

