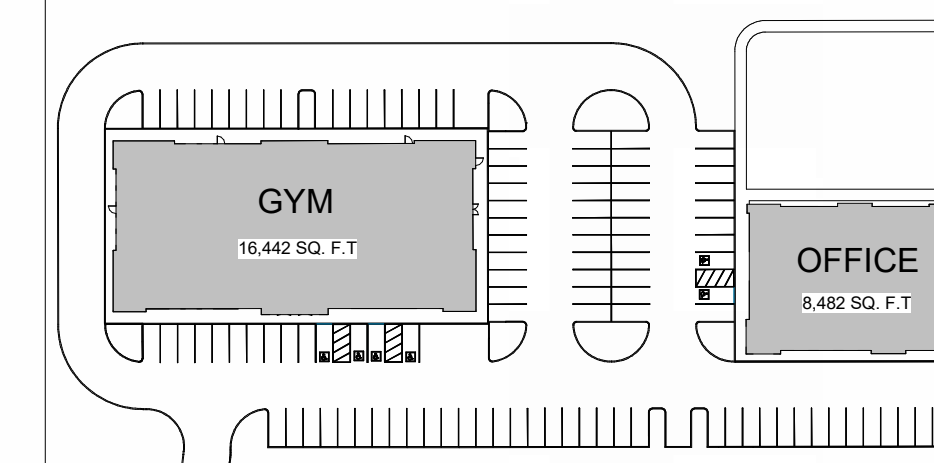
**MATERIALS & COLORS:**

- 1 - **STUCCO-PAINTED:**  
MFG: DUNN-EDWARDS  
COLOR: FRENCH WHITE  
SPEC: DEW311
- 2 - **STUCCO-PAINTED:**  
MFG: DUNN-EDWARDS  
COLOR: STONE MASON  
SPEC: DET615
- 3 - **PAINTED METAL:**  
MFG: DUNN-EDWARDS  
COLOR: CAVERNOUS  
SPEC: DE6364
- 4 - **PAINTED STUCCO:**  
MFG: DUNN-EDWARDS  
COLOR: WHALE WATCHING  
SPEC: DET512
- 5 - **GLAZING:**  
MFG: SOLARBAN  
COLOR: SOLARBAN 90(2) SOLARGRAY + CLEAR  
VLT: 26%
- 6 - **STOREFRONT MULLIONS:**  
MFG: KAWNEER  
COLOR: DARK BRONZE



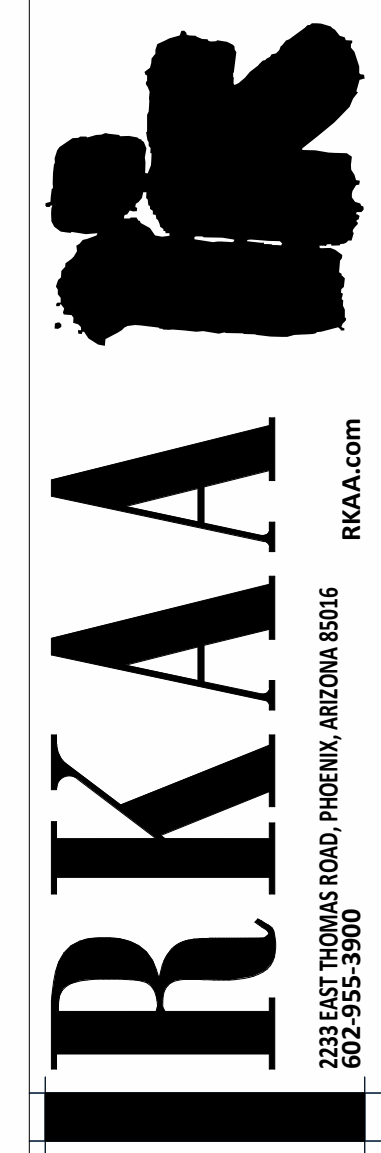
**GYM**

3/32" = 1'-0"



**KEYPLAN**

1" = 100'-0"



2233 EAST THOMAS ROAD, PHOENIX, ARIZONA 85016  
602-955-3900  
RKA.AA.COM

DATE: 09-11-2024

GYM - ELEVATIONS

NOTICE OF ACCURATE BILLING OR PAYMENT CYCLE:  
THIS CONTRACTOR MAY ALLOW THE OWNER TO REQUIRE  
THE SUBMISSION OF BILLING OR PAYMENT IN  
BILLING CYCLES OTHER THAN THIRTY DAYS. THIS  
CONTRACT MAY ALLOW OWNER TO MAKE PAYMENT  
ON SOME ALTERNATE SCHEDULE AFTER  
CONSTRUCTION AND APPROVAL OF BILLING AND  
ESTIMATES. A WRITTEN DESCRIPTION OF SUCH OTHER  
BILLING CYCLE APPLICABLE TO THE PROJECT IS  
AVAILABLE FROM OWNER OR DESIGNATED AGENT.  
NAME:  
ADDRESS:  
CONTACT:  
PHONE:

5543 HORIZON ROAD ROCKWALL, TEXAS  
**(SCHEMATIC DESIGN)**

COPYRIGHT 2024. ALL RIGHTS RESERVED. THIS  
DRAWING IS A REPRESENTATION OF SERVICE. IT IS THE  
PROPERTY OF ROBERT KRAMER ARCHITECTS AND  
ASSOCIATES, INC. AND MAY NOT BE REPRODUCED OR  
REPRODUCTION FOR ANY USES WITHOUT WRITTEN  
PERMISSION OF THE CORPORATION.

DESIGN BY: KR  
DRAWN BY: KR  
CHECKED BY: NF

**A1.1**  
PROJECT #: 24216.50





NOTICE OF ACCURATE BILLING OR PAYMENT CYCLE:  
 THIS CONTRACTOR MAY ALLOW THE OWNER TO REQUIRE  
 THE SUBMISSION OF BILLING OR PAYMENTS BY  
 BILLING CYCLES OTHER THAN THIRTY DAYS. THIS  
 CONTRACT MAY ALLOW OWNER TO MAKE PAYMENT  
 ON SOME ALTERNATIVE SCHEDULE AFTER  
 CONSULTATION AND APPROVAL OF BILLING AND  
 ESTIMATES. A WRITTEN DESCRIPTION OF SUCH OTHER  
 BILLING CYCLE APPLICABLE TO THE PROJECT IS  
 AVAILABLE FROM OWNER OR DESIGNATED AGENT.  
 NAME:  
 ADDRESS:  
 CONTACT:  
 PHONE:

5543 HORIZON ROAD ROCKWALL, TEXAS  
 (SCHEMATIC DESIGN)

COPYRIGHT 2024. ALL RIGHTS RESERVED. THIS  
 DRAWING IS A INSTRUMENT OF SERVICE. IT IS THE  
 PROPERTY OF ROBERT KRAMER ARCHITECTS AND  
 ASSOCIATES, INC. AND MAY NOT BE REPRODUCED OR  
 REPRODUCTION HEREOF USED, WITHOUT WRITTEN  
 PERMISSION OF THE CORPORATION.

DESIGN BY: KR  
 DRAWN BY: KR  
 CHECKED BY: NF

**A1.2**  
 PROJECT #: 24216.50





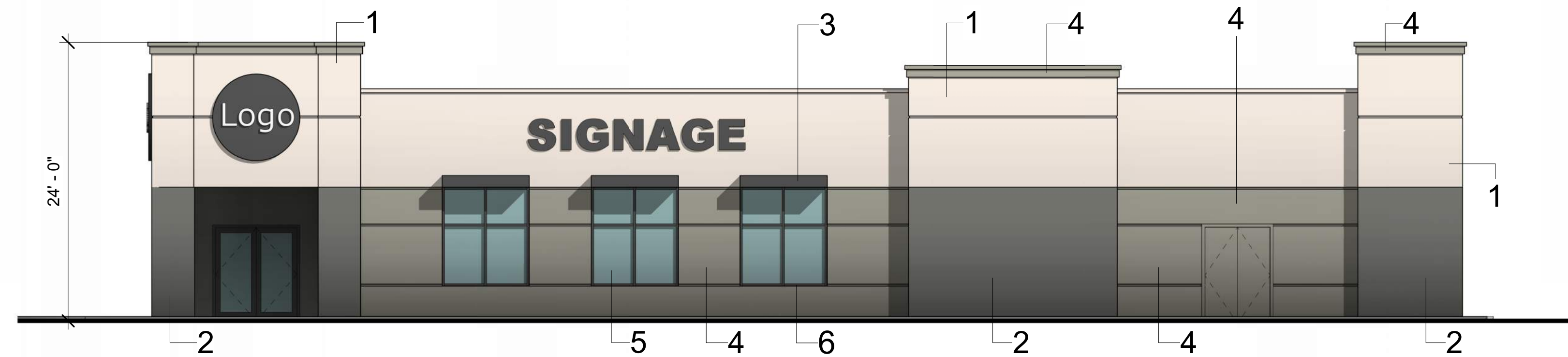
**NORTH OFFICE BUILDING ELEVATION**

1/8" = 1'-0"



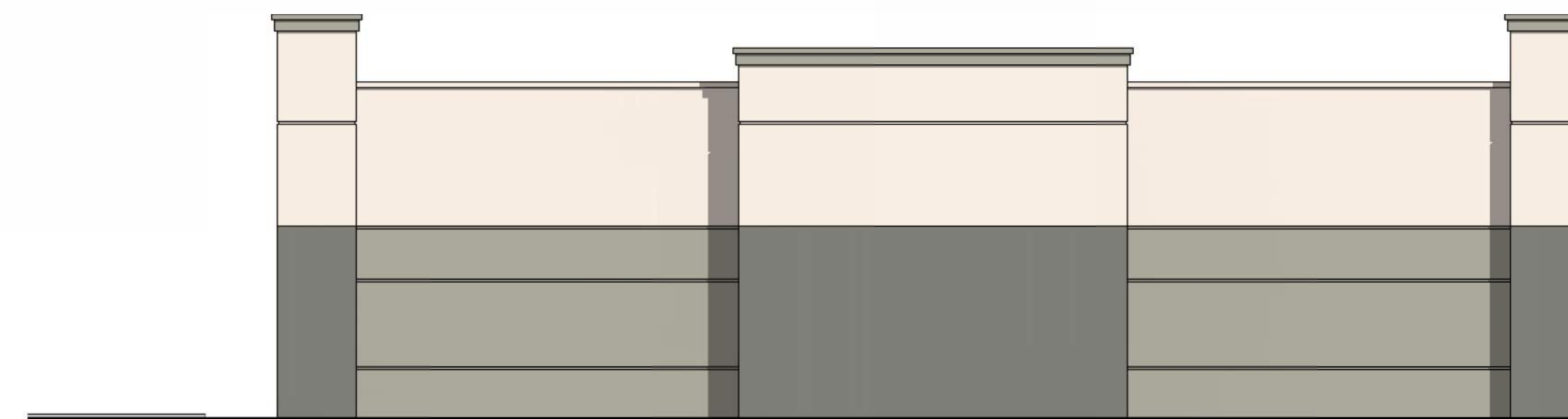
**WEST OFFICE BUILDING ELEVATION**

1/8" = 1'-0"



**SOUTH OFFICE BUILDING ELEVATION**

1/8" = 1'-0"



**EAST OFFICE BUILDING ELEVATION**

1/8" = 1'-0"

**MATERIALS & COLORS:**

- 1 - **STUCCO-PAINTED:**  
MFG: DUNN-EDWARDS  
COLOR: FRENCH WHITE  
SPEC: DEW311
- 2 - **STUCCO-PAINTED:**  
MFG: DUNN-EDWARDS  
COLOR: STONE MASON  
SPEC: DET615
- 3 - **PAINTED METAL:**  
MFG: DUNN-EDWARDS  
COLOR: CAVERNOUS  
SPEC: DE6364
- 4 - **PAINTED STUCCO:**  
MFG: DUNN-EDWARDS  
COLOR: WHALE WATCHING  
SPEC: DET512
- 5 - **GLAZING:**  
MFG: SOLARBAN  
COLOR: SOLARBAN 90(2) SOLARGRAY + CLEAR  
VLT 26%
- 6 - **STOREFRONT MULLIONS:**  
MFG: KAWNEER  
COLOR: DARK BRONZE



**RKAA**  
2233 EAST THOMAS ROAD, PHOENIX, ARIZONA 85016  
602-955-3900  
RKAA.com

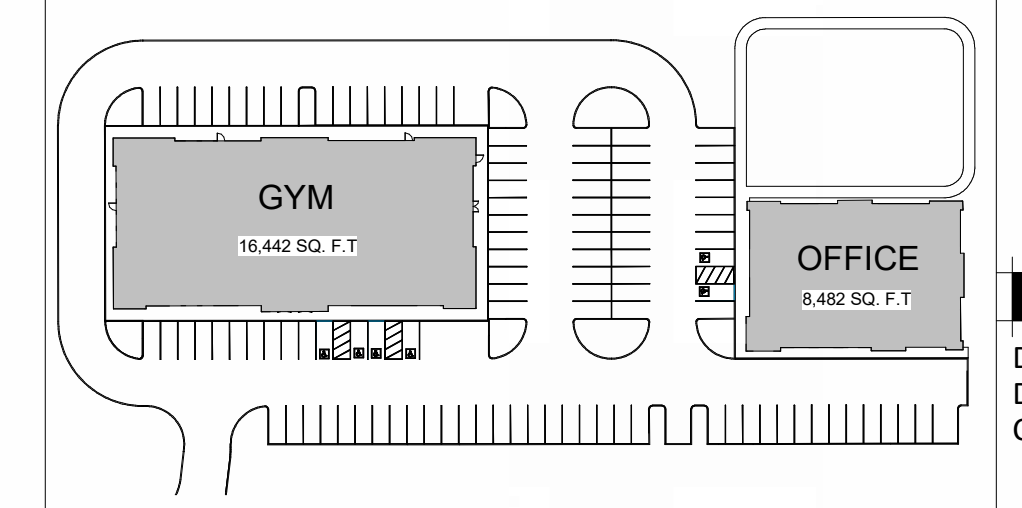
DATE: 09-11-2024

OFFICE - ELEVATIONS

NOTICE OF ACCURATE BILLING OR PAYMENT CYCLE:  
THIS CONTRACTOR MAY ALLOW THE OWNER TO REQUIRE  
THE SUBMISSION OF BILLING OR PAYMENT BY  
BILLING CYCLES OTHER THAN THIRTY DAYS. THIS  
CONTRACTOR WILL ALLOW OWNER TO MAKE PAYMENT  
ON SOME ALTERNATE SCHEDULE AFTER  
CONSULTATION AND APPROVAL OF BILLING AND  
ESTIMATES. A WRITTEN DESCRIPTION OF SUCH OTHER  
BILLING CYCLE APPLICABLE TO THE PROJECT IS  
AVAILABLE FROM OWNER OR DESIGNATED AGENT.  
NAME:  
ADDRESS:  
CONTACT:  
PHONE:

5543 HORIZON ROAD ROCKWALL, TEXAS

(SCHEMATIC DESIGN)



**KEYPLAN.**

1" = 100'-0"

COPYRIGHT 2024. ALL RIGHTS RESERVED. THIS  
DRAWING IS A INSTRUMENT OF SERVICE. IT IS THE  
PROPERTY OF ROBERT KRAMER ARCHITECTS AND  
ASSOCIATES, INC. AND MAY NOT BE REPRODUCED OR  
REPRODUCTION HEREOF USED, WITHOUT WRITTEN  
PERMISSION OF THE CORPORATION.

DESIGN BY: KR  
DRAWN BY: KR  
CHECKED BY: NF

**A2.1**  
PROJECT #: 24216.50





NOTICE OF ALTERNATE BILLING OR PAYMENT CYCLE:  
 THIS CONTRACTOR MAY ALLOW THE OWNER TO REQUIRE  
 THE SUBMISSION OF BILLING OR ESTIMATES BY  
 BILLING CYCLES OTHER THAN THIRTY DAYS. THIS  
 CONTRACTOR MAY ALLOW OTHER TO MAKE PAYMENT  
 ON SOME ALTERNATE SCHEDULE AFTER  
 CONSULTATION AND APPROVAL OF BILLING AND  
 ESTIMATES. A WRITTEN DESCRIPTION OF SUCH OTHER  
 BILLING CYCLE APPLICABLE TO THE PROJECT IS  
 AVAILABLE FROM OWNER OR DESIGNATED AGENT.  
 NAME:  
 ADDRESS:  
 CONTACT:  
 PHONE:

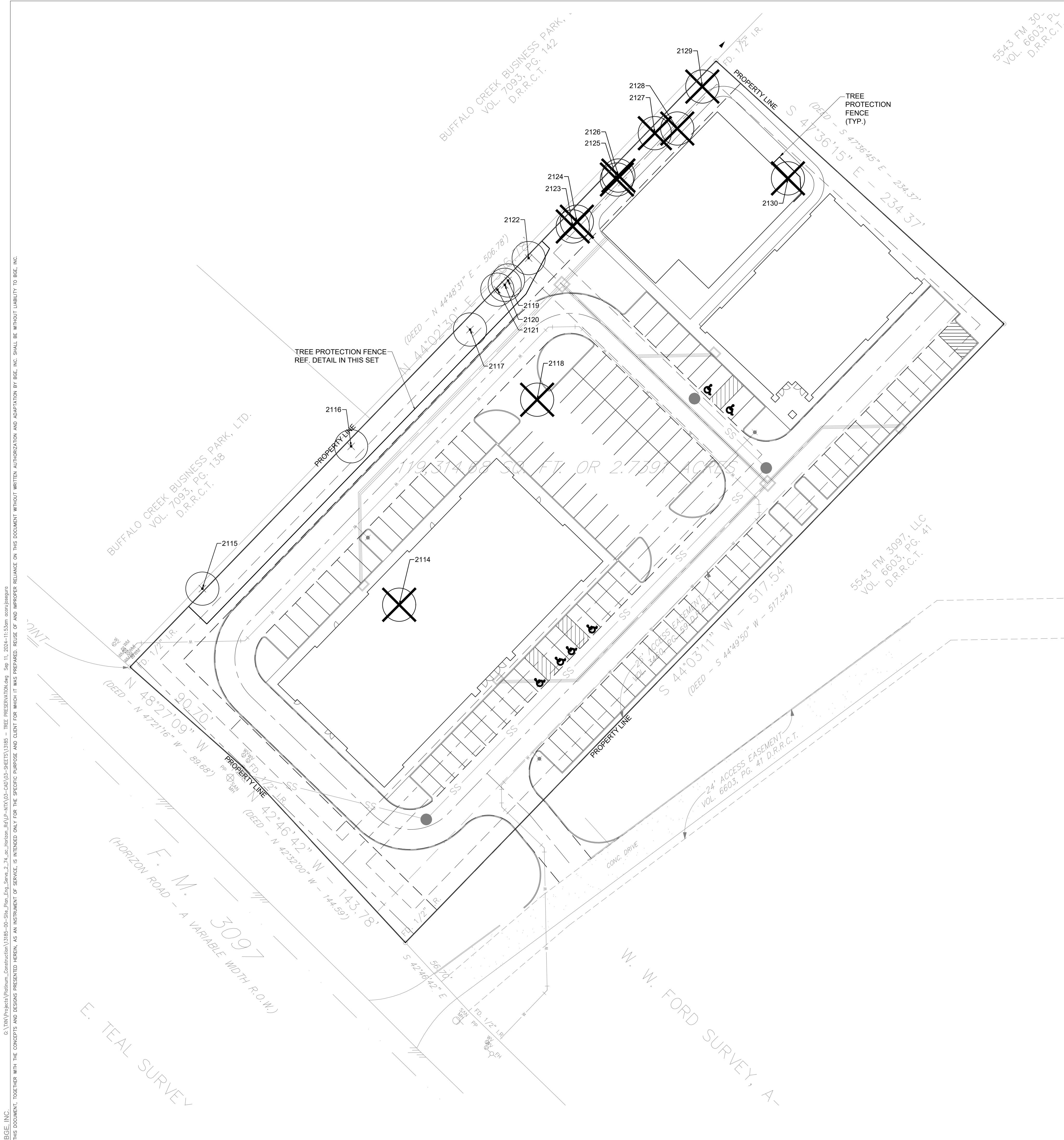
5543 HORIZON ROAD ROCKWALL, TEXAS  
 (SCHEMATIC DESIGN)

COPYRIGHT 2023. ALL RIGHTS RESERVED. THIS  
 DRAWING IS A REPRESENTATION OF SERVICE. IT IS THE  
 PROPERTY OF IRKAA ARCHITECTS AND  
 ASSOCIATES, INC. AND MAY NOT BE REPRODUCED OR  
 REPRODUCTION WITHOUT WRITTEN  
 PERMISSION OF THE CORPORATION.

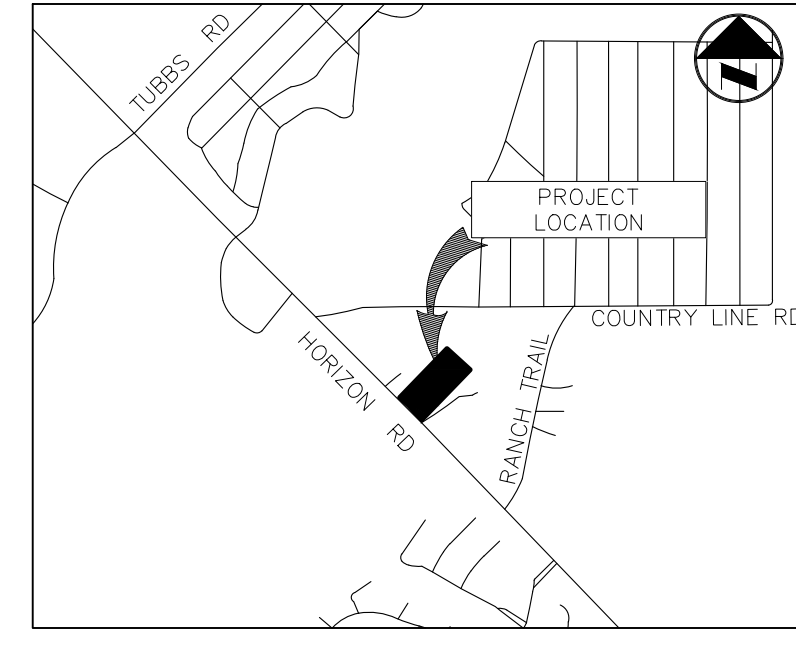
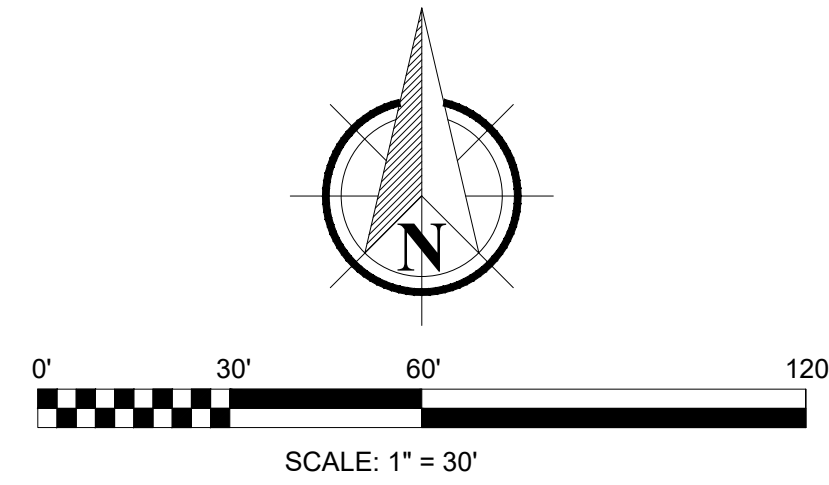
DESIGN BY: KR  
 DRAWN BY: KR  
 CHECKED BY: NF

**A2.2**  
 PROJECT #: 24216.50



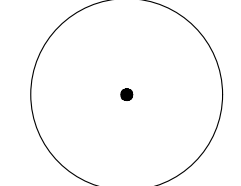
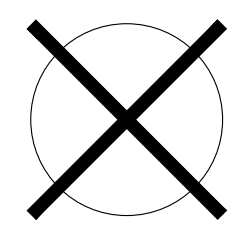



5543 FM 3097  
VOL. 6603, PG. 41  
D.R.R.C.T.



**VICINITY MAP**  
(NOT TO SCALE)

**LEGEND**

-  PRESERVED TREE
-  TREE TO BE REMOVED
-  TREE PROTECTION FENCE

TAG#	DBH	COMMON NAME	SCIENTIFIC NAME	STATUS	MITIGATION INCHES
2114	4"	Hercules Club	<i>Zanthoxylum clava-herculis</i>	Demo	0
2115	11"	Sugarberry	<i>Celtis laevigata</i>	Remain	0
2116	14.5"	Sugarberry	<i>Celtis laevigata</i>	Remain	0
2117	18"	Sugarberry	<i>Celtis laevigata</i>	Remain	0
2118	25"	Sugarberry	<i>Celtis laevigata</i>	Demo	12.5
2119	16.5"	Sugarberry	<i>Celtis laevigata</i>	Remain	0
2120	11.5"	Sugarberry	<i>Celtis laevigata</i>	Remain	0
2121	16"	Sugarberry	<i>Celtis laevigata</i>	Remain	0
2122	16.5"	Sugarberry	<i>Celtis laevigata</i>	Remain	0
2123	23"	Sugarberry	<i>Celtis laevigata</i>	Demo	11.5
2124	15"	Sugarberry	<i>Celtis laevigata</i>	Demo	7.5
2125	14"	Sugarberry	<i>Celtis laevigata</i>	Demo	7
2126	11"	Eastern Red Cedar	<i>Juniperus virginiana</i>	Demo	5.5
2127	23"	Sugarberry	<i>Celtis laevigata</i>	Demo	11.5
2128	13"	Sugarberry	<i>Celtis laevigata</i>	Demo	6.5
2129	22"	Sugarberry	<i>Celtis laevigata</i>	Demo	11
2130	7"	Hercules Club	<i>Zanthoxylum clava-herculis</i>	Demo	0
<b>TOTAL MITIGATION INCHES</b>					<b>73</b>

**CITY SUBMITTAL SET**  
**TREE PRESERVATION PLAN**  
**HORIZON RD. COMMERCIAL OFFICES**  
**W.W FORD SURVEY, ABSTRACT NO. 80, TRACT 26-4**  
**CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS**

THESE PLANS ARE ISSUED FOR THE PURPOSE OF PRELIMINARY REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION. WHEN ISSUED IN FINAL FORM THEY WILL BE SEALED, SIGNED AND DATED.

RESPONSIBLE LANDSCAPE ARCHITECT:  
MICHAEL STOTTLER, P.L.A.  
TEXAS REGISTRATION NO. 3743  
BGE, INC.  
TEXAS REGISTERED ENGINEERING FIRM F-1046  
9/11/2024

**!CAUTION!**  
Contractor to Verify exact location & Depth of Exist Facilities Prior to any Construction Activities

**CAUTION!!!**  
CONTACT: 1-800-DIG-TESS  
48 HOURS PRIOR TO CONSTRUCTION

REVISIONS		
REV. NO.	DATE	DESCRIPTION

CHECKED BY: MLS  
DESIGNED BY: NPS  
DATE: 9/11/2024  
PROJECT NUMBER: 13185-00

SHEET NO  
**L1.00**  
TREE PRESERVATION PLAN



**BGE, Inc.**  
2595 Dallas Parkway, Suite 101  
Frisco, TX 75034  
Tel: 972-464-4800 • www.bgeinc.com  
TBPE Registration No. F-1046  
Copyright 2024

**DEVELOPER**  
**PLATINUM CONSTRUCTION**  
1450 TL TOWNSEND DR. STE 100  
ROCKWALL, TX 75032  
TEL: (469) 222-1597  
CONTACT: SHAWN VALK

**OWNER**  
**SARO PARTNERS LLC**  
1450 S. T L TOWNSEND  
ROCKWALL, TX 75302  
TEL: (000) 000-0000  
CONTACT: JAY KANTER



**Know what's below.**  
**Call before you dig.**  
(@ least 48 hours prior to digging)

BGE, INC. THE DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY BGE, INC. SHALL BE WITHOUT LIABILITY TO BGE, INC.





**BGE, Inc.**  
 2595 Dallas Parkway, Suite 101  
 Frisco, TX 75034  
 Tel: 972-464-4800 • www.bgeinc.com  
 TBPE Registration No. F-1046  
 Copyright 2024

**DEVELOPER**  
**PLATINUM CONSTRUCTION**  
 1450 TL TOWNSEND DR. STE 100  
 ROCKWALL, TX 75032  
 TEL: (469) 222-1597  
 CONTACT: SHAWN VALK

**OWNER**  
**SARO PARTNERS LLC**  
 1450 S. T L TOWNSEND  
 ROCKWALL, TX 75302  
 TEL: (000) 000-0000  
 CONTACT: JAY KANTER

CITY SUBMITTAL SET

**TREE PRESERVATION DETAILS**

**HORIZON RD. COMMERCIAL OFFICES**  
 W.W FORD SURVEY, ABSTRACT NO. 80, TRACT 26-4  
 CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

THESE PLANS ARE ISSUED FOR THE PURPOSE OF PRELIMINARY REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION. WHEN ISSUED IN FINAL FORM THEY WILL BE SEALED, SIGNED AND DATED.

RESPONSIBLE LANDSCAPE ARCHITECT:  
 MICHAEL STOTTLER, PLA  
 TEXAS REGISTRATION NO. 3743  
 BGE, INC.  
 TEXAS REGISTERED ENGINEERING FIRM F-1046  
 9/11/2024

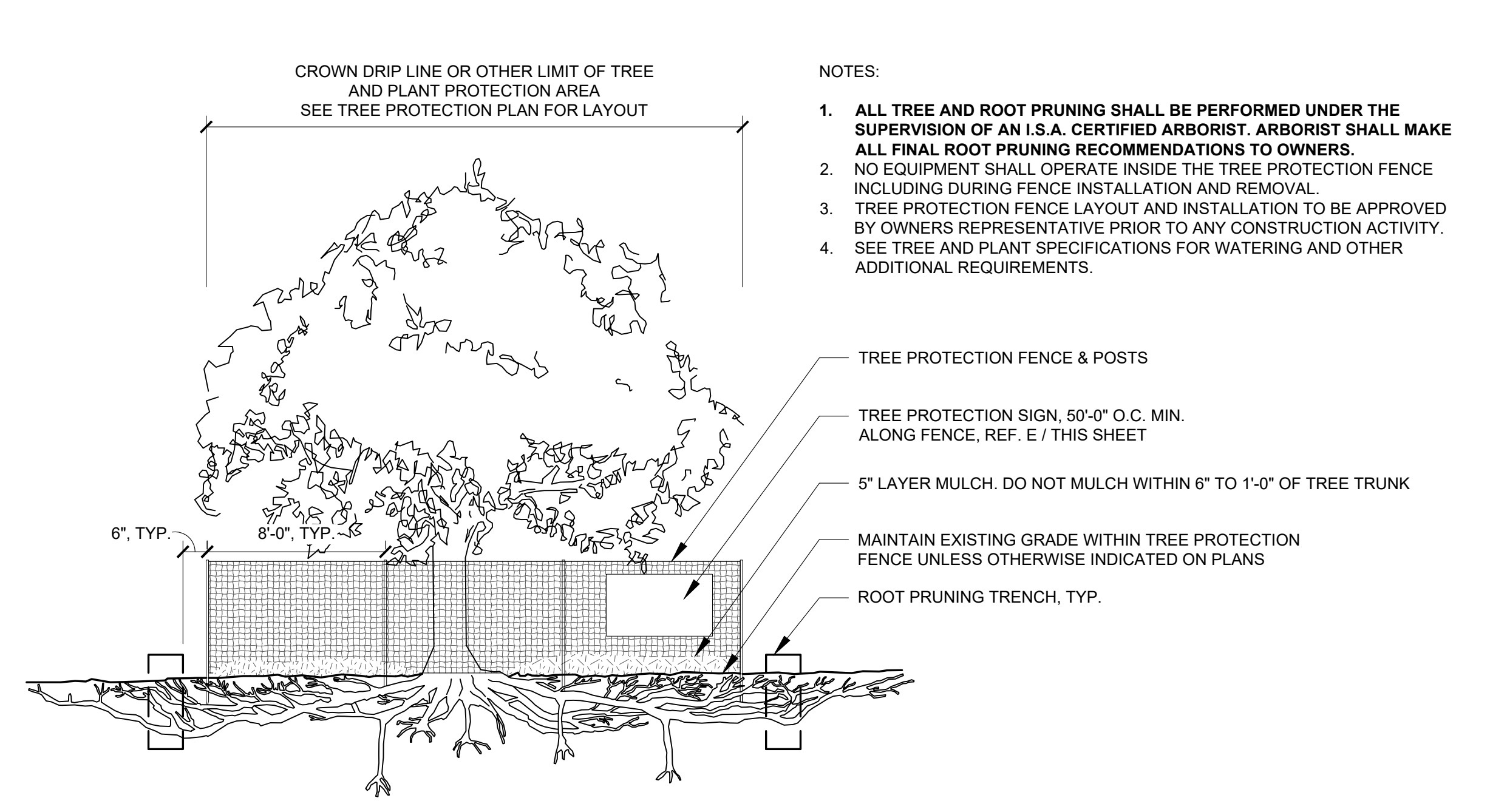
**!CAUTION !**  
 Contractor to Verify exact location & Depth of Exist Facilities Prior to any Construction Activities

**CAUTION !!!**  
 CONTACT: 1-800-DIG-TESS  
 48 HOURS PRIOR TO CONSTRUCTION

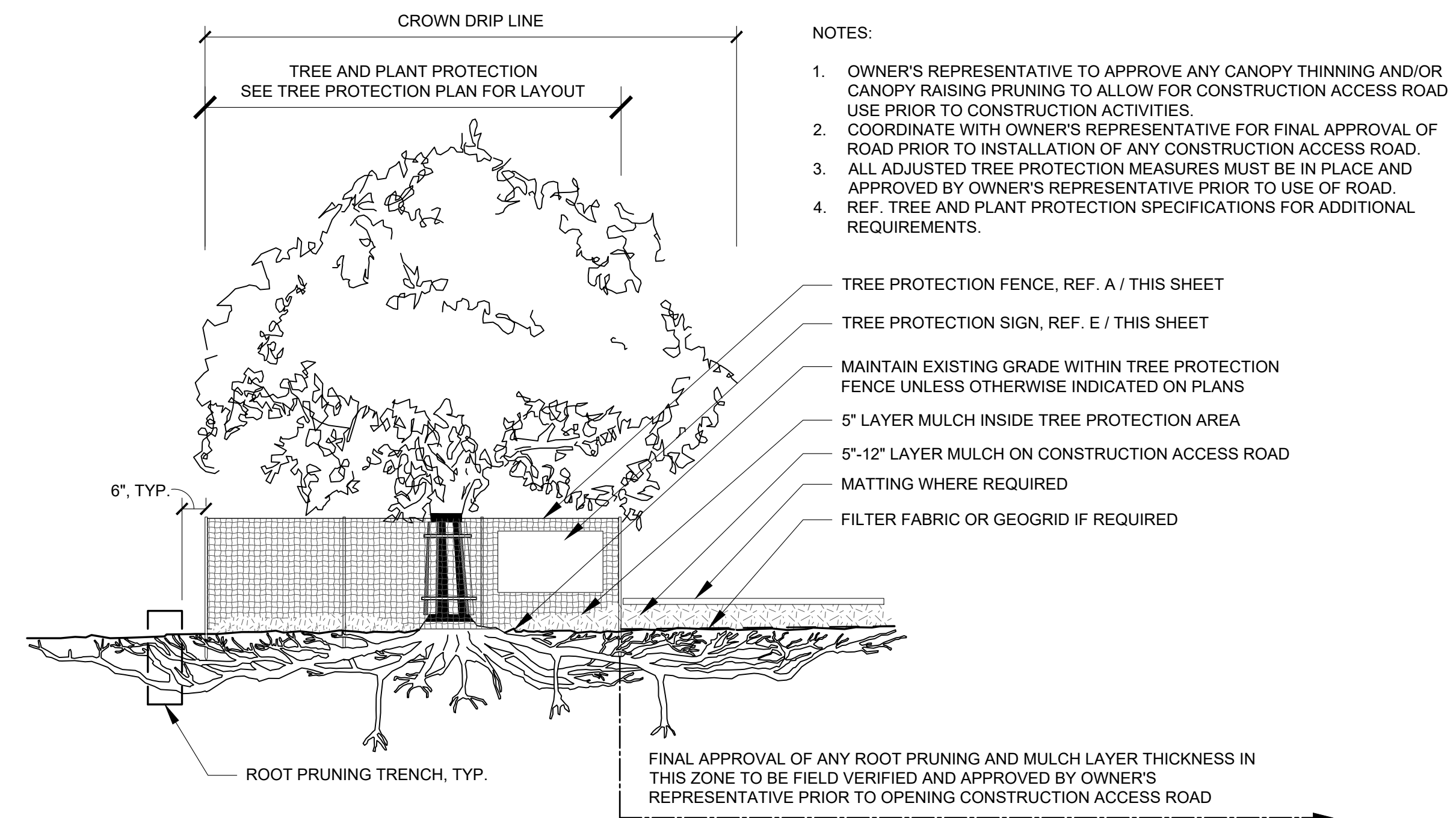
REVISIONS		
REV. NO.	DATE	DESCRIPTION

CHECKED BY: MLS  
 DESIGNED BY: NPS  
 DATE: 9/11/2024  
 PROJECT NUMBER: 13185-00

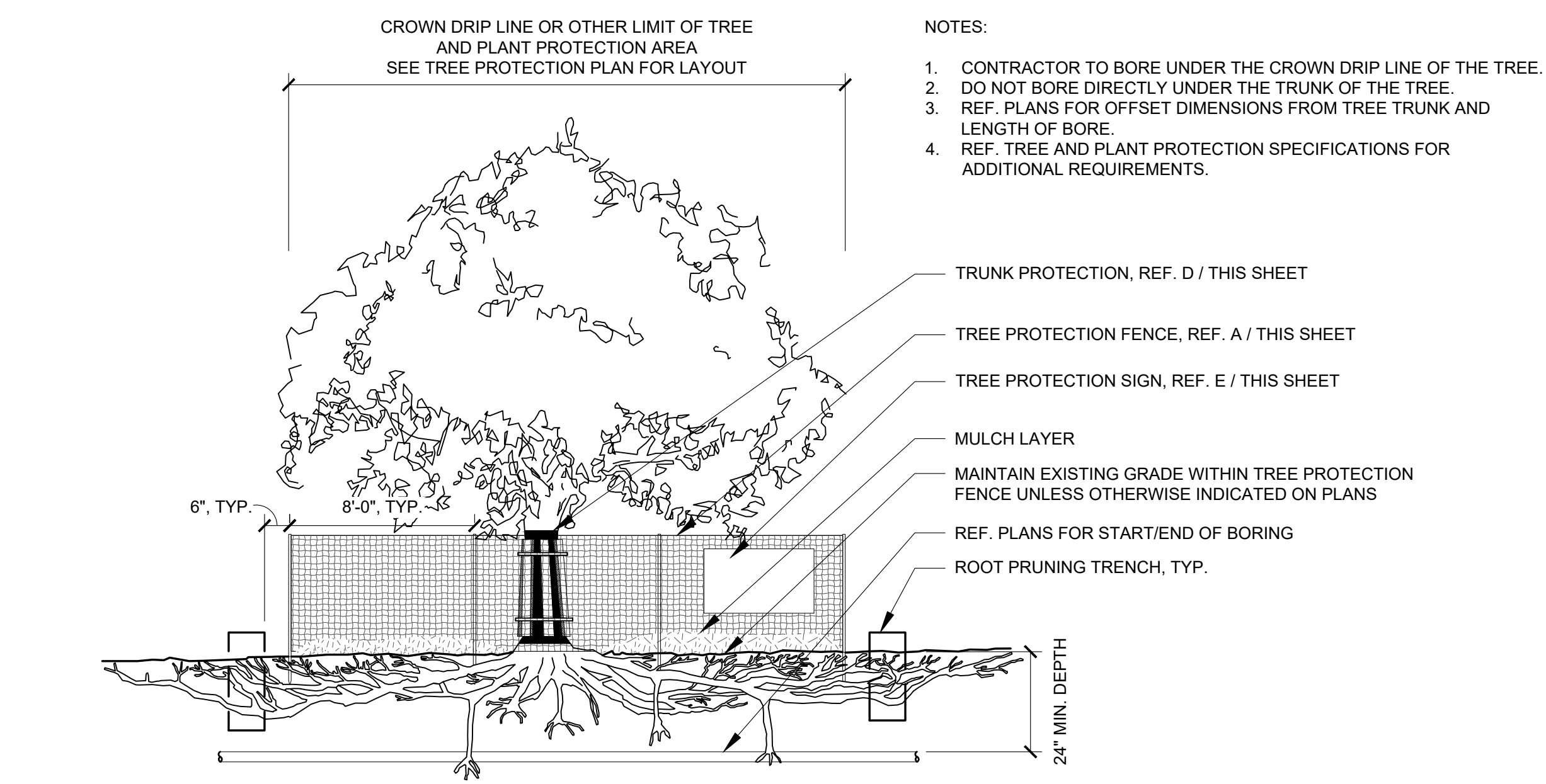
SHEET NO  
**L1.01**  
 TREE PRESERVATION  
 DETAILS



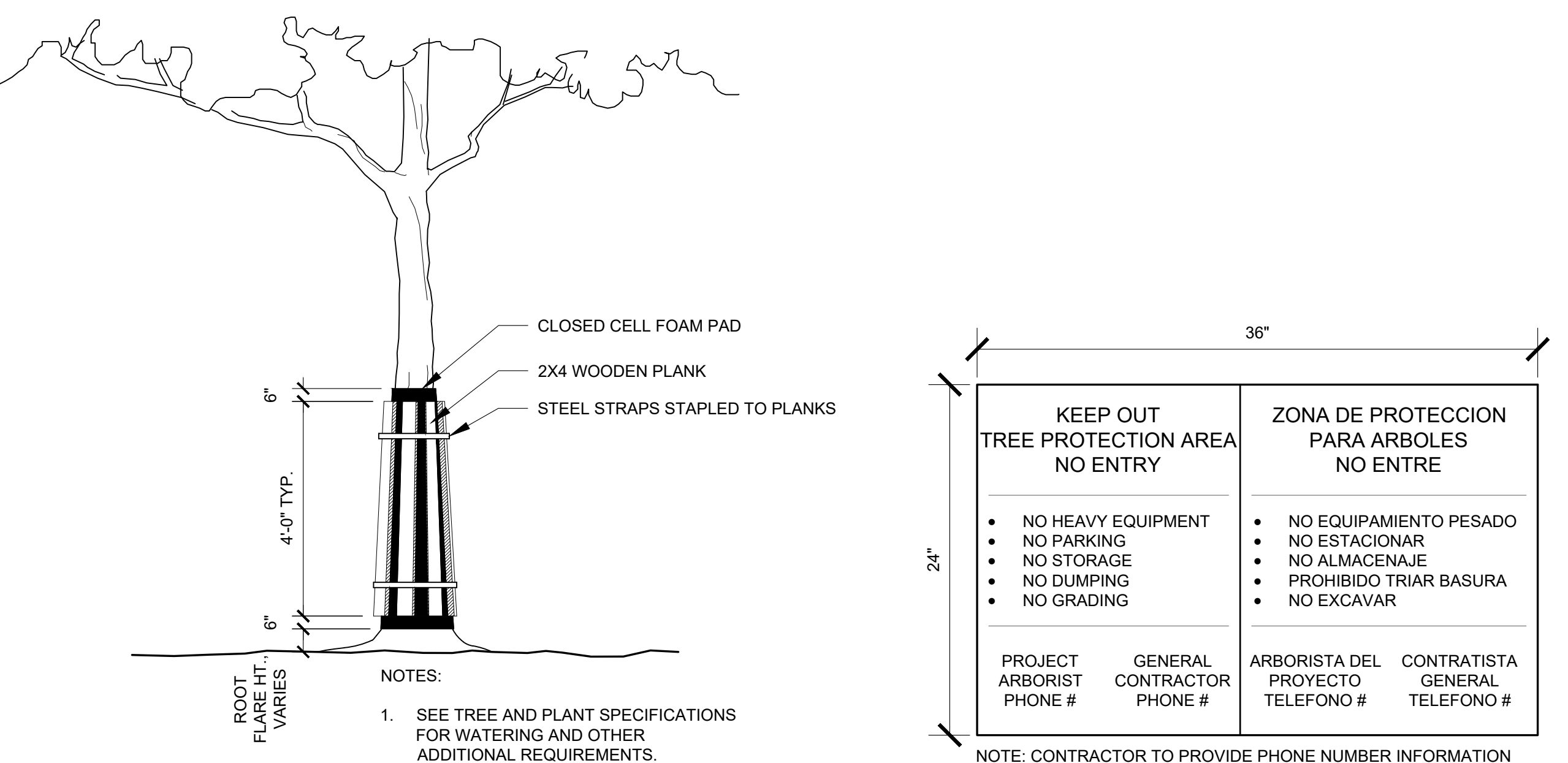
**A** TYPICAL TREE PROTECTION FENCING  
 SECTION NOT TO SCALE



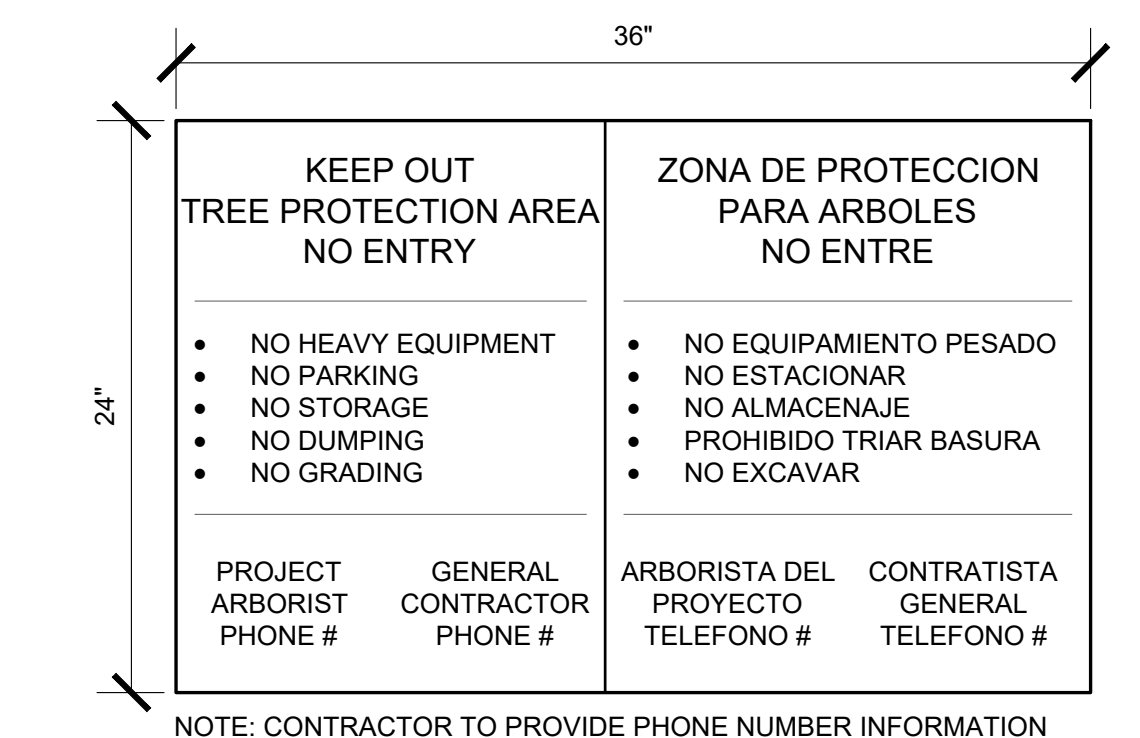
**C** TREE PROTECTION: CONSTRUCTION ACCESS ROAD  
 SECTION NOT TO SCALE



**B** TREE PROTECTION: UTILITY BORING UNDER DROWN DRIP LINE  
 SECTION NOT TO SCALE



**D** TRUNK PROTECTION  
 ELEVATION NOT TO SCALE



**E** TRUNK PROTECTION  
 ENLARGEMENT NOT TO SCALE

**811**  
 Know what's below.  
 Call before you dig.  
 (@ least 48 hours prior to digging)

BGE, INC. THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, IS AN INSTRUMENT OF SERVICE. © INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY BGE, INC. SHALL BE WITHOUT LIABILITY TO BGE, INC. © 2024 BGE, INC. ALL RIGHTS RESERVED. PROJECT: 13185-00, SHEET: L1.01, DATE: 9/11/2024







BGE, INC. THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY BGE, INC. SHALL BE WITHOUT LIABILITY TO BGE, INC. © 2024 BGE, INC. All Rights Reserved. BGE, INC. 11/2024

**GENERAL NOTES:**

- VERIFY SITE INFORMATION, INCLUDING PROPERTY LINES, EASEMENTS, BUILDINGS, ROADWAY CURBS AND GUTTERS, UTILITIES AND OTHER INFORMATION AFFECTING THE SCOPE OF WORK INCLUDED ON THESE DRAWINGS. MORE SPECIFIC UTILITY INFORMATION IS INDICATED ON THE OTHER CONSULTANTS DRAWINGS, THE CIVIL DRAWINGS, AND SITE RECORD DRAWINGS AVAILABLE FROM THE OWNER. THE CONTRACTOR SHALL CONTACT THE OWNER AND THE LANDSCAPE ARCHITECT FOR DIRECTION ON HOW TO PROCEED IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE CIVIL ENGINEER'S OR LANDSCAPE ARCHITECT'S PLANS.
- THE CONTRACTOR SHALL NOTIFY LOCAL AUTHORITIES AND THE GENERAL CONTRACTOR FOR LOCATION OF EXISTING UNDERGROUND UTILITIES. EXCAVATE AS NECESSARY TO CONFIRM LOCATIONS PRIOR TO EXCAVATION.
- EXCAVATION IN THE VICINITY OF UTILITIES SHALL BE UNDERTAKEN WITH CARE. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL SITE UTILITIES PRIOR TO BEGINNING EXCAVATION. ANY DAMAGE TO UTILITIES THAT ARE TO REMAIN CAUSED BY ANY PERSON, VEHICLE, EQUIPMENT, OR TOOL RELATED TO THE EXECUTION OF THE CONTRACT SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER.
- CONTRACTOR TO VERIFY CONSTRUCTION COMPLIANCE WITH AMERICANS WITH DISABILITIES ACT (ADA) OF 1990, AS AMENDED, THE ADA ACCESSIBILITY GUIDELINES (ADAAG) OF 2004, AS AMENDED, AND THE TEXAS ACCESSIBILITY STANDARDS, AS AMENDED. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
- CONTRACTOR TO PROVIDE NECESSARY EROSION CONTROL MEASURES AS NEEDED.
- ALL CONSTRUCTION WILL CONFORM TO THESE PLANS AND SPECIFICATIONS. ALL CONSTRUCTION WILL ALSO CONFORM TO ALL RELEVANT CITY STANDARDS AND SPECIFICATIONS.

**DEMOLITION NOTES:**

- CONTRACTOR TO VERIFY LOCATIONS OF EXISTING UTILITIES AND UNLESS NOTED OTHERWISE, MAINTAIN THEM IN OPERATION DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.
- REFERENCE CIVIL DRAWINGS FOR LIMITS OF REQUIRED DEMOLITION.
- CONTRACTOR SHALL TAKE CARE TO MINIMIZE DISTURBANCE TO EXISTING TREE TRUNKS AND ROOT SYSTEMS. ALL DEMOLITION ADJACENT TO EXISTING TREES SHALL BE COMPLETED USING HAND TOOLS, NO LARGE EQUIPMENT OR ANY EQUIPMENT WITH TRACKS SHALL BE ALLOWED TO WORK UNDER THE DRIP LINE OF ANY EXISTING TREES TO REMAIN. THERE SHALL BE NO STORAGE OF MATERIAL OR PARKING WITHIN THE DRIPLINE OF EXISTING TREES TO REMAIN.
- SITE BASE INFORMATION (BOUNDARIES, UTILITIES, TOPOGRAPHY & STRUCTURES) ARE SHOWN AS PROVIDED BY SURVEYOR. CONTRACTOR SHALL VERIFY GRADES, UTILITIES AND SITE CONDITIONS PRIOR TO BEGINNING CONSTRUCTION. BGE, INC ASSUMES NO LIABILITY FOR THE ACCURACY OF THIS SURVEY INFORMATION.
- DURING DEMOLITION THE CONTRACTOR SHALL EXERCISE CAUTION NOT TO DAMAGE THE EXISTING FEATURES THAT ARE TO REMAIN INSIDE AND OUTSIDE OF THE PROJECT CONSTRUCTION AREA. DAMAGE RESULTING FROM CONTRACTOR'S WORK SHALL BE REPAIRED AND RESTORED TO THE COMPLETE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR. UTILITIES AND THEIR CONTINUATION THROUGH DEMOLISHED AREAS ARE TO REMAIN IN PLACE. PROTECT AS REQUIRED. DEMOLISH UTILITIES ONLY IF SHOWN ON THESE OR ARCHITECT/ENGINEERS DRAWINGS.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL AREAS TO BE DEMOLISHED AS A PART OF THIS CONTRACT. CONDITIONS VARYING FROM THESE PLANS & SPECIFICATIONS MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT. CLEARLY MARK ALL ITEMS FOR DEMOLITION FOR LANDSCAPE ARCHITECTS APPROVAL PRIOR TO BEGINNING DEMOLITION WORK.
- CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF ALL DESIGNATED TREES, SHRUBS & GROUND COVER PRIOR TO THE START OF NEW CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR CAPPING & ABANDONING ALL IRRIGATION LINES IN THE DEMOLITION AREA.

**PLANTING NOTES:**

- CONTRACTOR SHALL STAKE OUT ALL INFORMAL TREE LOCATIONS IN FIELD USING COLORED FLAGS FOR EACH DIFFERENT TREE SPECIES FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATION. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST PLANTS TO EXACT LOCATION IN FIELD.
- SHRUB, GROUND COVER & SEASONAL COLOR BED LAYOUTS SHALL BE STAKED FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO EXCAVATION.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ADVISE THE LANDSCAPE ARCHITECT OF ANY CONDITION FOUND ON THE SITE WHICH PROHIBITS INSTALLATION AS SHOWN ON THESE DRAWINGS.
- ALL SHRUB & GROUND COVER BEDS SHALL HAVE A MINIMUM THREE (3) INCH LAYER OF HARDWOOD MULCH. CONTRACTOR TO SUPPLY OWNER WITH SAMPLE FOR APPROVAL. CONTRACTOR TO SUPPLY A BID ALTERNATE FOR ROCK MULCH FOR ALL BEDS.
- ANNUAL BEDS TO RECEIVE MINIMUM 3" HARDWOOD MULCH. CONTRACTOR TO SUPPLY OWNER WITH SAMPLE FOR APPROVAL.
- TREES SHALL BE PLANTED AS LEAST FOUR (4) FEET FROM ANY UTILITY LINE, CURB, SIDEWALK OR FIRE CONNECTION AND OUTSIDE ALL UTILITY EASEMENTS.
- TREES OVERHANGING SIDEWALKS AND PARKING OR PEDESTRIAN AREAS SHALL HAVE A MINIMUM CLEAR TRUNK BRANCHING HEIGHT OF SEVEN (7) FEET.
- TREES OVERHANGING VISIBILITY EASEMENTS OR RIGHT-OF WAYS SHALL HAVE A MINIMUM CLEAR TRUNK HEIGHT OF NINE (9) FEET.
- TREES OVERHANGING PUBLIC STREET PAVEMENT WILL HAVE A MINIMUM CLEAR TRUNK OF FOURTEEN (14) FEET.
- ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION, AND MUST BE REPLACED WITH PLANT MATERIAL OF SIMILAR VARIETY AND SIZE IF DAMAGED, DESTROYED, OR REMOVED.
- LANDSCAPED AREAS SHALL BE KEPT FREE OF TRASH, LITTER, AND WEEDS AT ALL TIMES DURING CONSTRUCTION.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING, REMOVAL OF MISCELLANEOUS DEBRIS AND ANY ADDITIONAL FILL REQUIRED TO CREATE A SMOOTH FINISHED GRADE PRIOR TO PLANTING IN ALL AREAS.
- FINAL GRADING SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT IN THE FIELD PRIOR TO PLANTING.
- PLANT SPACING IS AS INDICATED ON 'PLANT SCHEDULE' UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE FULL COVERAGE IN ALL PLANTING AREAS AS SPECIFIED IN THE PLANT SCHEDULE REMARKS.
- CONTRACTOR SHALL PROVIDE THE PROJECT AGRONOMIST SOIL SAMPLES. A MINIMUM OF TWO SAMPLES FROM EACH DIFFERENT SOIL AREA AND FROM EACH IMPORT SOIL SOURCE IS REQUIRED. VERIFY APPROPRIATE QUANTITY OF SAMPLES WITH THE LANDSCAPE ARCHITECT AND AGRONOMIST. SAMPLES SHALL THEN BE TESTED AND ANALYZED FOR AGRICULTURAL SUITABILITY AND FERTILITY BY AN ACCREDITED SOIL TESTING LABORATORY. ANALYSIS SHALL INCLUDE REVIEW AND COORDINATION WITH SPECIFICATIONS AND RECOMMENDATIONS FOR SOIL PREPARATION AND BACK FILL MIX. SUBMIT SOILS ANALYSES TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO SOIL PREPARATION. THIS REQUIREMENT APPLIES TO ALL SOILS AND CONDITIONS WITHIN THIS PROJECT INCLUDING IMPORT SOILS, ON GRADE SOILS AND/OR ON-STRUCTURE SOILS. VERIFYING ON-STRUCTURE FILTER FABRIC/SOIL COMPATIBILITY SHALL BE PART OF THE OVERALL ANALYSIS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- AN AUTOMATIC IRRIGATION SYSTEM SHALL BE PROVIDED TO IRRIGATE ALL LANDSCAPE AREAS. OVERSPRAY ON STREETS AND WALKS IS PROHIBITED.
- TOPSOIL SHALL BE A MINIMUM OF 4" IN DEPTH. SOIL SHALL BE FREE OF STONES, ROOTS AND ANY OTHER FOREIGN MATERIAL THAT IS NOT BENEFICIAL FOR PLANT GROWTH.
- REF. SHEET L3.12 FOR PLANTING DETAILS.
- REFER TO CIVIL FOR OVERALL SITE GRADING AND SHEET L3.5 FOR POOL AREA GRADING.

**PLANT SCHEDULE**

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COND	HT	SPR	REMARKS
<b>CANOPY TREES</b>									
	AS	7	Acer saccharum caddo	Caddo Sugar Maple	3" cal	B&B	14' ht	6' spr	Full, Straight, Single Trunk
	QS	13	Quercus shumardii	Shumard Red Oak	3" cal	B&B	12' ht	5' spr	Full, Straight, Single Trunk
	QV	4	Quercus virginiana	Southern Live Oak	3" cal	B&B	12' ht	6' spr	Full, Straight, Single Trunk
	TD	8	Taxodium distichum	Bald Cypress	3" cal	B&B	12' ht	5' spr	Full, Straight, Single Trunk
	UC	5	Ulmus crassifolia	Cedar Elm	3" cal	B&B	14' ht	5' spr	Full, Straight, Single Trunk
<b>ORNAMENTAL TREES</b>									
	CC	7	Cercis canadensis	Eastern Redbud	2" cal	B&B	8' ht	4' spr	Full, Multi-Trunk
	ID	6	Ilex decidua	Possumhaw Holly	2" cal	B&B	8' ht	4' spr	Full, Multi-Trunk
	IV	2	Ilex vomitoria	Yaupon Holly	2" cal	B&B	10' ht	4' spr	Full, Multi-Trunk
<b>SHRUBS</b>									
	ABE GRD	24	Abelia x grandiflora	Glossy Abelia	3 gal	CONT	24" ht	--	Full, Matching,
	ILE CAR	34	Ilex cornuta 'Carissa'	Carissa Holly	3 gal	CONT	18" ht	--	Full, Matching,
	LEU COM	102	Leucophyllum frutescens 'Compacta'	Compact Texas Sage	5 gal	CONT	24" ht	--	Full, Matching,
	YUC REC	19	Yucca recurvifolia	Soft Leaf Yucca	3 gal	CONT	24" ht	--	Full, Matching, 24" o.c. spacing
<b>GRASSES</b>									
	MUH CAP	199	Muhlenbergia capillaris	Pink Muhly	3 gal	CONT	24" ht	--	Full, Matching, 30" o.c. spacing
	NAS	143	Nassella tenuissima	Mexican Feather Grass	3 gal	CONT	18" ht	--	Full, Matching, 24" o.c. spacing
<b>GROUND COVER</b>									
	EFC	852	Euonymus fortunei 'Coloratus'	Purple-leaf Winter Creeper	1 gal	CONT	6" ht	6" spr	Full, 1 gallon min., 18" o.c. spacing
<b>SEED</b>									
	DSM	2,700 sf		Dam Slope Mix	---	---	---	---	Drill seed, Native American Seed Mix #2809, Ref. Planting Specs
	DFM	6,500 sf		Drainfield Mix	---	---	---	---	Drill seed, Native American Seed Mix #2861, Ref. Planting Specs
<b>SOD</b>									
	SOD	18,686 sf	Cynodon dactylon	Common Bermuda Grass	---	---	---	---	Solid Sod, tight sand filled joints, 100% weed, disease and pest free
<b>MISC</b>									
	STEEL EDGE	TBD	Steel Edging		---	---	---	---	3/8" x 6", black
	MULCH	TBD	Shredded Hardwood Mulch		---	---	---	---	Min. 3" depth, trees in sod to receive 4' dia. ring

NOTE: PLANT QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. IN THE CASE OF A DISCREPANCY, THE DRAWING SHALL TAKE PRECEDENCE.

**IRRIGATION NOTES:**

- LINE LAYOUT IS DIAGRAMMATIC-ADJUST HEAD AND LINE LOCATIONS ON SITE TO ACCOMMODATE EXISTING JOB CONDITIONS AND TO ACHIEVE COMPLETE COVERAGE.
- ALL MAIN LINE PIPING SHALL BE BURIED TO HAVE A MINIMUM COVER OF 18". ALL LATERAL PIPING DOWNSTREAM OF THE MAIN LINE SHALL BE BURIED TO HAVE A MINIMUM COVER OF 12".
- ALL MAINS ARE TO DRAIN TO LOW POINTS AT A MINIMUM ONE HALF (1/2%) PERCENT SLOPE. AT LOW POINTS, INSTALL GATE VALVE TO FACILITATE DRAINAGE OF SYSTEM DURING FREEZING TEMPERATURES.
- CONTRACTOR SHALL INSTALL AUTOMATIC DRAIN VALVES AT LOW POINTS IN THE IRRIGATION LINES AS REQUIRED TO PREVENT FREEZE DAMAGE.
- ALL VALVE BOXES SHALL BE BLACK IN COLOR (BODY AND LID). SIZES SHALL BE TEN (10") INCHES BY FOURTEEN (14") INCHES (RECTANGULAR) FOR REMOTE CONTROL VALVES AND NINE (9") INCHES (ROUND) FOR GATE AND QUICK COUPLER VALVES.
- CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO SYSTEM LAYOUT IN FIELD TO INSURE POSITIVE DRAINAGE OF LATERAL LINES AND MAIN LINES.
- ALL WIRING FROM THE IRRIGATION CONTROLLER TO THE REMOTE CONTROL VALVES SHALL BE UF-14/1 DIRECT BURIAL CABLE. ALL WIRE SPLICES SHALL BE MADE IN VALVE BOXES ONLY USING RAINBIRD SNAP-TITE CONNECTORS AND SEALANT. PROVIDE SLEEVES FOR WIRE UNDER PAVED AREAS AS REQUIRED.
- ALL IRRIGATION INSTALLATION SHALL CONFORM TO THE LOCAL CODE REGULATIONS AND TCEQ REQUIREMENTS.
- IRRIGATION SYSTEM SHALL BE INSTALLED AND FULLY OPERATIONAL BEFORE INSTALLATION OF LANDSCAPE PLANTINGS.
- IRRIGATION HEADS SHALL BE PLACED AND ADJUSTED SO AS NOT TO SPRAY ON THE BUILDING.
- IRRIGATION HEADS SHALL BE PLACED AND SIZED SO AS NOT TO BE SUSCEPTIBLE TO DAMAGE BY AUTOMOBILE OVERHANGS.
- IRRIGATION CONTRACTOR SHALL PLACE ADJUSTABLE ARC NOZZLES IN PLACE OF FIXED ARC NOZZLE AS NEEDED TO ELIMINATE OVER SPRAY ON TO PAVEMENT.
- ALL IRRIGATION HEADS SHALL HAVE FACTORY INSTALLED CHECK VALVES.

**MAINTENANCE NOTES:**

- LANDSCAPE CONTRACT SHALL INCLUDE, AS AN ALTERNATE BID, A LANDSCAPE MAINTENANCE AGREEMENT. THE LANDSCAPE MAINTENANCE PERIOD SHALL BEGIN ONCE OWNER'S ACCEPTANCE OF IMPROVEMENTS HAS BEEN GIVEN IN WRITING AND EXTEND FOR A PERIOD OF TWO YEARS.
- MAINTENANCE AGREEMENT SHALL GENERALLY CONFORM TO LANDSCAPE MAINTENANCE GUIDELINES PROVIDED BY OWNER AND MODIFIED TO MEET THE BEST MANAGEMENT PRACTICES OF THE LOCAL CLIMATE AND SITE SPECIFIC CONDITIONS.
- AT A MINIMUM, THE AGREEMENT SHALL INCLUDE, ALL LABOR AND MATERIALS TO PERFORM THE PROFESSIONAL MAINTENANCE OF THE SITE'S LANDSCAPE IMPROVEMENTS. THE AGREEMENT SHALL BE WRITTEN TO INCLUDE, BUT MAY NOT BE LIMITED TO, THE FOLLOWING:  
A. LAWN CARE  
B. FERTILIZATION  
C. INTEGRATED PEST MANAGEMENT  
D. IRRIGATION  
E. PLANTING BEDS  
F. TREES AND SHRUBS
- THE PROGRAM FOR THE MAINTENANCE AGREEMENT SHALL BE BASED ON A COMPLETE SOILS ANALYSIS TO ADDRESS SPECIFIC SITE CONDITIONS AND TO ENSURE THE HEALTHY AND VIGOROUS GROWTH OF THE PLANT MATERIALS.

**CITY OF ROCKWALL - CODE REQUIREMENTS**

LANDSCAPE AREA	REQUIRED	PROVIDED
20% OF SITE 119,354 SF X 20% = 23,871 SF IMPERVIOUS AREA= 84,969 SF	23,871 SF 28%	34,385 SF 28%
<b>SITE TREES</b> 12 TREES PER ACRE 2.74 AC X 12 = 32.88 TREES	33 TREES	37 TREES
<b>DETENTION BASIN</b> DETENTION BASIN = 6500 SF 1 CANOPY TREE PER 750 SF = 9 TREES	9 TREES	9 TREES
1 ACCENT TREE PER 1500 SF = 5	5 TREES	5 TREES
<b>F.M. 3097</b> LANDSCAPE BUFFER: 20' DEPTH	REQUIRED YES	PROVIDED YES
MIN. 30" HT SHRUBS	YES	YES
CANOPY TREES 2 TREES PER 100 LF (234.5 LF / 100) x 2 = 5 TREES	5 TREES	5 TREES
ACCENT TREES 4 TREE PER 100 LF (234.5 LF / 100) x 4 = 10 TREES	10 TREES	10 TREES
<b>SCREENING FROM RESIDENTIAL</b> SCREENING TREES	REQUIRED 11 TREES	PROVIDED 10 PROPOSED, 1 EXISTING
SCREENING SHRUBS	YES	YES
20' BUFFER	YES	YES
<b>HEADLIGHT SCREENING</b> MIN. 2' HT BERM	REQUIRED YES	PROVIDED YES
EVERGREEN SHRUBS	YES	YES
<b>PARKING REQUIREMENTS</b> MIN. 5% INTERIOR LANDSCAPING TOTAL PARKING= 21,469 SF	REQUIRED 1,073 SF	PROVIDED 1,772 SF
PARKING TREES 1 TREE PER 10 SPACES 115 SPACES / 10 = 12 TREES	12 TREES	12 TREES
1 TREE WITHIN 80 LF OF EACH SPACE	YES	YES
<b>TREE MITIGATION</b> TREE MITIGATION	REQUIRED 73"	PROVIDED YES, PROVIDED BY REQUIRED TREES

IRRIGATION NOTE:  
ALL PLANT MATERIAL TO BE IRRIGATED IN COMPLIANCE TO CITY OF ROCKWALL, UNIFIED DEVELOPMENT CODE ARTICLE 8.05.04



**BGE, Inc.**  
2595 Dallas Parkway, Suite 101  
Frisco, TX 75034  
Tel: 972-464-4800 • www.bgeinc.com  
TBPE Registration No. F-1046  
Copyright 2024

**DEVELOPER**  
**PLATINUM CONSTRUCTION**  
1450 TL TOWNSEND DR. STE 100  
ROCKWALL, TX 75032  
TEL: (469) 222-1597  
CONTACT: SHAWN VALK

**OWNER**  
**SARO PARTNERS LLC**  
1450 S. T L TOWNSEND  
ROCKWALL, TX 75302  
TEL: (000) 000-0000  
CONTACT: JAY KANTER

**CITY SUBMITTAL SET**  
**PLANTING SCHEDULE AND NOTES**  
**HORIZON RD. COMMERCIAL OFFICES**  
**W.W FORD SURVEY, ABSTRACT NO. 80, TRACT 26-4**  
**CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS**

THESE PLANS ARE ISSUED FOR THE PURPOSE OF PRELIMINARY REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION. WHEN ISSUED IN FINAL FORM THEY WILL BE SEALED, SIGNED AND DATED.

RESPONSIBLE LANDSCAPE ARCHITECT:  
MICHAEL STOTTILER, PLA  
TEXAS REGISTRATION NO. 3743  
BGE, INC.  
TEXAS REGISTERED ENGINEERING FIRM F-1046  
9/11/2024

**!CAUTION !**  
Contractor to Verify exact location & Depth of Exist Facilities Prior to any Construction Activities

**!CAUTION !**  
CONTACT: 1-800-DIG-TESS  
48 HOURS PRIOR TO CONSTRUCTION

REVISIONS		
REV. NO.	DATE	DESCRIPTION

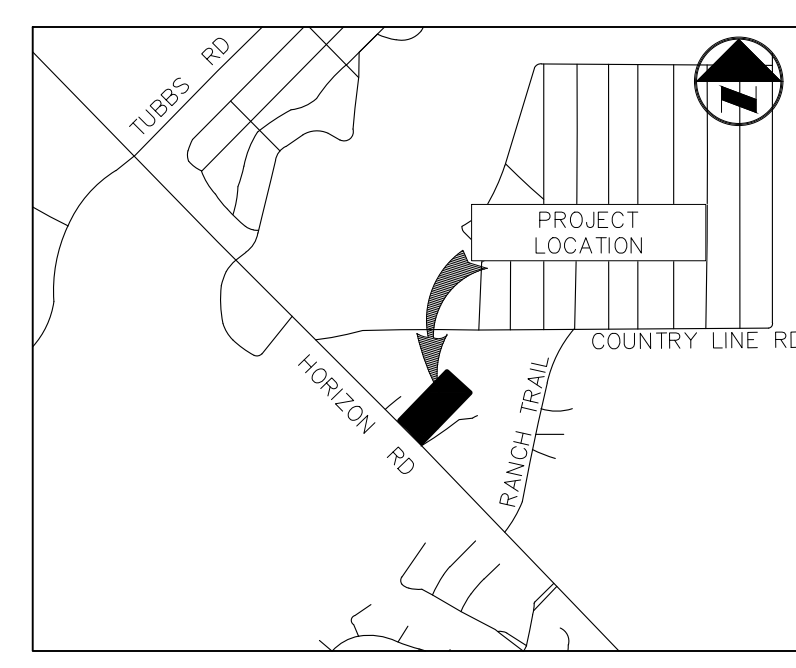
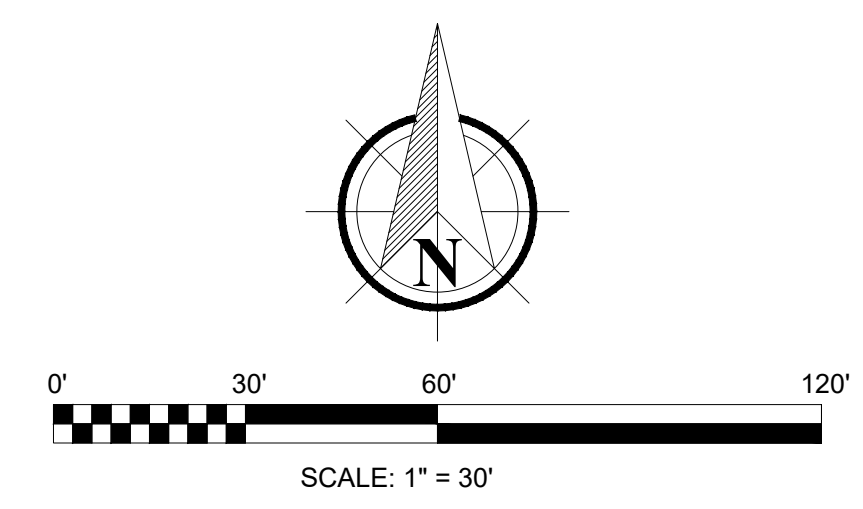
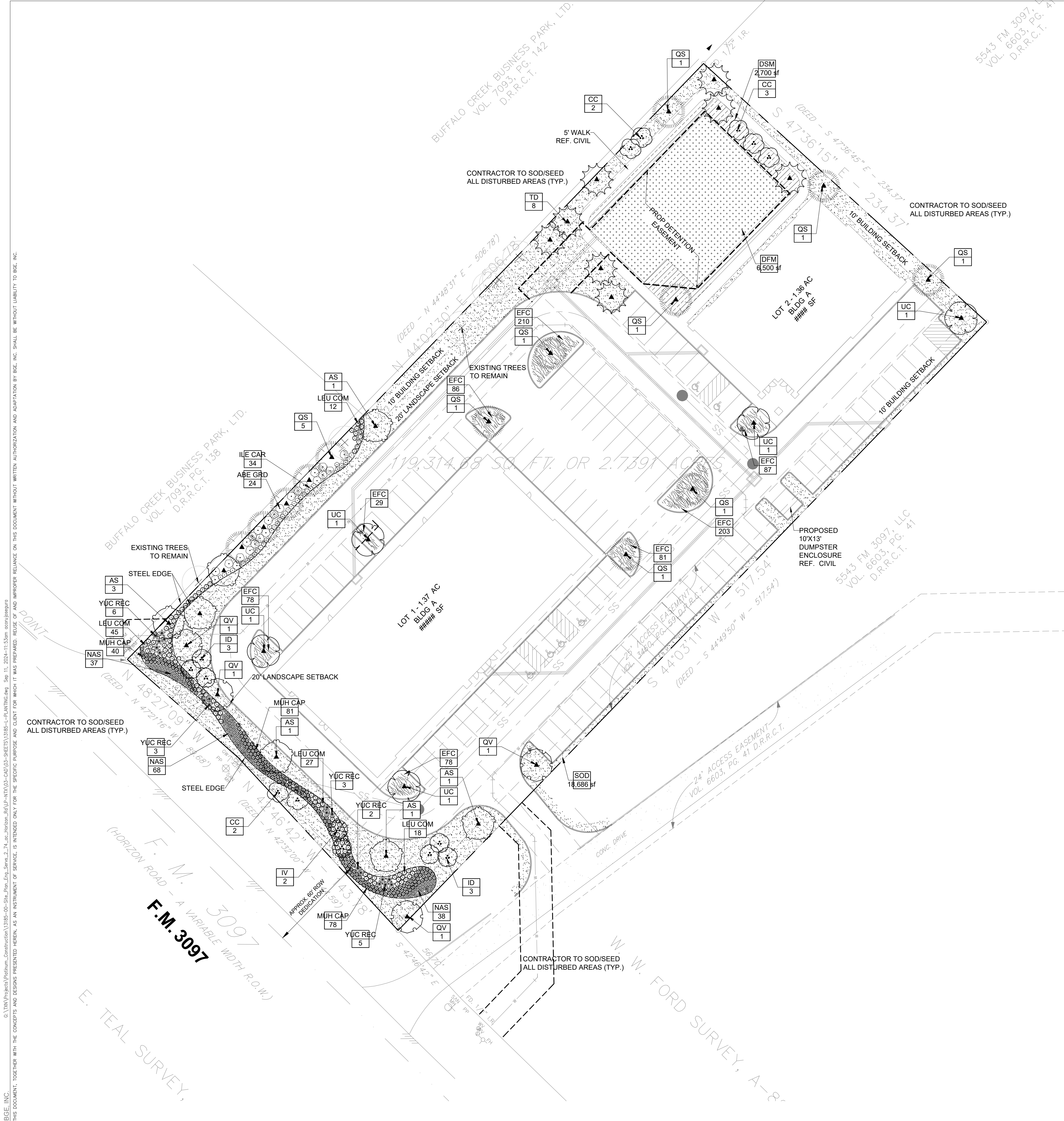
CHECKED BY: MLS  
DESIGNED BY: NPS  
DATE: 9/11/2024  
PROJECT NUMBER: 13185-00

SHEET NO  
**L2.01**  
PLANTING SCHEDULE AND NOTES



**Know what's below.**  
**Call before you dig.**  
(@ least 48 hours prior to digging)





**PLANT SCHEDULE**

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME
<b>CANOPY TREES</b>			
	AS	Acer saccharum caddo	Caddo Sugar Maple
	QS	Quercus shumardii	Shumard Red Oak
	QV	Quercus virginiana	Southern Live Oak
	TD	Taxodium distichum	Bald Cypress
	UC	Ulmus crassifolia	Cedar Elm
<b>ORNAMENTAL TREES</b>			
	CC	Cercis canadensis	Eastern Redbud
	ID	Ilex decidua	Possumhaw Holly
	IV	Ilex vomitoria	Yaupon Holly
<b>SHRUBS</b>			
	ABE GRD	Abelia x grandiflora	Glossy Abelia
	ILE CAR	Ilex cornuta 'Carissa'	Carissa Holly
	LEU COM	Leucophyllum frutescens 'Compacta'	Compact Texas Sage
	YUC REC	Yucca recurvifolia	Soft Leaf Yucca
<b>GRASSES</b>			
	MUH CAP	Muhlenbergia capillaris	Pink Muhly
	NAS	Nassella tenuissima	Mexican Feather Grass
<b>GROUND COVER</b>			
	EFC	Euonymus fortunei 'Coloratus'	Purple-leaf Winter Creeper
<b>SEED</b>			
	DSM		Dam Slope Mix
	DFM		Drainfield Mix
<b>SOD</b>			
	SOD	Cynodon dactylon	Common Bermuda Grass
<b>MISC</b>			
	STEEL EDGE	TBD	Steel Edging
	MULCH	TBD	Shredded Hardwood Mulch

**BGE**

**BGE, Inc.**  
2595 Dallas Parkway, Suite 101  
Frisco, TX 75034  
Tel: 972-464-4800 • www.bgeinc.com  
TBPE Registration No. F-1046  
Copyright 2024

**DEVELOPER**  
**PLATINUM CONSTRUCTION**  
1450 TOWNSEND DR. STE 100  
ROCKWALL, TX 75032  
TEL: (469) 222-1597  
CONTACT: SHAWN VALK

**OWNER**  
**SARO PARTNERS LLC**  
1450 S. T L TOWNSEND  
ROCKWALL, TX 75032  
TEL: (000) 000-0000  
CONTACT: JAY KANTER

CITY SUBMITTAL SET

**PLANTING PLAN**

**HORIZON RD. COMMERCIAL OFFICES**  
W.W FORD SURVEY, ABSTRACT NO. 80, TRACT 26-4  
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

THESE PLANS ARE ISSUED FOR THE PURPOSE OF PRELIMINARY REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION. WHEN ISSUED IN FINAL FORM THEY WILL BE SEALED, SIGNED AND DATED.

RESPONSIBLE LANDSCAPE ARCHITECT:  
MICHAEL STOTTLER, PLA  
TEXAS REGISTRATION NO. 3743  
BGE, INC.  
TEXAS REGISTERED ENGINEERING FIRM F-1046  
9/11/2024

**!CAUTION!**  
Contractor to Verify exact location & Depth of Exist Facilities Prior to any Construction Activities

**CAUTION!!!**  
CONTACT: 1-800-DIG-TESS  
48 HOURS PRIOR TO CONSTRUCTION

REVISIONS		
REV. NO.	DATE	DESCRIPTION

CHECKED BY: MLS  
DESIGNED BY: NPS  
DATE: 9/11/2024  
PROJECT NUMBER: 13185-00

SHEET NO  
**L2.02**  
PLANTING PLAN

**811**

**Know what's below.  
Call before you dig.**  
(@ least 48 hours prior to digging)

BGE, INC. THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, IS AN INSTRUMENT OF SERVICE. IT IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY BGE, INC. SHALL BE WITHOUT LIABILITY TO BGE, INC.





**BGE, Inc.**  
 2595 Dallas Parkway, Suite 101  
 Frisco, TX 75034  
 Tel: 972-464-4800 • www.bgeinc.com  
 TBPE Registration No. F-1046  
 Copyright 2024

**DEVELOPER**  
**PLATINUM CONSTRUCTION**  
 1450 T L TOWNSEND DR. STE 100  
 ROCKWALL, TX 75032  
 TEL: (469) 222-1597  
 CONTACT: SHAWN VALK

**OWNER**  
**SARO PARTNERS LLC**  
 1450 S. T L TOWNSEND  
 ROCKWALL, TX 75032  
 TEL: (000) 000-0000  
 CONTACT: JAY KANTER

**HORIZON RD. COMMERCIAL OFFICES**  
 W.W FORD SURVEY, ABSTRACT NO. 80, TRACT  
 26-4  
 CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

CITY SUBMITTAL SET  
**PLANTING DETAILS**

THESE PLANS ARE ISSUED FOR THE PURPOSE OF PRELIMINARY REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION. WHEN ISSUED IN FINAL FORM THEY WILL BE SEALED, SIGNED AND DATED.

RESPONSIBLE LANDSCAPE ARCHITECT:  
 MICHAEL STOTTILER, P.L.A.  
 TEXAS REGISTRATION NO. 3743  
 BGE, INC.  
 TEXAS REGISTERED ENGINEERING FIRM F-1046  
 9/11/2024

**!CAUTION!**  
 Contractor to Verify exact location & Depth of Exist Facilities Prior to any Construction Activities

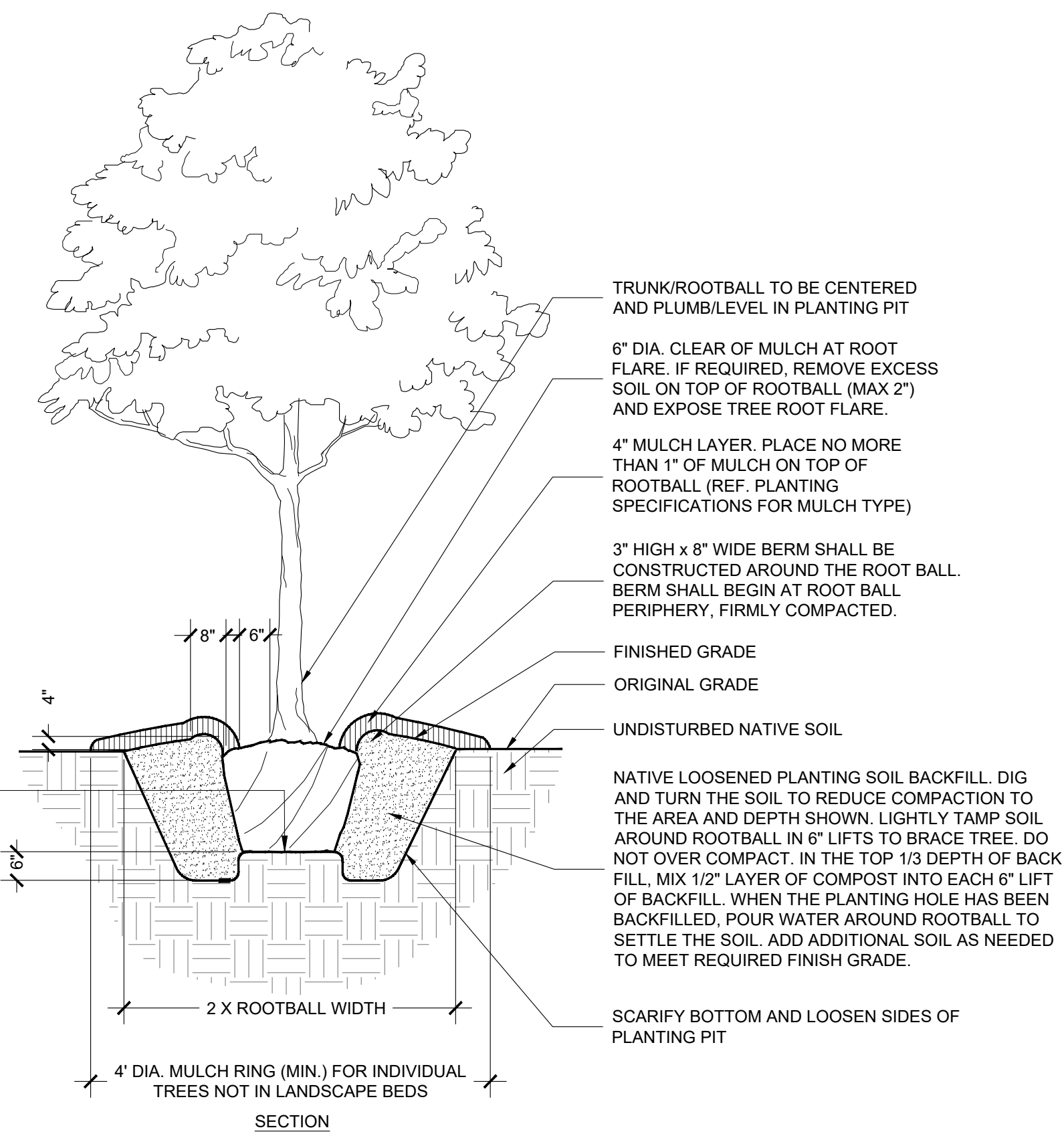
**!CAUTION!**  
 CONTACT: 1-800-DIG-TESS  
 48 HOURS PRIOR TO CONSTRUCTION

REVISIONS		
REV. NO.	DATE	DESCRIPTION

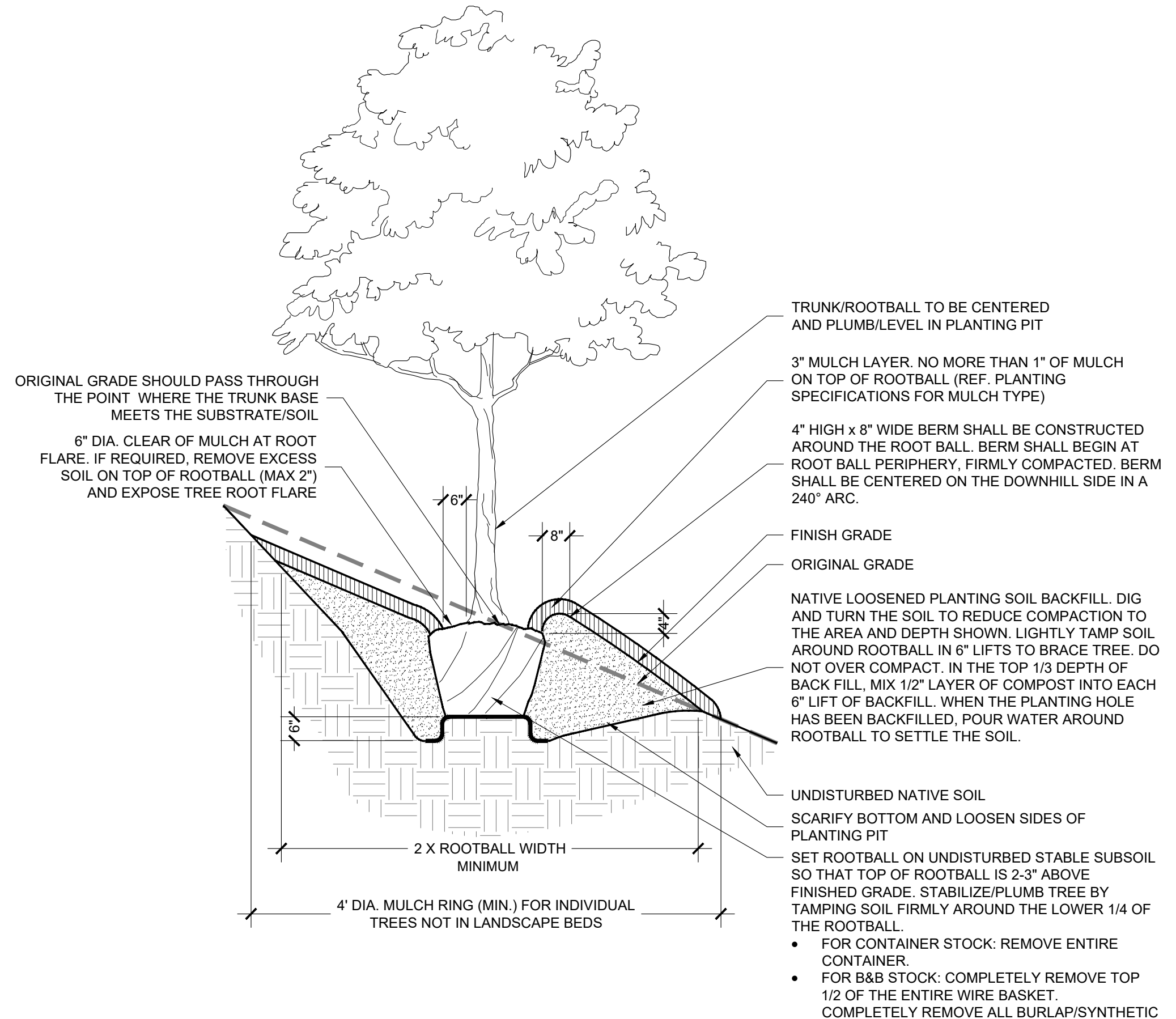
CHECKED BY: MLS  
 DESIGNED BY: NPS  
 DATE: 9/11/2024  
 PROJECT NUMBER: 13185-00

SHEET NO  
**L2.03**

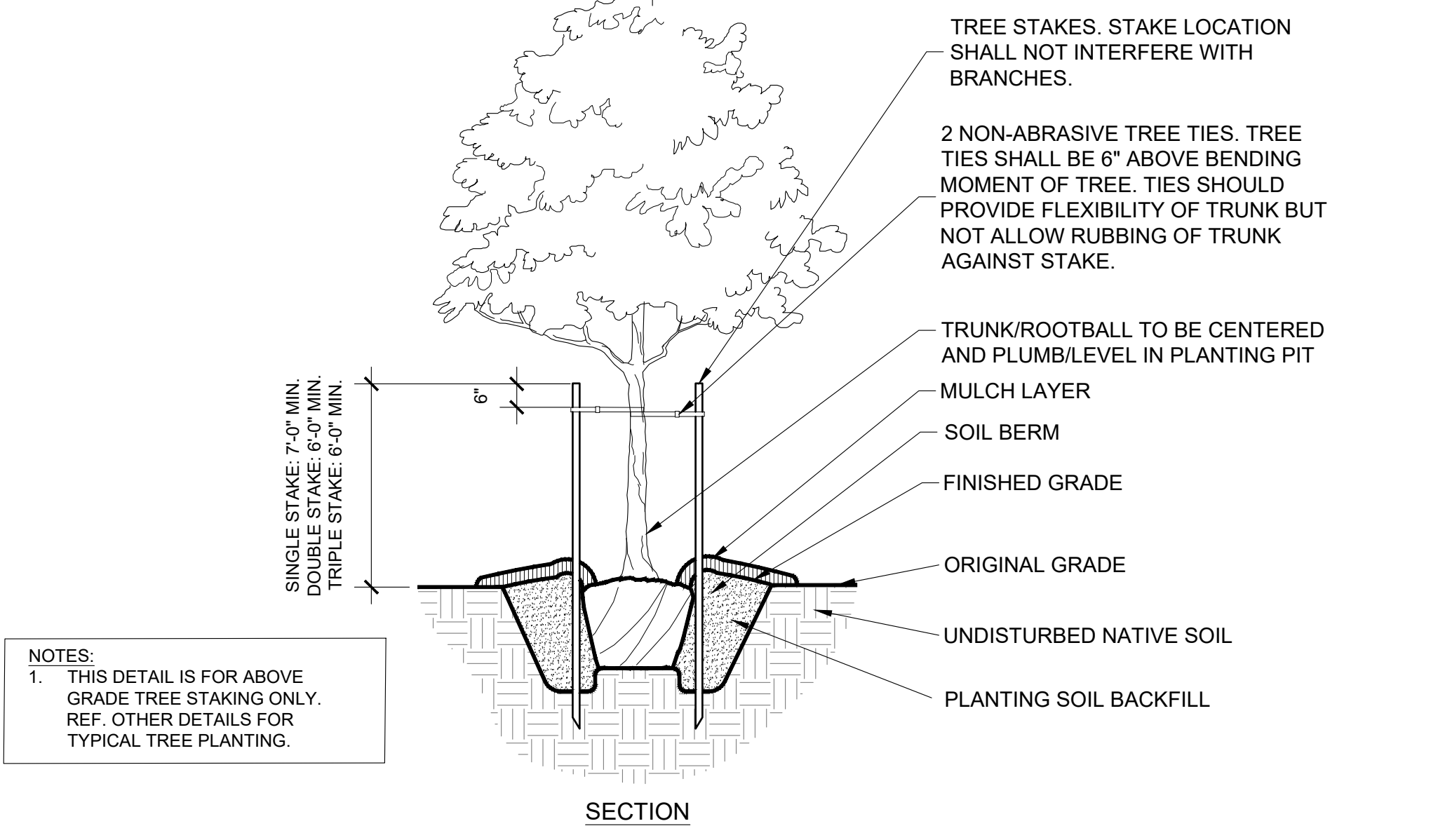
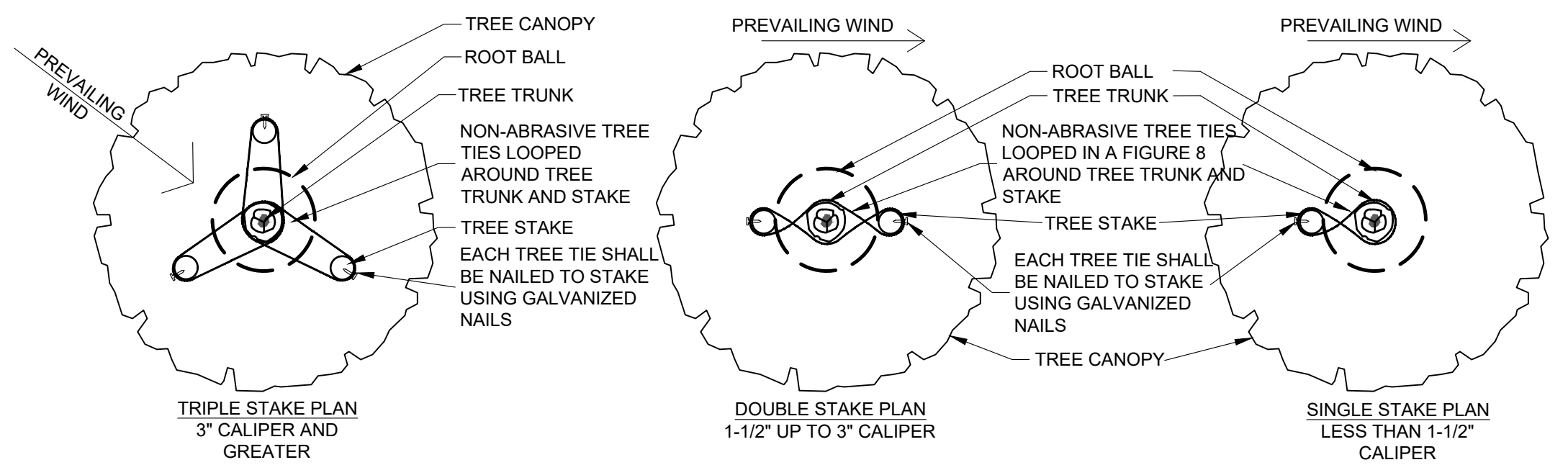
PLANTING DETAILS



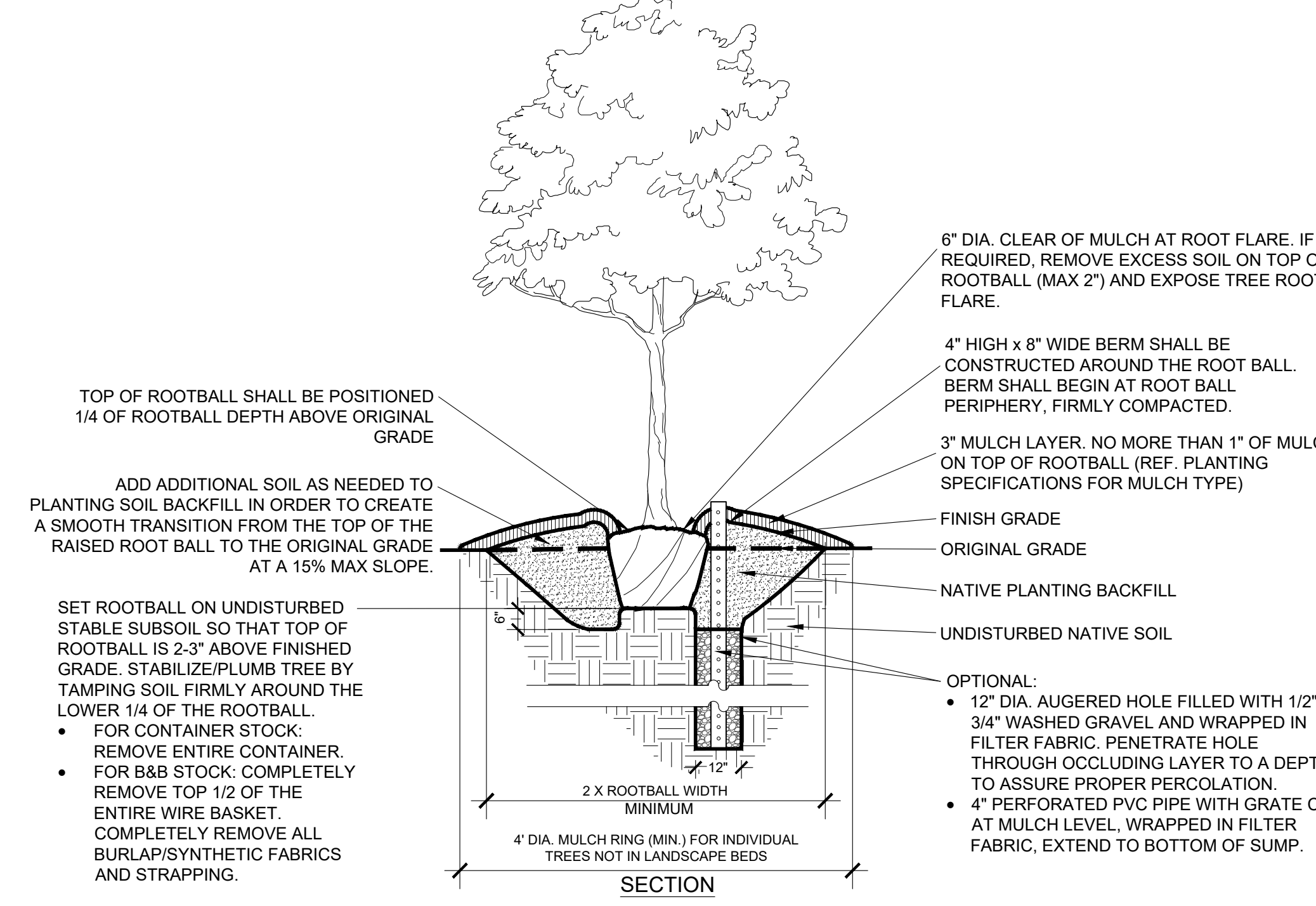
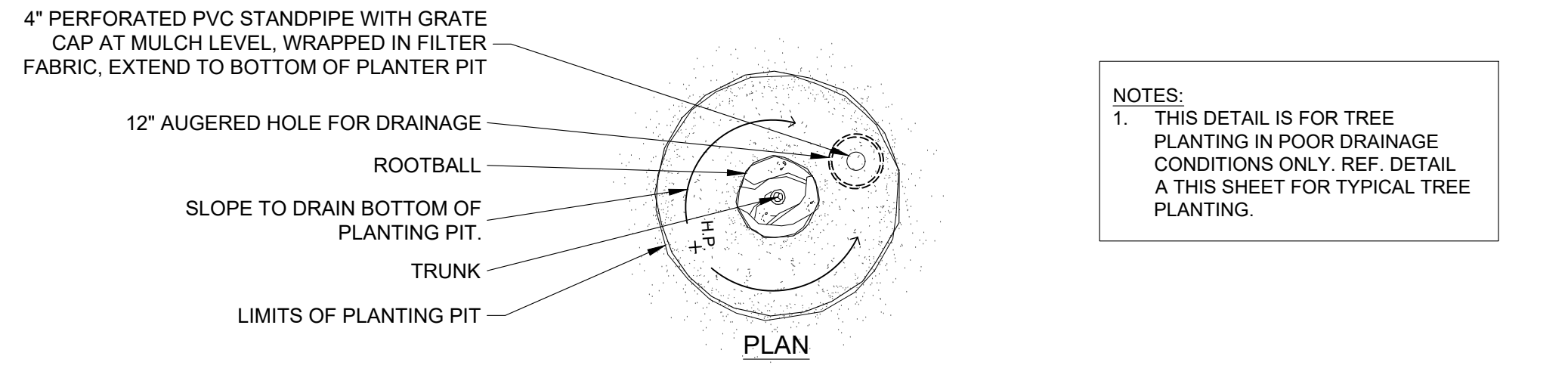
**A** TYPICAL TREE PLANTING (UP TO 3" CALIPER)  
 SECTION NOT TO SCALE



**C** TREE PLANTING ON 5-25% SLOPES (20:1 TO 4:1 SLOPES)  
 SECTION NOT TO SCALE



**B** TYPICAL TREE STAKING  
 SECTION/PLAN NOT TO SCALE



**D** PLANTING IN WET CONDITIONS  
 SECTION/PLAN NOT TO SCALE



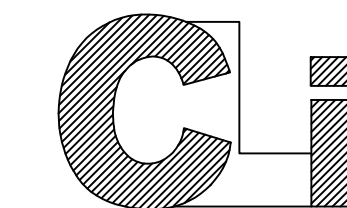
**Know what's below.**  
**Call before you dig.**  
 (@ least 48 hours prior to digging)

BGE, INC. THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, IS AN INSTRUMENT OF SERVICE. IT IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY BGE, INC. SHALL BE WITHOUT LIABILITY TO BGE, INC.



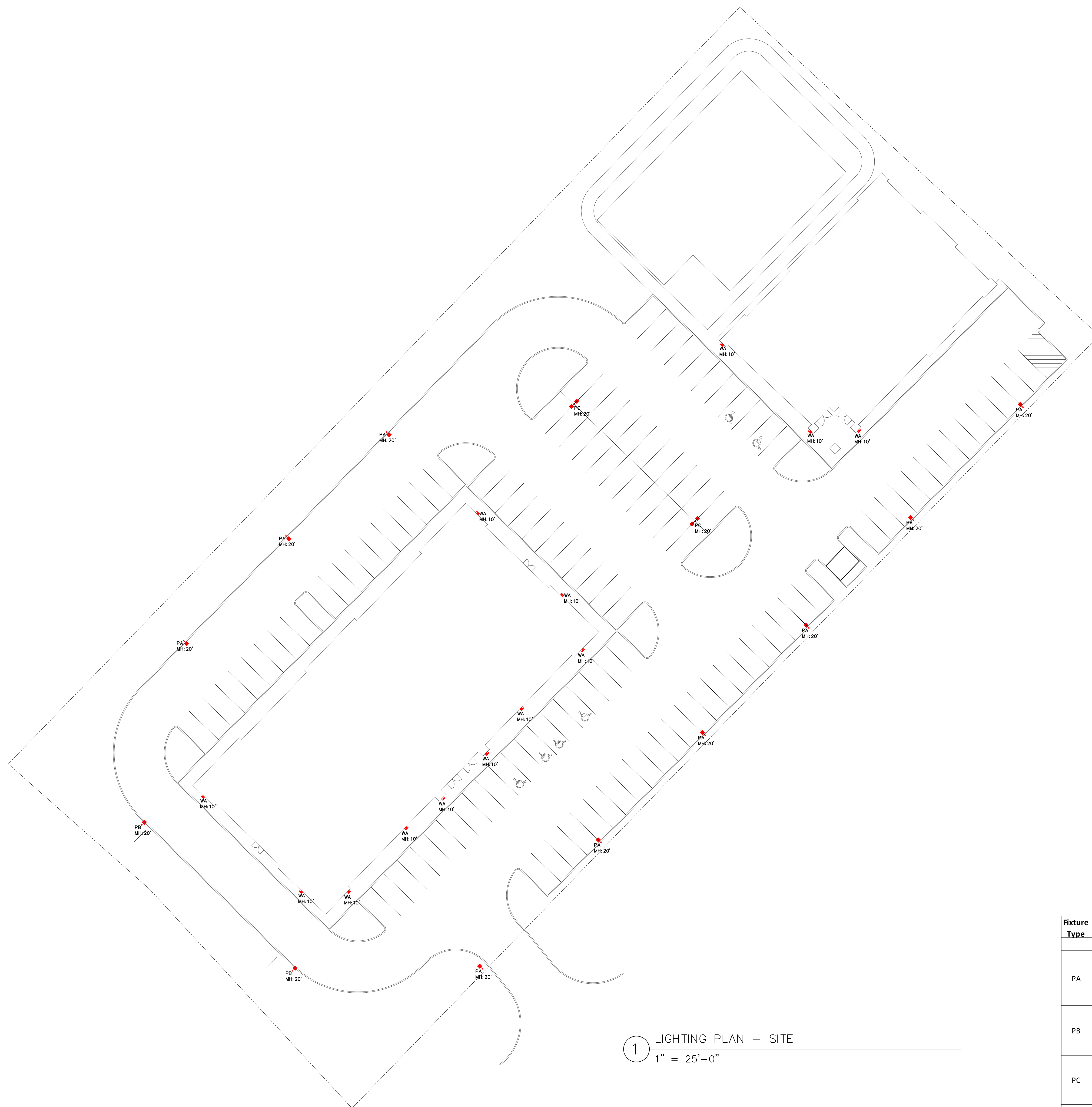




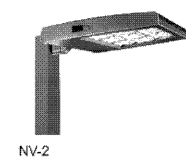


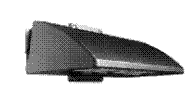


**CLI Design**  
Los Angeles, Miami & New York  
Tel: 800-755-0155 | Fax: 760-262-3940

No.	Issue	Date
0.		08.16.2024



1 LIGHTING PLAN – SITE  
1" = 25'-0"

Fixture Type	Reference Image	Description	Dimming Interface	Product Registration ID	Lamps, CCT, Lumen, Optics, CRI	Input Voltage	Fixture Wattage	Mounting, Finishes, Remarks & Other Notes
<b>EXTERIOR FIXTURE TYPES</b>								
PA		Single-Head Area New Pole, Type IV Distribution with House Side Shield	N/A	CLI-NV-2-T4-128L-1-40K7-UNV-XX-XX-XX-HSS	Integrated LED Module, 4000k, 32,950lm, Type IV Distribution, w/Backlite Control, 70CRI	UNI-VAC	409	Single-head Mounted to 20'-0" Existing pole. Engineer to determine required base/pole size/height. Finish TBD.
PB		Single-Head Area New Pole, Type III Distribution	N/A	CLI-NV-2-T3-128L-1-40K7-UNV-XX-XX-XX-HSS	Integrated LED Module, 4000k, 32,782lm, Type III Distribution, w/Backlite Control, 70CRI	UNI-VAC	409	Single-head Mounted to 20'-0" Existing pole. Engineer to determine required base/pole size/height. Finish TBD.
PC		Double-Head Area New Pole, Type V Distribution	N/A	CLI-NV-2-T3-128L-1-40K7-UNV-XX-XX-XX	2-Integrated LED Module, 4000k, (2)48,671lm, Type V Distribution, 70CRI	UNI-VAC	818	Double-heads Mounted to 20'-0" New pole. Engineer to determine required base/pole size/height. Finish TBD.
WA		Wall pack	TBD	CLI-NV-W-T4-32L-1-40K7-UNV-WM-XX-XX-XX	Integrated LED, 4000K, 11,426lm, Type 4 Distribution	UNI-VAC	100	Direct mounted to building at 10'0" AFG. Finish TBD.

PLATINUM  
HORIZON  
STREET NUMBER  
CITY, ST, ZIP

ALL PLANS AND SPECIFICATIONS ARE THE PROPERTY OF COMMERCIAL LIGHTING INC. DO NOT SCALE DRAWINGS. ALL MEASUREMENTS MUST BE CHECKED ON SITE BY THE CONTRACTOR AND ANY DISCREPANCIES BROUGHT TO THE ATTENTION OF THE DESIGNER OR ARCHITECT.

Title

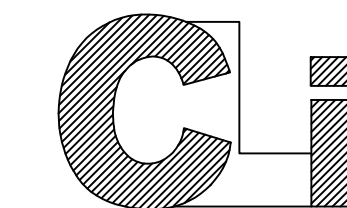
LIGHTING PLAN  
SITE

Scale: AS SHOWN Date: 08.16.2024  
Drawn by: M.CH Checked by: I.D.

Sheet No.

LDE-1.1

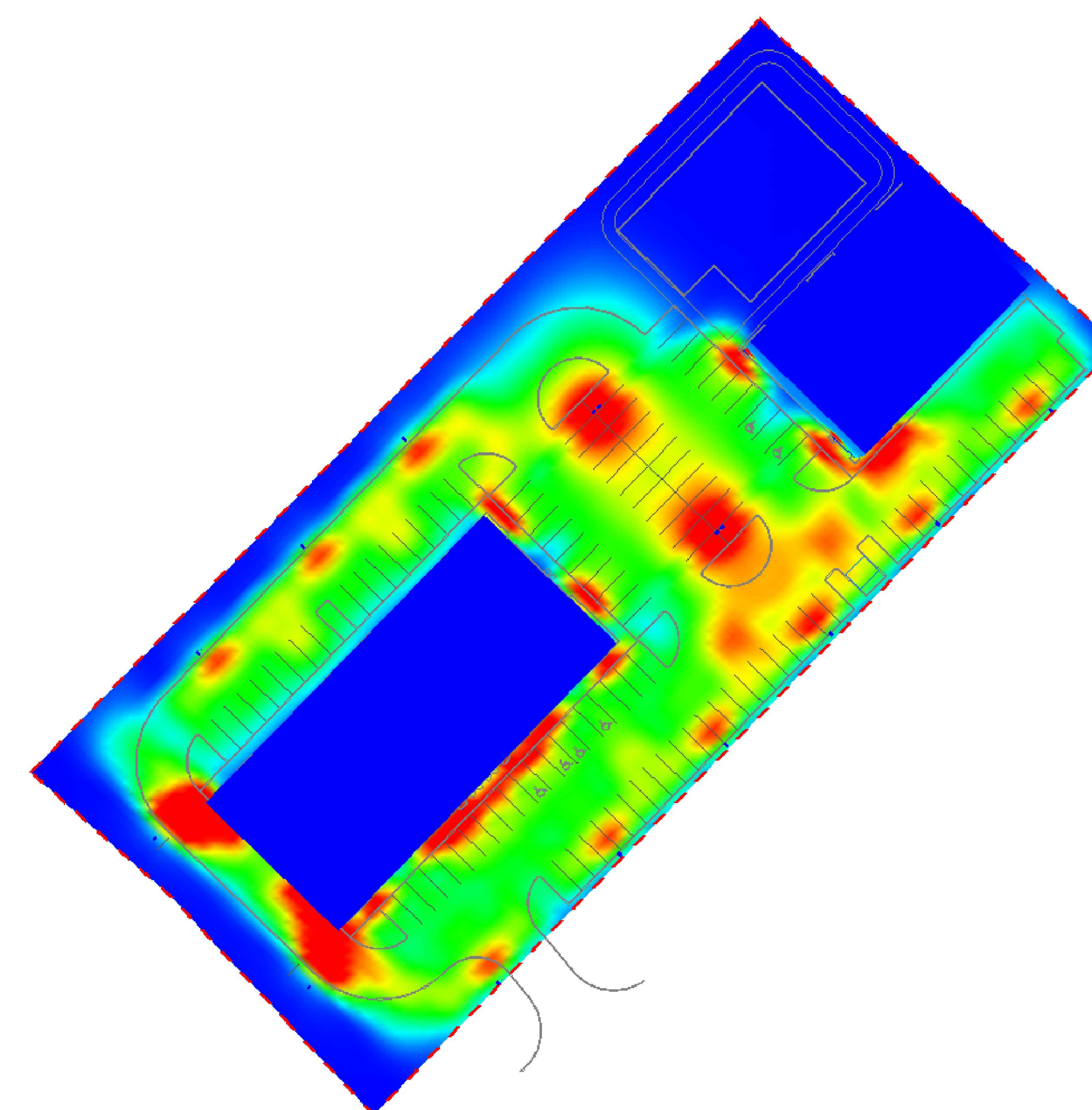
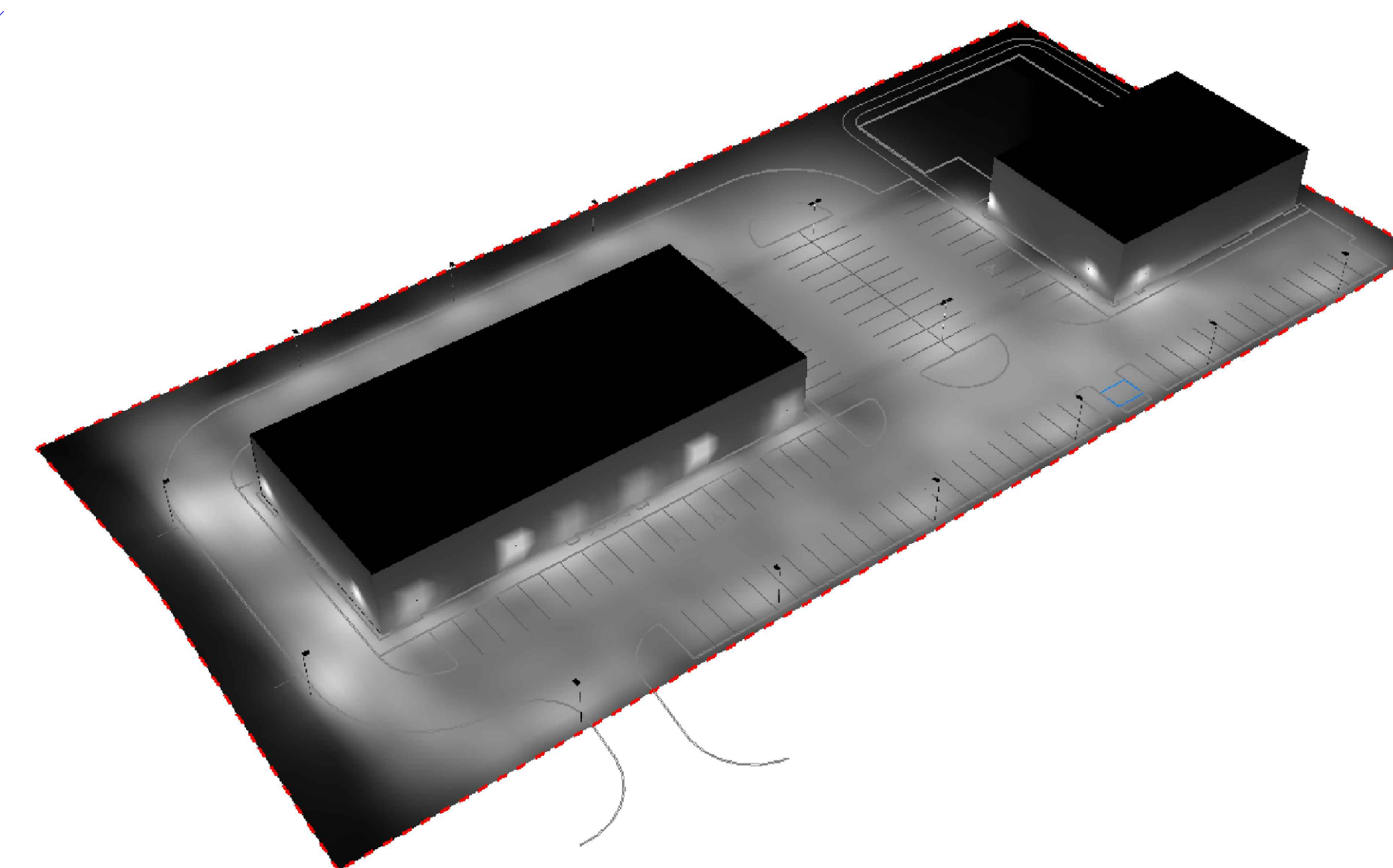
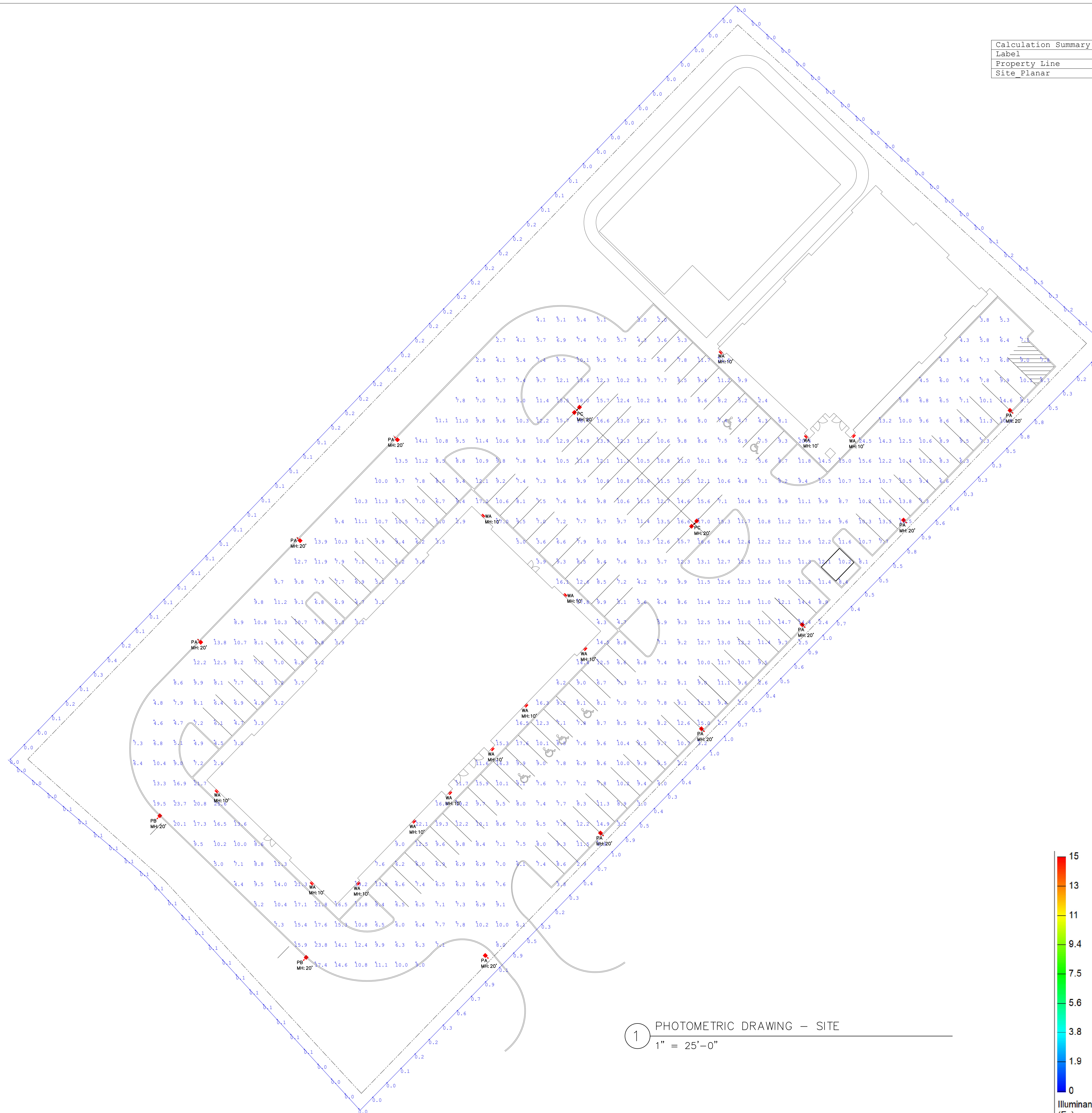




**CLI Design**  
Los Angeles, Miami & New York  
Tel: 800-755-0155 | Fax: 760-262-3940

No.	Issue	Date
0.		08.16.2024

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
Property Line	Illuminance	Fc	0.23	1.0	0.0	N.A.
Site Planar	Illuminance	Fc	9.53	25.6	2.0	4.77



# PLATINUM HORIZON

STREET NUMBER  
CITY, ST, ZIP





ALL PLANS AND SPECIFICATIONS ARE THE PROPERTY OF COMMERCIAL LIGHTING INC. DO NOT SCALE DRAWINGS. ALL MEASUREMENTS MUST BE CHECKED ON SITE BY THE CONTRACTOR AND ANY DISCREPANCIES BROUGHT TO THE ATTENTION OF THE DESIGNER OR ARCHITECT.

PHOTOMETRIC DRAWING SITE

Scale	Date
AS SHOWN	08.16.2024
Drawn By M.CH	Checked By I.D.
Job No.	
Sheet No.	LDE-1.2



Contact Farren Halcovich with Commercial Lighting Industries, 760-831-9815, Farren@Commercial-Lighting.net for pricing  
 Contact Istvan Derzsi with Commercial Lighting Industries, 760.999.0089, IDerzsi@Commercial-Lighting.net for design related inquires

Fixture Type	Reference Image	Description	Dimming Interface	Product Registration ID	Lamps, CCT, Lumen, Optics, CRI	Input Voltage	Fixture Wattage	Mounting, Finishes, Remarks & Other Notes
<b>EXTERIOR FIXTURE TYPES</b>								
PA		Single-Head Area New Pole, Type IV Distribution with House Side Shield	N/A	CLI-NV-2-T4-128L-1-40K7-UNV-XX-XX-XX-HSS	Integrated LED Module, 4000k, 32,950lm, Type IV Distribution, w/Backlite Control, 70CRI	UNI-VAC	409	Single-head Mounted to 20'-0" Existing pole. Engineer to determine required base/pole size/height. Finish TBD.
PB		Single-Head Area New Pole, Type III Distribution	N/A	CLI-NV-2-T3-128L-1-40K7-UNV-XX-XX-XX-HSS	Integrated LED Module, 4000k, 32,782lm, Type III Distribution, w/Backlite Control, 70CRI	UNI-VAC	409	Single-head Mounted to 20'-0" Existing pole. Engineer to determine required base/pole size/height. Finish TBD.
PC		Double-Head Area New Pole, Type V Distribution	N/A	CLI-NV-2-T3-128L-1-40K7-UNV-XX-XX-XX	2-Integrated LED Module, 4000k, (2)48,671lm, Type V Distribution, 70CRI	UNI-VAC	818	Double-heads Mounted to 20'-0" New pole. Engineer to determine required base/pole size/height. Finish TBD.
WA		Wall pack	TBD	CLI-NV-W-T4-32L-1-40K7-UNV-WM-XX-XX-XX	Integrated LED, 4000K, 11,426Lm, Type 4 Distribution	UNI-VAC	100	Direct mounted to building at 10'0" AFG. Finish TBD.
			SUBSTITUTIONS ARE NOT ALLOWED AND VALUE ENGINEERING WILL NOT BE CONSIDERED WITHOUT EXPRESSED WRITTEN APPROVAL FROM THE ARCHITECT OR OWNER. NO EXCEPTIONS.					

CNTRL Controls Package - TBD

**Notes, Exceptions, Clarifications**

**PURCHASING:** All Lighting is supplied by \_\_\_\_\_. Consult with the above listed Mfgs for pricing at pre-established customer pricing. The complete package is approved and available at established discounted pricing from Commercial Lighting Industries, 81161 Indio Blvd, Indio, CA 92201, 800-755-0155 / 760-831-9815. Contact Farren Halcovich, Farren@Commercial-Lighting.net, for purchase order placement, and coordinating delivery of the package.

**LTG SPEC VERIFICATION:** Purchaser assumes responsibility for, and must verify with CLI the following prior to purchasing: Voltage, specific mounting details (including recessed downlight hanger bars if non-standard from the Mfg), NYC or Chicago codes, IC Rating, wind/gust pole factors, integral luminaire wiring gauge, custom reflector reflectances, Kelvin temperature, distribution, emergency use and dimming method. The above catalog #s may not be completely solidified at time of drawing issuance for construction.

**PHOTOMETRIC COMPLIANCE:** A complete Photometric drawing for this project as currently drawn and specified, has been submitted to approving authorities a applicable. Any substitutions or changes nullify the report and compliance and are strictly forbid without writtten approval from the owner, architect or lighting designer - **NO SUBSTITUTIONS ARE ALLOWED.**

**ENERGY COMPLIANCE:** The purchasing party is responsible for solidifying the lighting package in compliance with the State Energy Code, both with respect to Lighting Power Density (LPD) and the use of mandated controls (dimmers, photocells, occupancy sensors, etc.). Consult with Istvan Derzsi, Sr. Lighting Designer of Commercial Lighting Industries 323-905-2220 to ensure compliance prior to ordering.

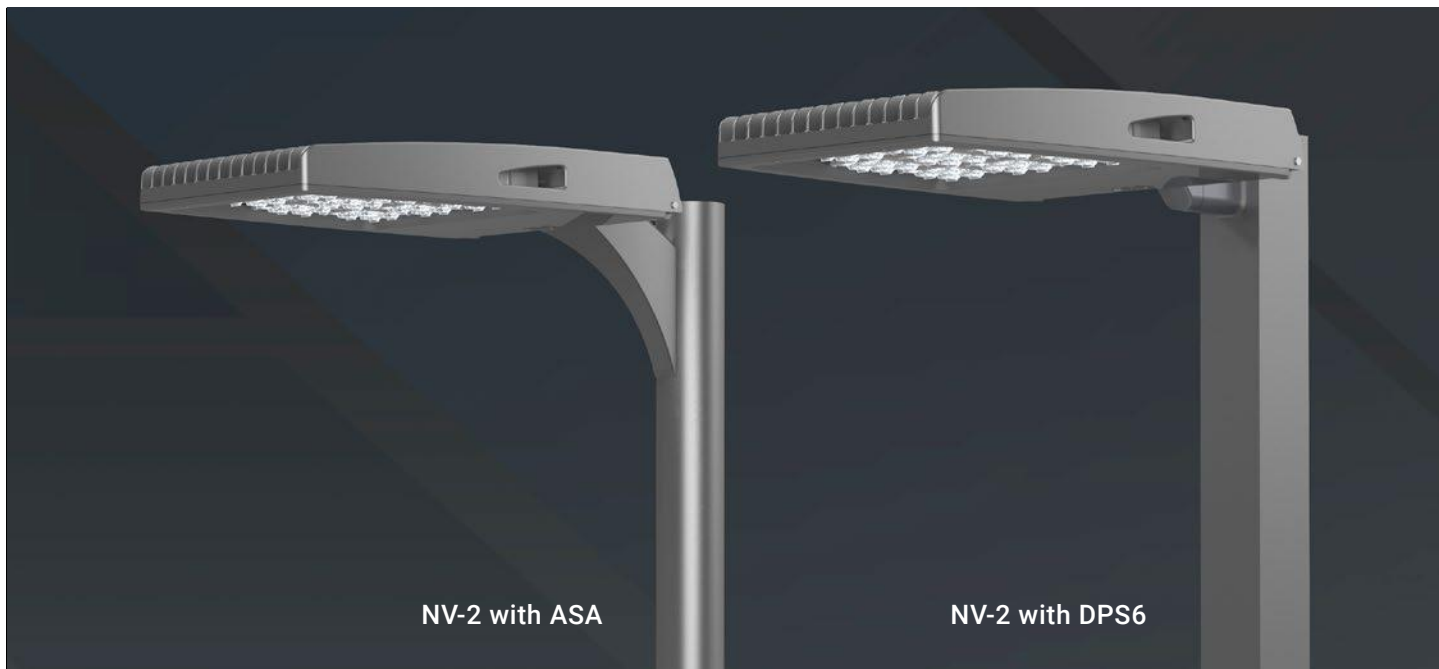
**CONTROLS:** The control system being implemented has been designed per meetings with the owner and architect, determining the complete requirements of the control system, and engineered to the exact specifications of the luminaires in this schedule, and in compliance with the State Energy Code. Any changes to the above would affect the Controls engineering and thus would require re-submission to all parties: Owner, Architect, Lighting Designer, Controls Manufacturer and the State Energy Compliance Department.

**DIMMING:** The method of dimming each fixture type (generally either Non-Dim, ELV/MLV, 0-10v or DALI/Ecosystem) may not have been known at the time the of preliminary specifications submission. Some luminaires may be available with different dimming than is indicated - see the catalog cuts. When requesting a quotation, and ordering, the purchaser must verify the dimming method desired (to match the wiring and type of dimming that will get installed) of each type and request the quotation accordingly. Once product is on site, the dimming installed will have to be compatible with the luminaires. Note: the default dimming specifications are: For CA, US - all 0-10V wherever possible if using central Control System - same. Otherwise, any luminaire that is not 0-10V or combo ELV/120V, is specified as ELV because it cannot be assumed that LV wiring will be run.

**WIRING:** 120V Leading Edge dimmers (old technology for mostly incandescent fixtures) aka Triac/120V dimming, and 120V Trailing Edge dimmers aka ELV dimming (utilizing standard 3 wire White/Black/Green) are not interchangeable with 0-10V dimming which has two additional low voltage wires (Grey/Violet) for analog control signal, using one volt increments from 0 to 10, thus dimming the LED fixtures down to 10% or even 1%. Each fixture much be ordered with the appropriate 120V or the 0-10V driver depending on which will dim it, they are NOT interchangeable. Do Not assume a fixture with 0-10V is "standard" and will thus dim correctly if only 120V dimming is available.

**VOLTAGE:** Voltage to be verified. See Volt column: DV means Dual-Volt - fixtures come compatible for either 120 or 277V. MV means Multi-Volt - fixtures come compatible for either 120/208/240/277/347 volts. TBD means the fixture comes in 120 or 277 but not both and thus the voltage for these fixtures must be verified prior to ordering.





LED WATTAGE CHART

	80L	96L	112L	128L
700 milliamps	168w	200w	243w	265w
1050 milliamps	263w	316w	366w	409w
1200 milliamps				467w

**KEY FEATURES**

- Ideal High Lumen Output for Area, Site, Roadway, and Large Parking Venues such as: Corporate Parks, Shopping Malls, Event & Sports Stadiums, Roadways, and Airports
- Sleek Robust Design of the NV-2 (Weight: 42 lbs., EPA: 0.61)
- IES Distributions T2, T3, T4, and T5
- 80L, 96L, 112, and 128L LED Configurations, 168 to 467 Watts
- Amber, 2700K, 3000K, 3500K, 4000K, 5000K CCT Multichip High Power 70 & 80 CRI LEDs
- IP65 Rated Against Dust & Water Ingress, IK10 Rated for Tamper/Vandalism/Impact Protection
- Mountings available have a 1.5G to 3G Vibration Rating: Architectural Sweep Arm, Direct Pole 6" and 11" Arm, Knuckle Mount, Wall Mount, Trunnion Mount, Mast Arm Mount, and Tennis Arm
- 20kA Surge Protection (120V - 480V), 0 - 10V Programmable, Dimming LED Drivers
- LED Drivers Ambient Temp. Min (°C) is -40°C and Ambient Temp. Max (°C) ranges from 50°C to 55°C

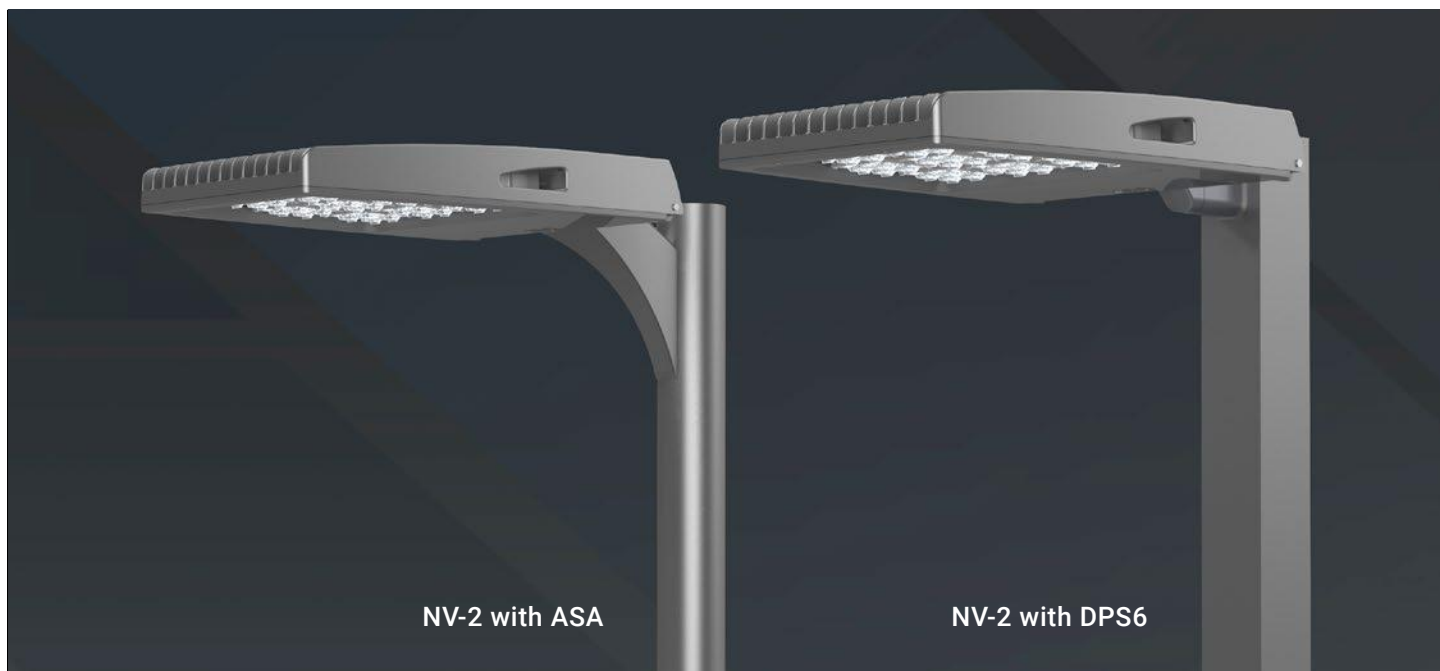
- Silicone Micro Optics providing 96% Clarity and Heat Resistant up to 150°C
- 9 Standard Finishes, Marine Grade Finish and Custom Finish Available
- Controls Agnostic, Compatible with Most Control Systems and Sensors
- Environmentally Friendly Product Which Reduces Energy Consumption, L70 > 100,000 hours
- Easy to Install Mounting
- Cost Competitive and Short Shipping Lead Times in Days & Weeks

**BUY AMERICAN**

To ensure the latest BAA/TAA/BABA Standards are being met, please select BAA, TAA, or BABA in the options section. Please contact the factory before placing an order for any NLS products requesting BAA (Buy American Act), TAA (Trade American Act), or BABA (Build America, Buy America).







LED WATTAGE CHART

	80L	96L	112L	128L
700 milliamps	168w	200w	243w	265w
1050 milliamps	263w	316w	366w	409w
1200 milliamps				467w

**KEY FEATURES**

- Ideal High Lumen Output for Area, Site, Roadway, and Large Parking Venues such as: Corporate Parks, Shopping Malls, Event & Sports Stadiums, Roadways, and Airports
- Sleek Robust Design of the NV-2 (Weight: 42 lbs., EPA: 0.61)
- IES Distributions T2, T3, T4, and T5
- 80L, 96L, 112, and 128L LED Configurations, 168 to 467 Watts
- Amber, 2700K, 3000K, 3500K, 4000K, 5000K CCT Multichip High Power 70 & 80 CRI LEDs
- IP65 Rated Against Dust & Water Ingress, IK10 Rated for Tamper/Vandalism/Impact Protection
- Mountings available have a 1.5G to 3G Vibration Rating: Architectural Sweep Arm, Direct Pole 6" and 11" Arm, Knuckle Mount, Wall Mount, Trunnion Mount, Mast Arm Mount, and Tennis Arm
- 20kA Surge Protection (120V - 480V), 0 - 10V Programmable, Dimming LED Drivers
- LED Drivers Ambient Temp. Min (°C) is -40°C and Ambient Temp. Max (°C) ranges from 50°C to 55°C

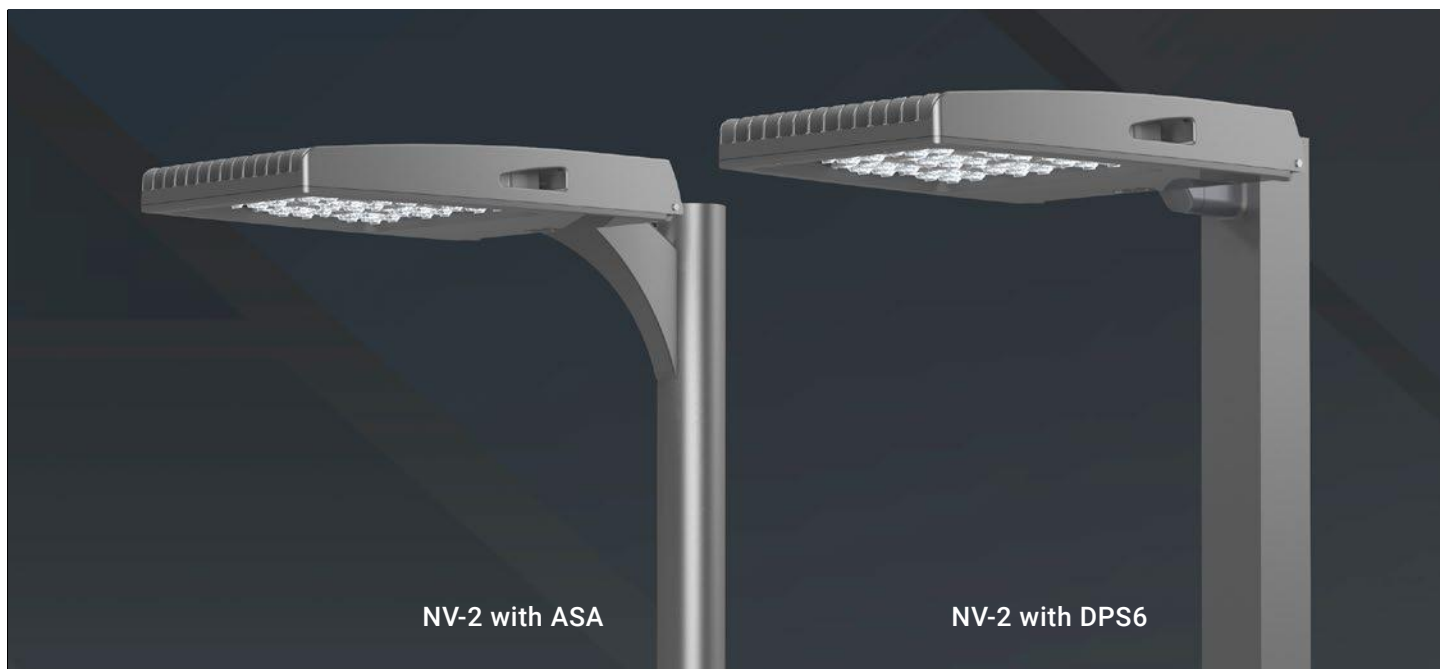
- Silicone Micro Optics providing 96% Clarity and Heat Resistant up to 150°C
- 9 Standard Finishes, Marine Grade Finish and Custom Finish Available
- Controls Agnostic, Compatible with Most Control Systems and Sensors
- Environmentally Friendly Product Which Reduces Energy Consumption, L70 > 100,000 hours
- Easy to Install Mounting
- Cost Competitive and Short Shipping Lead Times in Days & Weeks

**BUY AMERICAN**

To ensure the latest BAA/TAA/BABA Standards are being met, please select BAA, TAA, or BABA in the options section. Please contact the factory before placing an order for any NLS products requesting BAA (Buy American Act), TAA (Trade American Act), or BABA (Build America, Buy America).







LED WATTAGE CHART

	80L	96L	112L	128L
700 milliamps	168w	200w	243w	265w
1050 milliamps	263w	316w	366w	409w
1200 milliamps				467w

KEY FEATURES

- Ideal High Lumen Output for Area, Site, Roadway, and Large Parking Venues such as: Corporate Parks, Shopping Malls, Event & Sports Stadiums, Roadways, and Airports
- Sleek Robust Design of the NV-2 (Weight: 42 lbs., EPA: 0.61)
- IES Distributions T2, T3, T4, and T5
- 80L, 96L, 112, and 128L LED Configurations, 168 to 467 Watts
- Amber, 2700K, 3000K, 3500K, 4000K, 5000K CCT Multichip High Power 70 & 80 CRI LEDs
- IP65 Rated Against Dust & Water Ingress, IK10 Rated for Tamper/Vandalism/Impact Protection
- Mountings available have a 1.5G to 3G Vibration Rating: Architectural Sweep Arm, Direct Pole 6" and 11" Arm, Knuckle Mount, Wall Mount, Trunnion Mount, Mast Arm Mount, and Tennis Arm
- 20kA Surge Protection (120V - 480V), 0 - 10V Programmable, Dimming LED Drivers
- LED Drivers Ambient Temp. Min (°C) is -40°C and Ambient Temp. Max (°C) ranges from 50°C to 55°C

- Silicone Micro Optics providing 96% Clarity and Heat Resistant up to 150°C
- 9 Standard Finishes, Marine Grade Finish and Custom Finish Available
- Controls Agnostic, Compatible with Most Control Systems and Sensors
- Environmentally Friendly Product Which Reduces Energy Consumption, L70 > 100,000 hours
- Easy to Install Mounting
- Cost Competitive and Short Shipping Lead Times in Days & Weeks

BUY AMERICAN

To ensure the latest BAA/TAA/BABA Standards are being met, please select BAA, TAA, or BABA in the options section. Please contact the factory before placing an order for any NLS products requesting BAA (Buy American Act), TAA (Trade American Act), or BABA (Build America, Buy America).





Project Name:

Type:

# NV-2 ORDERING GUIDE

Cat#	Light Dist.	# of LEDs	Miliamps	Kelvin	Volts
NV-2 <b>(NV-2)</b>	Type 2 <b>(T2)</b>	80 <b>(80L)</b>	700 <b>(7)</b>	Amber 586-600nM <b>(AMBER)</b> <sup>10, 12, 15</sup>	120-277 <b>(UNV)</b>
	Type 3 <b>(T3)</b>	96 <b>(96L)</b>	1050 <b>(1)</b>	2700K, 70 CRI <b>(27K7)</b> <sup>6</sup>	347-480 <b>(HV)</b>
	Type 4 <b>(T4)</b>	112 <b>(112L)</b>	1200 <b>(12)</b> <sup>13</sup>	2700K, 80 CRI <b>(27K8)</b> <sup>1, 6</sup>	
	Type 5 <b>(T5)</b>	128 <b>(128L)</b>		3000K, 70 CRI <b>(30K7)</b> <sup>6</sup>	
	Nema 3 30o Narrow Beam <b>(N3)</b>			3000K, 80 CRI <b>(30K8)</b> <sup>1, 6</sup>	
				3500K, 80 CRI <b>(35K8)</b> <sup>1</sup>	
				4000K, 70 CRI <b>(40K7)</b>	
				4000K, 80 CRI <b>(40K8)</b> <sup>1</sup>	
				5000K, 70 CRI <b>(50K7)</b>	
				5000K, 80 CRI <b>(50K8)</b> <sup>1</sup>	
Mounting	Color	Controls Options	Options	Lens Options	
Architectural Sweep Arm <b>(ASA)</b>	Bronze Textured <b>(BRZ)</b>	Nema 7-Pin Receptacle <b>(PE7)</b>	Bird Spikes <b>(BS)</b>	Glass Lens <b>(GL)</b> <sup>7, 14, 16</sup>	
Direct Pole 6" Arm Single D180 <b>(DPS6)</b> <sup>3</sup>	White Textured <b>(WHT)</b>	Photocell + Receptacle <b>(PCR)</b>	Marine Grade Finish <b>(MGF)</b>	HAL Lens <b>(HAL)</b> <sup>8, 16</sup>	
Direct Pole 11" Arm D90, T90, T120, Quad <b>(DPS11)</b> <sup>3</sup>	Smooth White Gloss <b>(SWT)</b>	Receptacle + Shorting Cap <b>(PER)</b>	Optic Plate Painted to Match Fixture <b>(OPP)</b>		
Knuckle Mount <b>(KM)</b>	Silver Metallic <b>(SVR)</b>	FSP-211 with Motion Sensor 9'-20' Heights <b>(FSP-20)</b> <sup>4</sup>	Quick Mount Bracket <b>(QMB)</b>		
Wall Mount <b>(WM)</b>	Black Textured <b>(BLK)</b>	21'-40' Heights <b>(FSP-40)</b> <sup>4</sup>	Retrofit Mount Bracket <b>(RQMB)</b>		
Trunnion Mount <b>(TM)</b> <sup>2</sup>	Smooth Black Gloss <b>(SBK)</b>	Custom Controls Integration <b>(CCI)</b> <sup>9</sup>	Round Pole Adaptor 3"-4" Pole <b>(RPA4)</b>		
Tennis Arm Mount <b>(TA)</b>	Graphite Textured <b>(GPH)</b>	Button Type Photocell <b>(PC)</b> <sup>4</sup>	Round Pole Adaptor 5"-6" Pole <b>(RPA5)</b>		
Mast Arm Mount <b>(MA)</b>	Grey Textured <b>(GRY)</b>		Rotated Optic Left <b>(ROL)</b>		
	Green Textured <b>(GRN)</b>		Rotated Optic Right <b>(ROG)</b>		
	Hunter Green Textured <b>(HGN)</b>		Automotive House Side Shield <b>(AHS)</b>		
	Custom <b>(CS)</b>		House Side Shield <b>(HSS)</b> <sup>5</sup>		
			Black Hardware <b>(BH)</b>		
			Black Optic Frame <b>(BOF)</b>		
			Buy American Act <b>(BAA)</b> <sup>11</sup>		
			Trade Agreement Act <b>(TAA)</b> <sup>11</sup>		
			Build America Buy American <b>(BABA)</b> <sup>11</sup>		

## NOTES:

- Consult Factory for Lead Time. Consult Factory for 90 CRI Requests.
- Standard finish is stainless steel. Can be painted to match fixture.
- For Round Pole Specify RPA4 or RPA5
- Universal Voltage 120-277
- HSS not applicable with Nema 2.
- 3000K or lower, with fixed mounting options only, must be selected to meet International Dark-Sky Association certification.
- Glass Lens: Low iron glass, fully tempered per ANSI C1047 (QCH-2201-37)
- HAL Lens: Yellow Polycarbonate Lens - less than 2% Blue Light Content
- Please contact Factory for Custom Control Integration requests (nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, Dali II, Avi-On, or other control systems)
- Turtle Safe
- Consult factory for all BAA/TAA/BABA requests
- Consult Factory for Lead Time
- 1200mA is only available with 128L
- 700mA is only available with Glass Lens option
- Not Available above 1000mA
- Contact Factory



701 Kingshill Place, Carson, CA 90746  
Call Us Today (310) 341-2037

nlsighting.com



## PRODUCT SPECIFICATIONS

### ELECTRICAL

- 120-277 Volts (UNV) or 347-480 Volts (HV)
- 0-10V dimming driver
- Driver power factor at maximum load is  $\geq .95$ , THD maximum load is 15%
- LED Drivers Ambient Temp. Min is -40°C and Ambient Temp. Max ranges from 50°C to 55°C. Consult the factory for revalidation by providing the fixture catalog string before quoting and specifying it.
- All internal wiring UL certified for 600 VAC and 105°C
- All drivers, controls, and sensors housed in enclosed IP65 compartment
- CRI 70, 80 or 90 (Contact factory for 90 CRI)
- Color temperatures: Amber, 2700K, 3000K, 3500K, 4000K, 5000K
- Surge Protection: 20KA supplied as standard.

### CONSTRUCTION

- Die Cast Aluminum
- External cooling fins
- Corrosion resistant external hardware
- One-piece silicone gasket ensures IP65 seal for electronics compartment
- One-piece Optics Plate™ mounting silicone Micro Optics
- Two-piece silicone Micro Optic system ensures IP67 level seal around each PCB
- Grade 2 Clear Anodized Optics Plate™ standard

### OPTIONS

- BIRD SPIKES (BS) - Offers a practical and humane deterrent for larger bird species and provides a cost-effective long-term solution to nuisance bird infestations and protects your property.
- MARINE GRADE FINISH (MGF) - A multi-step process creating protective finishing coat against harsh environments. Chemically washed in a 5 stage cleaning system. Pre-baked, Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer. Oven Baked. Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.
- OPTIC PLATE PAINTED TO MATCH FIXTURE (OPP) - Optic plate is clear anodized as standard. The optic plate can be powder coated to match the finish of the fixture.
- QUICK MOUNT BRACKET (QMB) - Optional Cast Aluminum Bracket designed for quick mounting on Direct Square or Round Poles. Cleat mounts directly to pole for easily hung fixtures. Has a 2"x4" Drill Pattern.
- RETROFIT MOUNT BRACKET - Optional Cast Aluminum Bracket designed for quick mounting on Direct Square or Round Poles. Cleat mounts directly to pole for easily hung fixtures. Drill Pattern is adjustable from 2"x4" to 2"x6".
- ROUND POLE ADAPTER (RPA) - When using round poles, specify Round Pole Adapter (RPA). Specify RPA4 when installing on 3"-4" round poles, and RPA5 when installing on 5"-6" round poles.
- ROTATED OPTICS (ROL) (ROR) - Rotated optics are designed for perimeter lighting for auto dealerships.
- SHIELDS (HSS, AHS) - House Side Shield (HSS) is designed for full property line cut-off. Automotive House Side Shield (AHS) is a single-sided shield allowing partial cut-off on either side or front of luminaire.
- Black Hardware (BH) - Optional black, zinc coated steel hardware.
- Black Optic Frame (BOF) - Optional black optic frame. Standard is white.
- GLASS LENS (GL) - Low Iron Glass, fully tempered.
- High performance amber lens (hal)

### CONTROL OPTIONS

- FSP-211 (FSP-X) - Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
- All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
- FSP-20 mounting heights 9-20 feet
- FSP-40 mounting heights 21-40 feet.
- Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field.
- FSIR-100 commissioning remote is required to change sensor settings. Please contact factory for ordering.
- Controls Agnostic: Please contact factory for your preferred controls option. (nLight, NX, WaveLinX, Crestron, DMX/RDM, Synapse, Casambi, Dali II, or other control systems)
- NEMA 7-PIN RECEPTACLE (PE7) - An ANSI C136.41-2013 receptacle provides electrical and mechanical interconnection between photo control cell and luminaire. Dimming receptacle available two or four dimming contacts supports 0-10 VDC dimming methods or Digital Addressable Lighting Interface (DALI), providing reliable power interconnect.
- PHOTOCELL + RECEPTACLE (PCR) - 7-Pin Receptacle and Electronic Twist Lock Photocell for dusk to dawn operation.
- RECEPTACLE + SHORTING CAP (PER) - 7-Pin Receptacle and Shorting Cap.

### FINISH

- 3-5 mils electrostatic powder coat.
- NLS Light's standard high-quality finishes prevent corrosion protects against and extreme environmental conditions.

### WARRANTY

Five-year limited warranty for drivers and LEDs.

### OPTICS

Silicone optics high thermal stability and light output provide higher powered LEDs with minimized lumen depreciation. UV stability with scratch resistance increases exterior application durability. Silicone optics do not yellow, crack or brittle over time

### LISTINGS

- Certified to UL 1598
- UL 8750
- CSA C22.2 No. 250.0
- DesignLights Consortium® (DLC)
- DesignLights Consortium Premium® (DLCP)
- IP65/ IP67 Rated
- 3G Vibration Rated per ANSI C136.31-2010
- IDA Dark Sky Approved
- IK10 Rated

### BUY AMERICAN OPTION

While all of the NLS Lighting products listed in this document qualify for the Buy America(n) Act of 1933, we reserve the right to change our listings without notice.

The information provided above is for general informational purposes only. We encourage you to consult legal professionals for advice particular to your projects concerning BAA, TAA, BABA or Buy America.

Additional NLS Products that meet BAA, TAA standards can be found at the following link:

<https://nslighting.com/buy-american/>



The information and specifications on this document are subject to change without any notification. All values are design, nominal, typical or prorated values when measured under internal and external laboratory conditions.

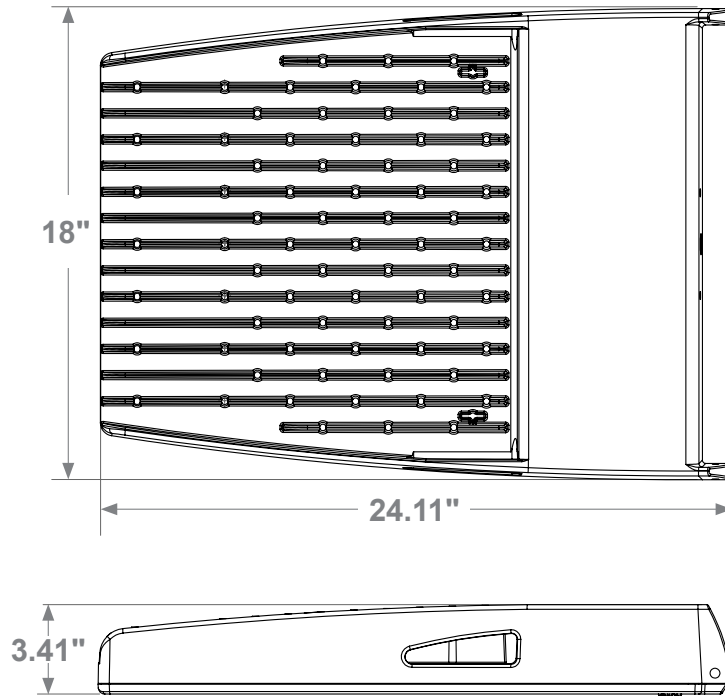


701 Kingshill Place, Carson, CA 90746  
Call Us Today (310) 341-2037

[nslighting.com](https://nslighting.com)



# PRODUCT SPECIFICATIONS



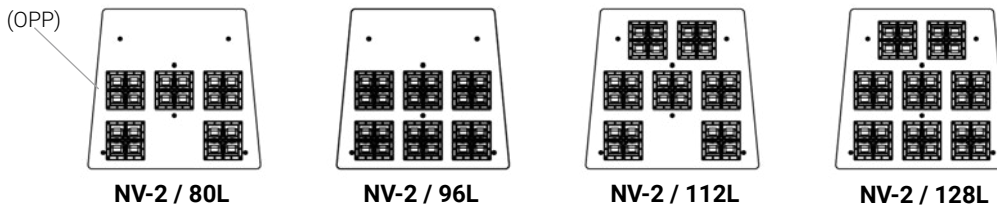
**Weight: 42 lbs**

**EPA: .61**

## OPTICAL CONFIGURATIONS

Rotatable Optics (ROR) Rotated Right, (ROL) Rotated Left options available. Optics field and factory rotatable.

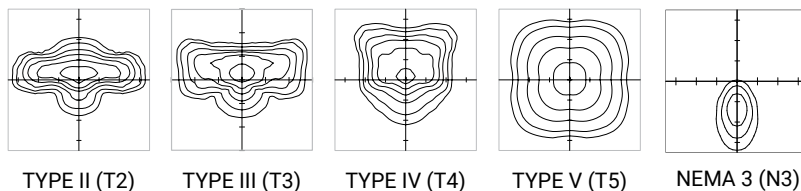
\* OPTIC PLATE PAINTED TO MATCH FIXTURE FINISH (OPP)– Optic Plate standard clear anodized, Grade 2. When (OPP) specified, Optic Plate finish will match fixture finish.



## OPTICS

Silicone optics high photothermal stability and light output provides higher powered LEDs with minimized lumen depreciation LED life. UV and thermal stability with scratch resistance increases exterior application durability.

IES Types





## LUMENS

PART NUMBER	N3	LM/W	T2	LM/W	T3	LM/W	T4	LM/W	T4 AHS	LM/W	T5	LM/W	W
NV-2-80L-7-30K7	18816	112	19744	116	19218	113	18992	112	12096	72	19713	117	168
NV-2-80L-7-40K7	19488	116	21000	125	20328	121	20160	120	12768	76	21168	126	168
NV-2-80L-7-50K7	20160	120	21672	129	21168	126	21000	125	13440	80	21840	130	168
NV-2-80L-1-30K7	29456	112	28141	107	27352	104	30245	115	18936	72	29193	111	263
NV-2-80L-1-40K7	30508	116	30245	115	29456	112	32086	122	19988	76	31297	119	263
NV-2-80L-1-50K7	31560	120	31297	119	30508	116	33664	128	21040	80	33138	126	263
NV-2-96L-7-30K7	22400	112	23200	116	22600	113	22400	112	14400	72	23400	117	200
NV-2-96L-7-40K7	23200	116	25000	125	24200	121	24000	120	15200	76	25200	126	200
NV-2-96L-7-50K7	24000	120	25800	129	25200	126	25000	125	16000	80	26000	130	200
NV-2-96L-1-30K7	35392	112	33812	107	32864	104	36340	115	22752	72	35076	111	316
NV-2-96L-1-40K7	36656	116	36340	115	35392	112	38552	122	24016	76	37604	119	316
NV-2-96L-1-50K7	37920	120	37604	119	36656	116	40448	128	25280	80	39816	126	316
NV-2-112L-7-30K7	27216	112	28188	116	27459	113	27216	112	17496	72	28431	117	243
NV-2-112L-7-40K7	28188	116	30375	125	29403	121	29160	120	18468	76	30618	126	243
NV-2-112L-7-50K7	29160	120	31347	129	30618	126	30375	125	19440	80	31590	130	243
NV-2-112L-1-30K7	40992	112	39162	107	38064	104	42090	115	26352	72	40626	111	366
NV-2-112L-1-40K7	42456	116	42090	115	40992	112	44652	122	27816	76	43554	119	366
NV-2-112L-1-50K7	43920	120	43554	119	42456	116	46848	128	29280	80	46116	126	366
NV-2-128L-7-30K7	29680	112	30740	116	29945	113	29680	112	19080	72	31005	117	265
NV-2-128L-7-40K7	30740	116	33125	125	32065	121	31800	120	20140	76	33390	126	265
NV-2-128L-7-50K7	31800	120	34185	129	33390	126	33125	125	21200	80	34450	130	265
NV-2-128L-1-30K7	45808	112	43763	107	42536	104	47035	115	29448	72	45399	111	409
NV-2-128L-1-40K7	47444	116	47035	115	45808	112	49898	122	31084	76	48671	119	409
NV-2-128L-1-50K7	49080	120	48671	119	47445	116	52352	128	33129	81	51534	126	409
NV-2-128L-12-30K7	52352	112	50015	107	48613	104	48144	103			50483	108	467
NV-2-128L-12-40K7	54222	116	53754	115	52353	112	51884	111			54222	116	467
NV-2-128L-12-50K7	56091	120	55624	119	54222	116	55157	118			56092	120	467

3000k or warmer must be selected to meet International Dark-Sky Association certification.

## BUG RATINGS

PART NUMBER	T2	T3	T4	T5
NV-2-80L-7-30K7	B3-U0-G3	B3-U0-G3	B3-U0-G3	B5-U0-G3
NV-2-80L-7-40K7	B3-U0-G3	B3-U0-G3	B3-U0-G3	B5-U0-G3
NV-2-80L-7-50K7	B3-U0-G3	B3-U0-G3	B3-U0-G3	B5-U0-G3
NV-2-80L-1-30K7	B3-U0-G3	B3-U0-G4	B3-U0-G4	B5-U0-G3
NV-2-80L-1-40K7	B3-U0-G3	B3-U0-G4	B3-U0-G4	B5-U0-G3
NV-2-80L-1-50K7	B3-U0-G4	B3-U0-G4	B3-U0-G4	B5-U0-G4
NV-2-96L-7-30K7	B3-U0-G3	B3-U0-G3	B3-U0-G3	B5-U0-G3
NV-2-96L-7-40K7	B3-U0-G3	B3-U0-G3	B3-U0-G3	B5-U0-G3
NV-2-96L-7-50K7	B3-U0-G3	B3-U0-G3	B3-U0-G4	B5-U0-G3
NV-2-96L-1-30K7	B3-U0-G4	B4-U0-G4	B3-U0-G4	B5-U0-G4
NV-2-96L-1-40K7	B3-U0-G4	B4-U0-G4	B3-U0-G4	B5-U0-G4
NV-2-96L-1-50K7	B3-U0-G4	B4-U0-G4	B3-U0-G4	B5-U0-G4
NV-2-112L-7-30K7	B3-U0-G3	B3-U0-G4	B3-U0-G4	B5-U0-G3
NV-2-112L-7-40K7	B3-U0-G3	B3-U0-G4	B3-U0-G4	B5-U0-G3
NV-2-112L-7-50K7	B3-U0-G4	B3-U0-G4	B3-U0-G4	B5-U0-G4
NV-2-112L-1-30K7	B4-U0-G4	B4-U0-G4	B4-U0-G5	B5-U0-G4
NV-2-112L-1-40K7	B4-U0-G4	B4-U0-G4	B4-U0-G5	B5-U0-G4
NV-2-112L-1-50K7	B4-U0-G4	B4-U0-G4	B4-U0-G5	B5-U0-G4
NV-2-128L-7-30K7	B3-U0-G3	B3-U0-G4	B3-U0-G4	B5-U0-G4
NV-2-128L-7-40K7	B3-U0-G3	B3-U0-G4	B3-U0-G4	B5-U0-G4
NV-2-128L-7-50K7	B3-U0-G4	B4-U0-G4	B3-U0-G4	B5-U0-G4
NV-2-128L-1-30K7	B4-U0-G4	B4-U0-G4	B4-U0-G5	B5-U0-G4
NV-2-128L-1-40K7	B4-U0-G4	B4-U0-G4	B4-U0-G5	B5-U0-G4
NV-2-128L-1-50K7	B4-U0-G4	B4-U0-G5	B4-U0-G5	B5-U0-G5
NV-2-128L-12-30K7	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5
NV-2-128L-12-40K7	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5
NV-2-128L-12-50K7	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5

## EPA

EPA	SGL	D90	D180	T90	T120	QD
NV-2-DP	0.89	1.22	1.78	1.96	1.91	1.96
NV-2-KM	0.69	1.18	1.38	1.85	2.68	1.85
NV-2-ASA	0.98	1.96	1.75	2.66	2.62	2.66

## DPX ARM LENGTH

DPX ARM LENGTH	SGL	D90	D180	T90	T120	QD
NV-2	6.25"	11.25"	6.25"	11.25"	11.25"	11.25"



701 Kingshill Place, Carson, CA 90746  
Call Us Today (310) 341-2037

nslighting.com



## LUMENS HSS

PART NUMBER	T2 HSS	LM/W	T3 HSS	LM/W	T4 HSS	LM/W	W
NV-2-80L-700-27K7	12131	72	11692	70	11752	70	168
NV-2-80L-700-27K8	11359	68	10948	65	11004	65	168
NV-2-80L-700-30K8	12178	72	11738	70	11798	70	168
NV-2-80L-700-30K7	13116	78	12642	75	12706	76	168
NV-2-80L-700-35K8	12178	72	11738	70	11798	70	168
NV-2-80L-700-40K8	13116	78	12642	75	12706	76	168
NV-2-80L-700-40K7	14172	84	13659	81	13729	82	168
NV-2-80L-700-50K8	13116	78	12642	75	12706	76	168
NV-2-80L-700-50K7	14172	84	13659	81	13729	82	168
NV-2-80L-1050-27K7	18197	69	17538	67	17628	67	263
NV-2-80L-1050-27K8	17038	65	16422	62	16506	63	263
NV-2-80L-1050-30K8	18268	69	17607	67	17697	67	263
NV-2-80L-1050-30K7	19674	75	18962	72	19060	72	263
NV-2-80L-1050-35K8	18268	69	17607	67	17697	67	263
NV-2-80L-1050-40K8	19674	75	18962	72	19060	72	263
NV-2-80L-1050-40K7	21258	81	20489	78	20594	78	263
NV-2-80L-1050-50K8	19674	75	18962	72	19060	72	263
NV-2-80L-1050-50K7	21258	81	20489	78	20594	78	263
NV-2-96L-700-27K7	14557	73	14031	70	14103	71	200
NV-2-96L-700-27K8	13631	68	13137	66	13205	66	200
NV-2-96L-700-30K8	14614	73	14085	70	14157	71	200
NV-2-96L-700-30K7	15740	79	15170	76	15248	76	200
NV-2-96L-700-35K8	14614	73	14085	70	14157	71	200
NV-2-96L-700-40K8	15740	79	15170	76	15248	76	200
NV-2-96L-700-40K7	17007	85	16391	82	16475	82	200
NV-2-96L-700-50K8	15740	79	15170	76	15248	76	200
NV-2-96L-700-50K7	17007	85	16391	82	16475	82	200
NV-2-96L-1050-27K7	21836	69	21046	67	21154	67	316
NV-2-96L-1050-27K8	20446	65	19706	62	19807	63	316
NV-2-96L-1050-30K8	21921	69	21128	67	21236	67	316
NV-2-96L-1050-30K7	23609	75	22755	72	22871	72	316
NV-2-96L-1050-35K8	21921	69	21128	67	21236	67	316
NV-2-96L-1050-40K8	23609	75	22755	72	22871	72	316
NV-2-96L-1050-40K7	25510	81	24587	78	24713	78	316
NV-2-96L-1050-50K8	23609	75	22755	72	22871	72	316
NV-2-96L-1050-50K7	25510	81	24587	78	24713	78	316
NV-2-112L-700-27K7	16984	70	16369	67	16453	68	243
NV-2-112L-700-27K8	15902	65	15327	63	15405	63	243
NV-2-112L-700-30K8	17050	70	16433	68	16517	68	243
NV-2-112L-700-30K7	18363	76	17698	73	17789	73	243
NV-2-112L-700-35K8	17050	70	16433	68	16517	68	243
NV-2-112L-700-40K8	18363	76	17698	73	17789	73	243
NV-2-112L-700-40K7	19841	82	19123	79	19221	79	243
NV-2-112L-700-50K8	18363	76	17698	73	17789	73	243
NV-2-112L-700-50K7	19841	82	19123	79	19221	79	243
NV-2-112L-1050-27K7	25476	70	24554	67	24679	67	366
NV-2-112L-1050-27K8	23854	65	22990	63	23108	63	366
NV-2-112L-1050-30K8	25575	70	24649	67	24775	68	366
NV-2-112L-1050-30K7	27544	75	26547	73	26683	73	366
NV-2-112L-1050-35K8	25575	70	24649	67	24775	68	366
NV-2-112L-1050-40K8	27544	75	26547	73	26683	73	366
NV-2-112L-1050-40K7	29761	81	28684	78	28831	79	366
NV-2-112L-1050-50K8	27544	75	26547	73	26683	73	366
NV-2-112L-1050-50K7	29761	81	28684	78	28831	79	366
NV-2-128L-700-27K7	19410	73	18707	71	18803	71	265
NV-2-128L-700-27K8	18174	69	17516	66	17606	66	265
NV-2-128L-700-30K8	19486	74	18780	71	18877	71	265
NV-2-128L-700-30K7	20986	79	20226	76	20330	77	265
NV-2-128L-700-35K8	19486	74	18780	71	18877	71	265
NV-2-128L-700-40K8	20986	79	20226	76	20330	77	265
NV-2-128L-700-40K7	22675	86	21855	82	21967	83	265
NV-2-128L-700-50K8	20986	79	20226	76	20330	77	265
NV-2-128L-700-50K7	22675	86	21855	82	21967	83	265
NV-2-128L-1050-27K7	29115	71	28061	69	28205	69	409
NV-2-128L-1050-27K8	27261	67	26275	64	26409	65	409
NV-2-128L-1050-30K8	29228	71	28170	69	28315	69	409
NV-2-128L-1050-30K7	31479	77	30340	74	30495	75	409
NV-2-128L-1050-35K8	29228	71	28170	69	28315	69	409
NV-2-128L-1050-40K8	31479	77	30340	74	30495	75	409
NV-2-128L-1050-40K7	34013	83	32782	80	32950	81	409
NV-2-128L-1050-50K8	31479	77	30340	74	30495	75	409
NV-2-128L-1050-50K7	34013	83	32782	80	32950	81	409

3000K or lower, with fixed mounting options only, must be selected to meet International Dark-Sky Association certification.



701 Kingshill Place, Carson, CA 90746  
Call Us Today (310) 341-2037

[nlsighting.com](http://nlsighting.com)



## B.U.G RATING HSS

PART NUMBER	T2 HSS B.U.G.	T3 HSS B.U.G.	T4 HSS B.U.G.	W
NV-2-80L-700-27K7	B1-U0-G2	B1-U0-G2	B1-U0-G2	168
NV-2-80L-700-27K8	B1-U0-G2	B1-U0-G2	B1-U0-G2	168
NV-2-80L-700-30K8	B1-U0-G2	B1-U0-G2	B1-U0-G2	168
NV-2-80L-700-30K7	B1-U0-G3	B1-U0-G3	B1-U0-G3	168
NV-2-80L-700-35K8	B1-U0-G2	B1-U0-G2	B1-U0-G2	168
NV-2-80L-700-40K8	B1-U0-G2	B1-U0-G2	B1-U0-G3	168
NV-2-80L-700-40K7	B1-U0-G2	B1-U0-G2	B1-U0-G3	168
NV-2-80L-700-50K8	B1-U0-G2	B1-U0-G2	B1-U0-G3	168
NV-2-80L-700-50K7	B1-U0-G2	B1-U0-G2	B1-U0-G3	168
NV-2-80L-1050-27K7	B2-U0-G3	B1-U0-G3	B1-U0-G3	263
NV-2-80L-1050-27K8	B2-U0-G2	B1-U0-G3	B1-U0-G3	263
NV-2-80L-1050-30K8	B2-U0-G3	B1-U0-G3	B1-U0-G3	263
NV-2-80L-1050-30K7	B2-U0-G3	B1-U0-G3	B1-U0-G4	263
NV-2-80L-1050-35K8	B2-U0-G3	B1-U0-G3	B1-U0-G3	263
NV-2-80L-1050-40K8	B2-U0-G3	B1-U0-G3	B1-U0-G4	263
NV-2-80L-1050-40K7	B2-U0-G3	B1-U0-G3	B1-U0-G4	263
NV-2-80L-1050-50K8	B2-U0-G3	B1-U0-G3	B1-U0-G4	263
NV-2-80L-1050-50K7	B2-U0-G3	B1-U0-G3	B1-U0-G4	263
NV-2-96L-700-27K7	B1-U0-G2	B1-U0-G2	B1-U0-G3	200
NV-2-96L-700-27K8	B1-U0-G2	B1-U0-G2	B1-U0-G3	200
NV-2-96L-700-30K8	B1-U0-G2	B1-U0-G2	B1-U0-G3	200
NV-2-96L-700-30K7	B1-U0-G2	B1-U0-G3	B1-U0-G3	200
NV-2-96L-700-35K8	B1-U0-G2	B1-U0-G2	B1-U0-G3	200
NV-2-96L-700-40K8	B1-U0-G2	B1-U0-G3	B1-U0-G3	200
NV-2-96L-700-40K7	B2-U0-G2	B1-U0-G3	B1-U0-G3	200
NV-2-96L-700-50K8	B1-U0-G2	B1-U0-G3	B1-U0-G3	200
NV-2-96L-700-50K7	B2-U0-G2	B1-U0-G3	B1-U0-G3	200
NV-2-96L-1050-27K7	B2-U0-G3	B1-U0-G3	B1-U0-G4	316
NV-2-96L-1050-27K8	B2-U0-G3	B1-U0-G3	B1-U0-G4	316
NV-2-96L-1050-30K8	B2-U0-G3	B1-U0-G3	B1-U0-G4	316
NV-2-96L-1050-30K7	B2-U0-G3	B1-U0-G4	B2-U0-G4	316
NV-2-96L-1050-35K8	B2-U0-G3	B1-U0-G3	B1-U0-G4	316
NV-2-96L-1050-40K8	B2-U0-G3	B1-U0-G4	B2-U0-G4	316
NV-2-96L-1050-40K7	B2-U0-G3	B1-U0-G4	B2-U0-G4	316
NV-2-96L-1050-50K8	B2-U0-G3	B1-U0-G4	B2-U0-G4	316
NV-2-96L-1050-50K7	B2-U0-G3	B1-U0-G4	B2-U0-G4	316
NV-2-112L-700-27K7	B2-U0-G2	B1-U0-G3	B1-U0-G3	243
NV-2-112L-700-27K8	B2-U0-G2	B1-U0-G3	B1-U0-G3	243
NV-2-112L-700-30K8	B2-U0-G2	B1-U0-G3	B1-U0-G3	243
NV-2-112L-700-30K7	B2-U0-G3	B1-U0-G3	B1-U0-G3	243
NV-2-112L-700-35K8	B2-U0-G2	B1-U0-G3	B1-U0-G3	243
NV-2-112L-700-40K8	B2-U0-G3	B1-U0-G3	B1-U0-G3	243
NV-2-112L-700-40K7	B2-U0-G3	B1-U0-G3	B1-U0-G4	243
NV-2-112L-700-50K8	B2-U0-G3	B1-U0-G3	B1-U0-G3	243
NV-2-112L-700-50K7	B2-U0-G3	B1-U0-G3	B1-U0-G4	243
NV-2-112L-1050-27K7	B2-U0-G3	B1-U0-G4	B2-U0-G4	366
NV-2-112L-1050-27K8	B2-U0-G3	B1-U0-G4	B2-U0-G4	366
NV-2-112L-1050-30K8	B2-U0-G3	B1-U0-G4	B2-U0-G4	366
NV-2-112L-1050-30K7	B2-U0-G4	B1-U0-G4	B2-U0-G4	366
NV-2-112L-1050-35K8	B2-U0-G3	B1-U0-G4	B2-U0-G4	366
NV-2-112L-1050-40K8	B2-U0-G4	B1-U0-G4	B2-U0-G4	366
NV-2-112L-1050-40K7	B2-U0-G4	B2-U0-G4	B2-U0-G4	366
NV-2-112L-1050-50K8	B2-U0-G4	B1-U0-G4	B2-U0-G4	366
NV-2-112L-1050-50K7	B2-U0-G4	B2-U0-G4	B2-U0-G4	366
NV-2-128L-700-27K7	B2-U0-G3	B1-U0-G3	B1-U0-G3	265
NV-2-128L-700-27K8	B2-U0-G3	B1-U0-G3	B1-U0-G3	265
NV-2-128L-700-30K8	B2-U0-G3	B1-U0-G3	B1-U0-G3	265
NV-2-128L-700-30K7	B2-U0-G3	B1-U0-G3	B1-U0-G4	265
NV-2-128L-700-35K8	B2-U0-G3	B1-U0-G3	B1-U0-G3	265
NV-2-128L-700-40K8	B2-U0-G3	B1-U0-G3	B1-U0-G4	265
NV-2-128L-700-40K7	B2-U0-G3	B1-U0-G3	B2-U0-G4	265
NV-2-128L-700-50K8	B2-U0-G3	B1-U0-G3	B1-U0-G4	265
NV-2-128L-700-50K7	B2-U0-G3	B1-U0-G3	B2-U0-G4	265
NV-2-128L-1050-27K7	B2-U0-G4	B1-U0-G4	B2-U0-G4	409
NV-2-128L-1050-27K8	B2-U0-G4	B1-U0-G4	B2-U0-G4	409
NV-2-128L-1050-30K8	B2-U0-G4	B1-U0-G4	B2-U0-G4	409
NV-2-128L-1050-30K7	B2-U0-G4	B2-U0-G4	B2-U0-G5	409
NV-2-128L-1050-35K8	B2-U0-G4	B1-U0-G4	B2-U0-G4	409
NV-2-128L-1050-40K8	B2-U0-G4	B2-U0-G4	B2-U0-G5	409
NV-2-128L-1050-40K7	B3-U0-G4	B2-U0-G4	B2-U0-G5	409
NV-2-128L-1050-50K8	B2-U0-G4	B2-U0-G4	B2-U0-G5	409
NV-2-128L-1050-50K7	B3-U0-G4	B2-U0-G4	B2-U0-G5	409

3000K or lower, with fixed mounting options only, must be selected to meet International Dark-Sky Association certification.



701 Kingshill Place, Carson, CA 90746  
Call Us Today (310) 341-2037

[nlsighting.com](http://nlsighting.com)

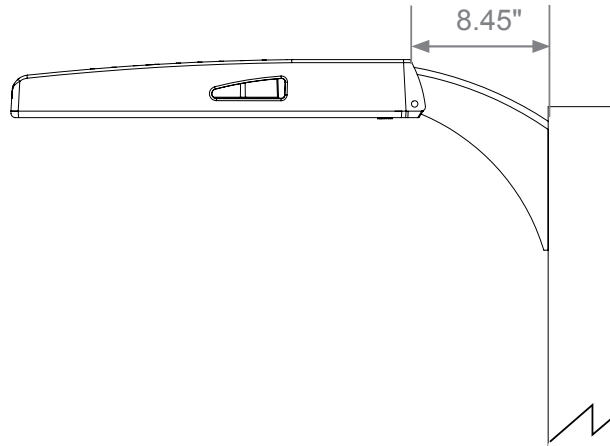


## PRODUCT SPECIFICATIONS

### MOUNTING OPTIONS

#### ARCHITECTURAL SWEEP ARM (ASA)

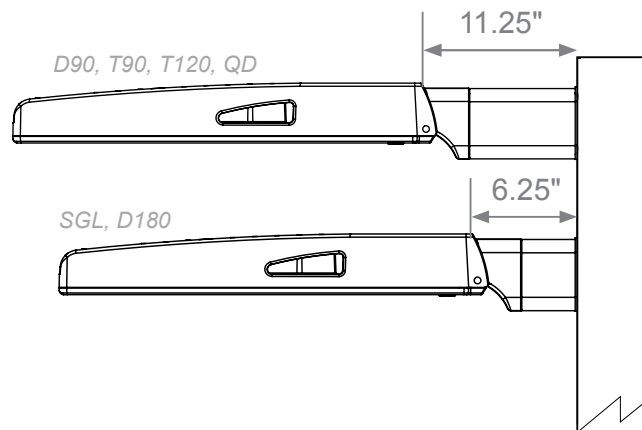
Cast Sweep Arm includes (as standard)  
Internal Quick Mount Bracket.



#### DIRECT POLE (DP)

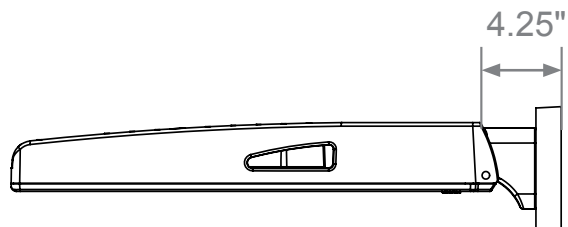
Standard mounting arm is extruded  
aluminum in lengths of 6.25" and 11.25".

*\*Arm lengths may vary depending on configuration*



#### WALL MOUNT (WM)

Cast Aluminum Plate for direct wall mount.  
3" extruded aluminum arm mounts directly  
to a cast wall mount box.





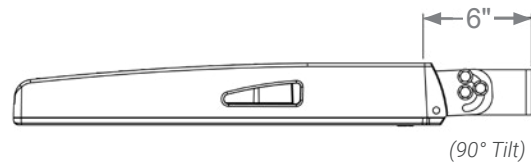
## PRODUCT SPECIFICATIONS

### MOUNTING OPTIONS

#### TRUNNION MOUNT (TM)

Steel, bolt-on-mounting for adjustable installation with a maximum uplift of 90 degrees.

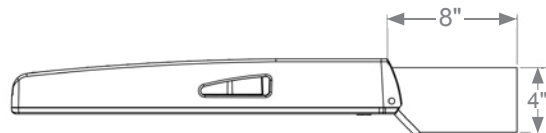
*\*Unpainted stainless steel is standard*



#### TENNIS ARM (TA)

Steel fitter slips over 3.5" x 1.5" rectangular arm.

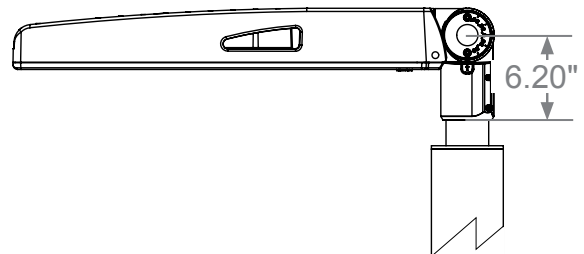
*\*See Tennis Arm Spec Sheet for details*



#### KNUCKLE MOUNT (KM)

Die Cast Knuckle great for adjustable installation on 2-3/8" OD vertical or horizontal tenon.

- Max Up-tilt of 90 degrees
- Adjustable in 6 degree increments



#### MAST ARM MOUNT (MA)

Mast Arm Fitter slips over 2-3/8" OD tenon.

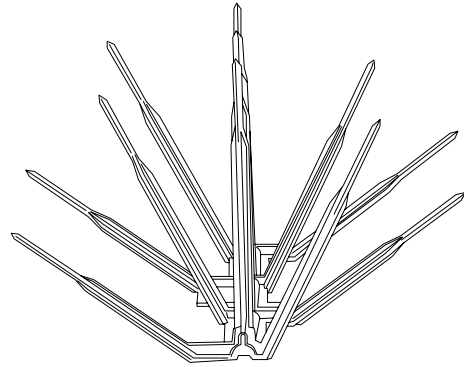




## PRODUCT SPECIFICATIONS

### BIRD SPIKES (BS)

Bird Spikes offers effective and humane deterrent for larger bird species and provides cost-effective long-term solution to nuisance bird infestations and protect your property.



### MARINE GRADE FINISH (MGF)

The **(MGF)** is a multi step process. Chemically washed in a 5 stage cleaning system. Pre-baked. Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer. Oven Baked. Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.



#### **Powder Coat Finish**

3-5 mil Powder Coat

#### **Primer Layer**

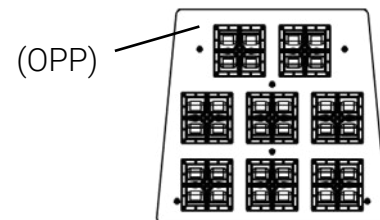
3-5 mil Zinc Rich Super Durable Polyester Primer

#### **Prepared Casting**

Chemically washed in multi Step 5 stage cleaning process

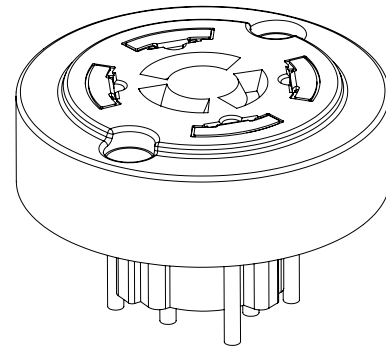
### OPTIC PLATE PAINTED TO MATCH (OPP)

Optic plate is clear anodized as standard. The optic plate can be powder coated to match the finish of the fixture.



### NEMA 7-PIN RECEPTACLE (PE7)

An ANSI C136.41-2013 receptacle provides electrical and mechanical interconnection between photo control cell and luminaire. Dimming receptacle available two or four dimming contacts supports 0-10 VDC dimming methods or Digital Addressable Lighting Interface (DALI), providing reliable power interconnect.

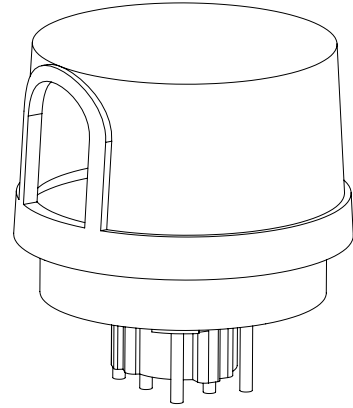




## PRODUCT SPECIFICATIONS

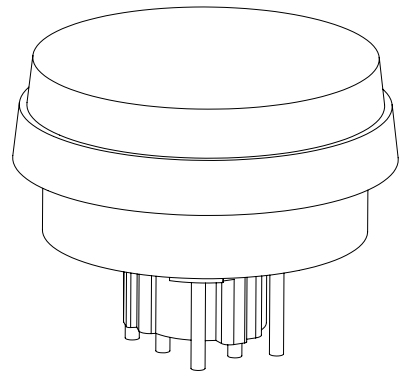
### PHOTOCELL + RECEPTACLE (PCR)

7-Pin Receptacle and Electronic Twist Lock Photocell for dusk to dawn operation.



### RECEPTACLE + SHORTING CAP (PER)

7-Pin Receptacle and Shorting Cap.



### QUICK MOUNT BRACKET (QMB)

Optional Cast Aluminum Bracket designed for quick mounting on Direct Square or Round Poles. Cleat mounts directly to pole for easily hung fixtures. Has a 2"x4" Drill Pattern.



## PRODUCT SPECIFICATIONS

### RETROFIT MOUNT BRACKET (RQMB)

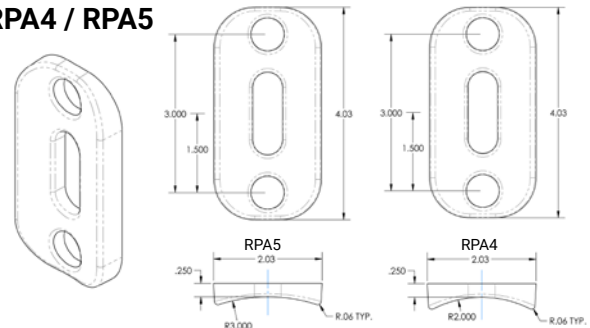
Optional Cast Aluminum Bracket designed for quick mounting on Direct Square or Round Poles. Cleat mounts directly to pole for easily hung fixtures. Drill Pattern is adjustable from 2"x4" to 2"x6".



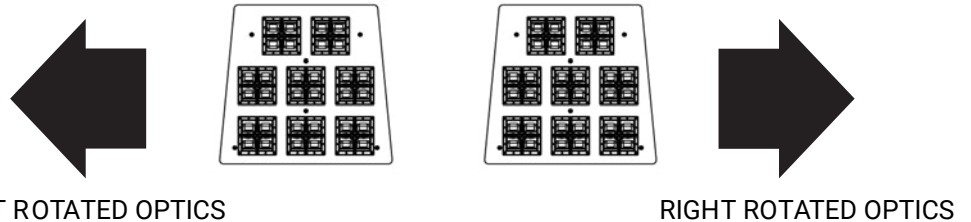
### ROUND POLE ADAPTER OPTIONS (RPA4) (RPA5)

When using round poles, specify Round Pole Adapter (RPA). Specify RPA4 when installing on 3"-4" round poles, and RPA5 when installing on 5"-6" round poles.

#### RPA4 / RPA5



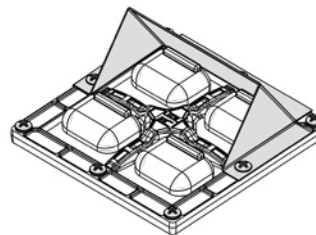
### ROTATED OPTICS (ROL) (ROR)



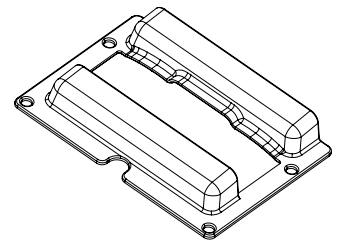
### SHIELDING OPTIONS (AHS) (HSS)

SHIELDS (HSS, AHS)—House Side Shield (HSS) is designed for full property line cut-off. Automotive House Side Shield (AHS) is a single-sided shield allowing partial cut-off on either side or front of luminaire.

#### AUTOMOTIVE HOUSE SIDE SHIELD



#### HOUSE SIDE SHIELD

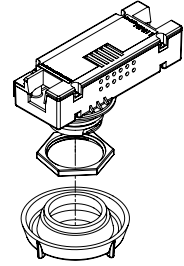




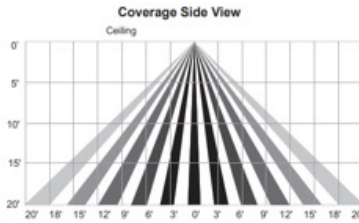
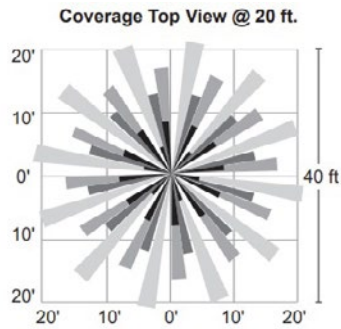
# PRODUCT SPECIFICATIONS

## CONTROLS

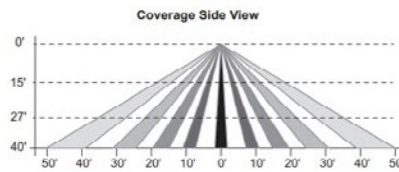
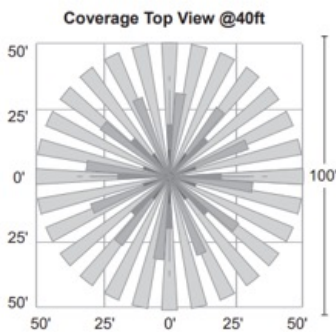
- DIMMING CONTROL (FSP)—Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
  - All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
  - FSP-20 mounting heights 9-20 feet
  - FSP-40 mounting heights 21-40 feet.
  - Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field.



## FSP-20

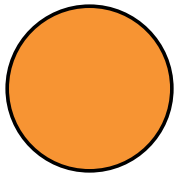


## FSP-40

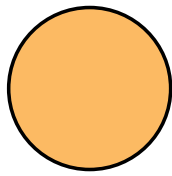


## PRODUCT SPECIFICATIONS

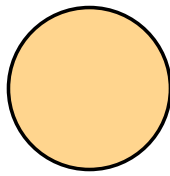
### LED KELVIN RANGE



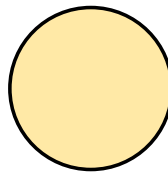
AMBER  
585-600 nm



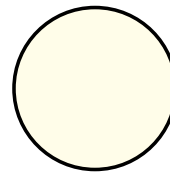
2700K 70 CRI



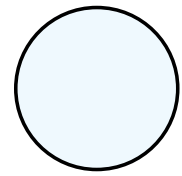
3000K 70 CRI



3500K 80 CRI



4000K 70 CRI



5000K 70 CRI

Color	Dominant or Peak Wavelength Range (nm)	
	Minimum	Maximum
Amber	585	600

### BLACK HARDWARE

Optional black, zinc coated steel hardware.



### BLACK OPTIC FRAME

Optional Black Optic Frame.  
Standard is white.







Job Name: PLATINUM HORIZON

Catalog #: CLI-NV-W-T4-32L-1-40K7-UNV-WM-XX-XX-XX

TYPE:

WA



LED WATTAGE CHART

	16L	32L
400 milliamps	21w	-
530 milliamps	29w	-
700 milliamps	37w	71w
1000 milliamps	-	100w
1050 milliamps	56w	

**KEY FEATURES**

- Ideal for Exterior Walls, Entryways, Pathways, New Construction and Renovation, Warehouse and Receiving Docks, Court Yards, and School Playgrounds
- Sleek Minimalistic Design of the the NV-W (up to 11,000 Lumens, 12"W x 9"D x 5.5"H) Compliments the Design of the NV-W2 (up to 24,000 Lumens, 18"W x 9.38"D x 5"H)
- Amber, 2700K, 3000K, 3500K, 4000K, 5000K CCT Multichip High Power 70 & 80 CRI LEDs
- IP65 Rated Against Dust & Water Ingress, IK10 Rated for Tamper/ Vandalism/Impact Protection
- 20kA Surge Protection (120V - 480V) Cold Weather Integrated Battery Back-Up Safety Options
- Silicone Optics providing 96% Clarity and Heat Resistant up to 150°C
- 9 Standard Finishes, Custom Finish and Marine Grade Finish Available

- Controls Agnostic, Compatible with Most Control Systems and Sensors
- Environmentally Friendly Product Which Reduces Energy Consumption, L70 > 100,000 hours
- IDA qualified for 3000K CCT and Lower for Down-light Application, Reducing Light Pollution and Trespass
- Buy America(n) Option Available, Quick Mount for Easy Installation
- Cost Competitive and Short Shipping Lead Times in Days & Weeks

**BUY AMERICAN**

To ensure the latest BAA/TAA/BABA Standards are being met, please select BAA, TAA, or BABA in the options section. Please contact the factory before placing an order for any NLS products requesting BAA (Buy American Act), TAA (Trade American Act), or BABA (Build America, Buy America).



Project Name:

Type:

## NV-W ORDERING GUIDE

Cat#	Light Dist.	# of LEDs	Miliamps	Kelvin	Volts
NV-W (NV-W)	Type 2 (T2)	16 (16L)	400 (40)	Amber 585-600nM (AMBER) <sup>11,13,14</sup>	120-277 (UNV)
	Type 3 (T3)	32 (32L)	530 (53)	2700K, 70 CRI (27K7) <sup>7</sup>	347-480 (HV)
	Type 4 (T4)		700 (7)	2700K, 80 CRI (27K8) <sup>1,7</sup>	
			1000 (1A) <sup>5</sup>	3000K, 70 CRI (30K7) <sup>7</sup>	
			1050 (1) <sup>6</sup>	3000K, 80 CRI (30K8) <sup>1,7</sup>	
				3500K, 80 CRI (35K8)	
				4000K, 70 CRI (40K7)	
				4000K, 80 CRI (40K8) <sup>1</sup>	
				5000K, 70 CRI (50K7)	
				5000K, 80 CRI (50K8) <sup>1</sup>	
Mounting	Color	Controls Options	Options	Lens Options	
Wall Mount (WM)	Bronze Textured (BRZ)	Nema 7-Pin Receptacle (PE7) <sup>2</sup>	Marine Grade Finish (MGF)	Glass Lens (GL) <sup>8,15</sup>	
	White Textured (WHT)	Button Photocell (PC) <sup>3</sup>	Vanity Plate 22"x16" (VP)	HAL Lens (HAL) <sup>9,15</sup>	
	Smooth White Gloss (SWT)	FSP-211 with Motion Sensor (UNV Voltage) *8' and Below (FSP-8) <sup>3</sup>	Housing Extension (HE)		
	Silver Metallic (SVR)	*9'-20" Heights (FSP-20) <sup>3</sup>	Surge Protector (20KA)		
	Black Textured (BLK)		Emergency Battery 4W (EM4) <sup>2,3,4</sup>		
	Smooth Black Gloss (SBK)		Emergency Battery 8W (EM8) <sup>2,3,4</sup>		
	Graphite Textured (GPH)		Emergency Cold Pk Battery 14W (EMCP) <sup>2,3,4</sup>		
	Grey Textured (GRY)		Black Hardware (BH)		
	Green Textured (GRN)		Black Optic Frame (BOF)		
	Hunter Green Textured (HGN)		Buy American Act (BAA) <sup>12</sup>		
Custom (CS)		Trade Agreement Act (TAA) <sup>12</sup>			
			Build America Buy American (BABA) <sup>12</sup>		
			Custom Controls Integration (CCI) <sup>10</sup>		

## NOTES:

- Consult Factory for Lead Time. Consult Factory for 90 CRI Requests
- Requires Housing Extension
- Universal Voltage 120-27
- All Emergency Battery Options Certified CA Title 20
- (1A) 32L only
- (1) 16L only
- 3000K or lower must be selected to meet International Dark Sky Association certification
- Glass Lens: Low iron glass, fully tempered per ANSI C1047
- HAL Lens: Yellow Polycarbonate Lens – less than 2% Blue Light Content
- Please contact Factory for Custom Control Integration requests (nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, Dali II, Avi-On, or other control systems)
- Turtle Safe
- Consult factory for all BAA/TAA/BABA requests
- Consult Factory for Lead Time
- Not Available above 1000mA
- Contact Factory



701 Kingshill Place, Carson, CA 90746  
Call Us Today (310) 341-2037

nlsighting.com



## PRODUCT SPECIFICATIONS

### ELECTRICAL

- 120-277 Volts (UNV) or 347-480 Volts (HV)
- 0-10V dimming driver
- Driver power factor at maximum load is  $\geq .95$ , THD maximum load is 15%
- LED Drivers Ambient Temp. Min is  $-40^{\circ}\text{C}$  and Ambient Temp. Max ranges from  $50^{\circ}\text{C}$  to  $55^{\circ}\text{C}$  and, in some cases, even higher. Consult the factory for revalidation by providing the fixture catalog string before quoting and specifying it.
- All internal wiring UL certified for 600 VAC and  $105^{\circ}\text{C}$
- All drivers, controls, and sensors housed in enclosed IP66 compartment
- CRI 70, 80, 90
- Color temperatures: 2700K, 3000K, 3500K, 4000K, 5000K

### CONSTRUCTION

- Die Cast Aluminum
- Internal cooling fins
- Corrosion resistant external hardware
- One-piece silicone gasket ensures IP65 seal for electronics compartment
- Two-piece silicone Micro Optic system ensures IP67 level seal around each PCB
- Silicone Micro Optics: Recessed, full cutoff, vandal resistant and non-yellowing
- Dark Sky Approved

### OPTIONS

**MARINE GRADE FINISH (MGF)** - A multi-step process creating protective finishing coat against harsh environments. Chemically washed in a 5 stage cleaning system. Prebaked, Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer. Oven Baked. Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.

**VANITY PLATE (VP)** - Optional Vanity Plate was designed to cover the unsightly remains on a wall where a larger HID wallpack was removed. The aluminum Vanity Plate will be painted to match the finish of the NV-W2, custom finishes are available, please consult factory. The standard Vanity Plate is 22"W x 16"H.

**20KA SURGE PROTECTOR (20KA)** - protects the complete system against nominal surges of up to 20KA. Protection against power surges, storms and lightning strikes.

**EMERGENCY BATTERY BACKUP**

**EMERGENCY COLD PACK BATTERY (EMPC)** - Emergency cold pack ( $-20^{\circ}\text{C}$  minimum) battery system available in 14W output.

**BLACK HARDWARE (BH)** - Black stainless steel hardware.

**BLACK OPTIC FRAME (BOF)** - Black optic frame. Standard is white.

**GLASS LENS (GL)** - Low Iron Glass, fully tempered.

**HIGH PERFORMANCE AMBER LENS (HAL)** -

### CONTROL OPTIONS

- FSP-211 (FSP-X)—Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
- All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
- FSP-8 Mounting heights 8 feet and below
- FSP-20 mounting heights 9-20 feet
- Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field. Programmable remote must be purchased separately.
- FSIR-100 commissioning remote is required to change sensor settings. Please contact factory for ordering.
- Controls Agnostic: Please contact factory for your preferred controls option.

**NEMA 7-PIN RECEPTACLE (PE7)**—An ANSI C136.41-2013 receptacle provides electrical and mechanical interconnection between photo control cell and luminaire. Dimming receptacle available two or four dimming contacts supports 0-10 VDC dimming methods or Digital Addressable Lighting Interface (DALI), providing reliable power interconnect.

**BUTTON PHOTOCCELL**—Dusk to dawn optional Button Photocell.

### FINISH

3-5 mils electrostatic powder coat. NLS Lighting's standard high-quality finishes prevent corrosion, and protects against extreme environmental conditions.

### WARRANTY

Five-year limited warranty for drivers and LEDs.

### OPTICS

Silicone optics high thermal stability and light output provide higher powered LEDs with minimized lumen depreciation. UV stability with scratch resistance increases exterior application durability. Silicone optics do not yellow, crack or brittle over time.

### LISTINGS

- Certified to UL 1598
- UL 8750
- CSA C22.2 No. 250.0
- DesignLights Consortium® (DLC)
- DesignLights Consortium Premium® (DLCP)
- IP65 Rated Fixture / IP67 Rated Optics
- IK10 Rated
- IDA Dark Sky Approved

### BUY AMERICAN OPTION

While all of the NLS Lighting products listed in this document qualify for the Buy America(n) Act of 1933, we reserve the right to change our listings without notice.

The information provided above is for general informational purposes only. We encourage you to consult legal professionals for advice particular to your projects concerning BAA, TAA, BABA or Buy America.

Additional NLS Products that meet BAA, TAA standards can be found at the following link:

<https://nslighting.com/buy-american/>



The information and specifications on this document are subject to change without any notification. All values are design, nominal, typical or prorated values when measured under internal and external laboratory conditions.



701 Kingshill Place, Carson, CA 90746  
Call Us Today (310) 341-2037

[nslighting.com](https://nslighting.com)

# PRODUCT SPECIFICATIONS

LUMENS							
PART NUMBER	T2	LM/W	T3	LM/W	T4	LM/W	WATTS
NV-W-16L-40-27K7	2561	122	2591	123	2561	122	21
NV-W-16L-40-27K8	2398	114	2426	116	2398	114	21
NV-W-16L-40-30K8	2571	122	2601	124	2571	122	21
NV-W-16L-40-30K7	2769	132	2801	133	2769	132	21
NV-W-16L-40-35K8	2571	122	2601	124	2571	122	21
NV-W-16L-40-40K8	2769	132	2801	133	2769	132	21
NV-W-16L-40-40K7	2992	142	3027	144	2992	142	21
NV-W-16L-40-50K8	2769	132	2801	133	2769	132	21
NV-W-16L-40-50K7	2992	142	3027	144	2992	142	21
NV-W-16L-53-30K7	3544	122	3579	123	3544	122	29
NV-W-16L-53-40K7	3756	130	3794	131	3756	130	29
NV-W-16L-53-50K7	3756	130	3794	131	3756	130	29
NV-W-16L-7-30K7	4388	119	4432	120	4388	119	37
NV-W-16L-7-40K7	4651	126	4698	127	4651	126	37
NV-W-16L-7-50K7	4651	126	4698	127	4651	126	37
NV-W-16L-1-30K7	5970	107	6029	108	5970	107	56
NV-W-16L-1-40K7	6328	113	6391	114	6328	113	56
NV-W-16L-1-50K7	6328	113	6391	114	6328	113	56
NV-W-32L-53-30K7	X	X	X	X	6,821	126	54
NV-W-32L-7-30K7	9010	127	9100	128	9010	127	71
NV-W-32L-7-40K7	9550	135	9646	136	9550	135	71
NV-W-32L-7-50K7	9550	135	9646	136	9550	135	71
NV-W-32L-1A-30K7	10871	109	10983	110	10871	109	100
NV-W-32L-1A-40K7	11426	114	11544	115	11426	114	100
NV-W-32L-1A-50K7	11426	114	11544	115	11426	114	100

3000K or lower, with fixed mounting options only, must be selected to meet International Dark-Sky Association certification.

EMERGENCY BATTERY BACK-UP LUMENS							
PART NUMBER	T2	LM/W	T3	LM/W	T4	LM/W	WATTS
EM4-30K7	520	130	524	131	516	129	4
EM4-40K7	544	136	548	137	540	135	4
EM4-50K7	560	140	564	141	556	139	4
EM8-30K7	1040	130	1048	131	1032	129	8
EM8-40K7	1088	136	1096	137	1080	135	8
EM8-50K7	1120	140	1128	141	1112	139	8
EM14-30K7	2080	130	2096	131	2064	129	16
EM14-40K7	2176	136	2192	137	2160	135	16
EM14-50K7	2240	140	2256	141	2224	139	16
EMCP-30K7	1820	130	1834	131	1806	129	14
EMCP-40K7	1904	136	1918	137	1890	135	14
EMCP-50K7	1960	140	1974	141	1946	139	14



701 Kingshill Place, Carson, CA 90746  
Call Us Today (310) 341-2037

[nlsighting.com](http://nlsighting.com)



# PRODUCT SPECIFICATIONS

## BUG RATINGS BUG RATINGS

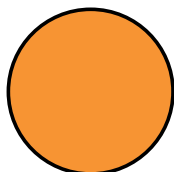
PART NUMBER	T2	T3	T4	WATTS
NV-W-16L-35-30K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	21
NV-W-16L-35-40K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	21
NV-W-16L-35-50K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	21
NV-W-16L-53-30K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	29
NV-W-16L-53-40K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	29
NV-W-16L-53-50K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	29
NV-W-16L-7-30K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	37
NV-W-16L-7-40K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	37
NV-W-16L-7-50K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	37
NV-W-16L-1-30K7	B1-U0-G1	B1-U0-G2	B1-U0-G2	56
NV-W-16L-1-40K7	B1-U0-G1	B1-U0-G2	B1-U0-G2	56
NV-W-16L-1-50K7	B1-U0-G1	B1-U0-G2	B1-U0-G2	56
NV-W-32L-7-30K7	B1-U0-G2	B2-U0-G2	B2-U0-G2	71
NV-W-32L-7-40K7	B1-U0-G2	B2-U0-G2	B2-U0-G2	71
NV-W-32L-7-50K7	B1-U0-G2	B2-U0-G2	B2-U0-G2	71
NV-W-32L-1A-30K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	100
NV-W-32L-1A-40K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	100
NV-W-32L-1A-50K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	100

### Lumen Maintenance Data

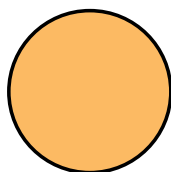
Ambient Temperature	Drive Current	L90 Hours*	L70 Hours**	30,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours**
25°C	Up to 700mA	58,000	173,000	95.7%	91.6%	89.6%	82.1%
	1050mA	48,000	143,000	94.3%	89.5%	87.2%	78.5%

\*Reported extrapolations per IESNA TM-21      \*\*Projected extrapolations per IESNA TM-21

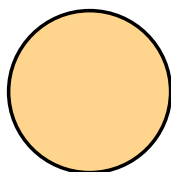
## LED KELVIN RANGE



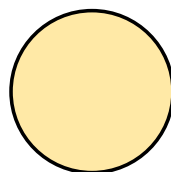
**AMBER**  
585-600 nm



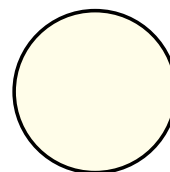
2700K 70 CRI



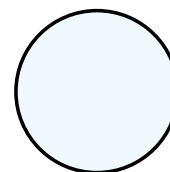
3000K 70 CRI



3500K 80 CRI



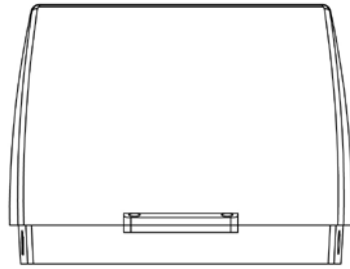
4000K 70 CRI



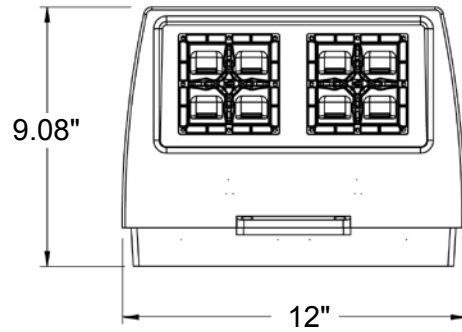
5000K 70 CRI

Color	Dominant or Peak Wavelength Range (nm)	
	Minimum	Maximum
Amber	585	600

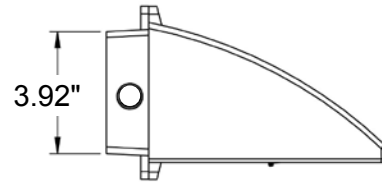
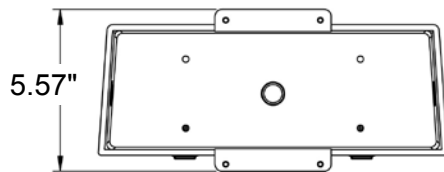
**PRODUCT SPECIFICATIONS**



TOP VIEW

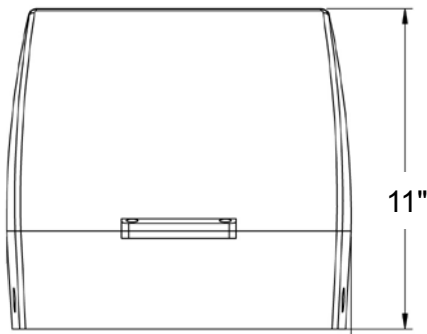


BOTTOM VIEW

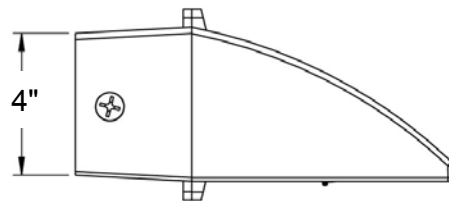


**Weight: 9.1 lbs**

**EMERGENCY BATTERY AND 7-PIN EXTENSION  
BOX DIMENSIONS**



TOP VIEW

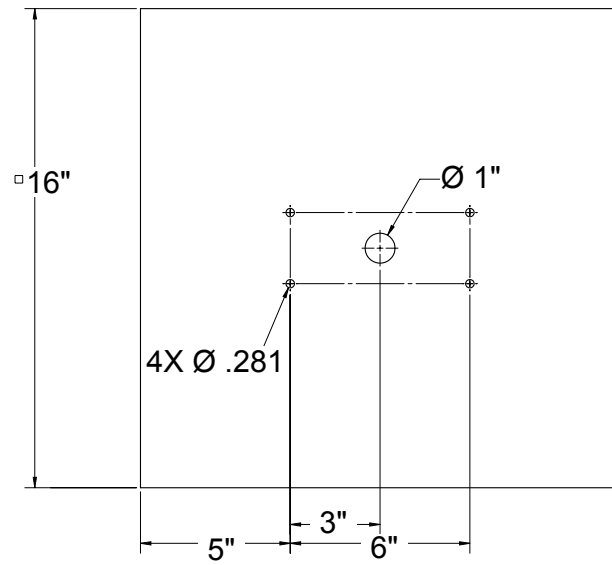


**Weight: 13.3 lbs**

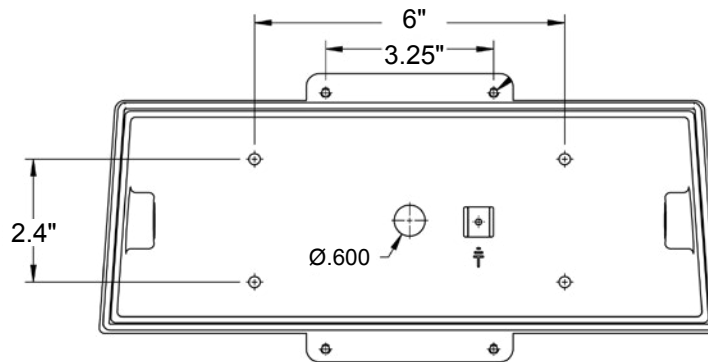


# PRODUCT SPECIFICATIONS

## VANITY PLATE (VP)



## MOUNTING HOLE

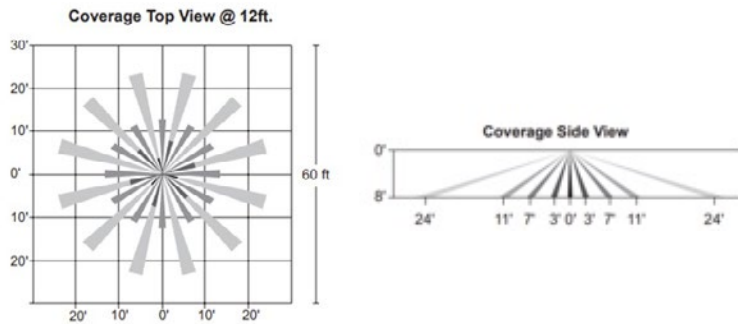


\* 3 Conduit access points on either side or center back.

MOTION SENSOR PLACEMENT



FSP-8



FSP-20

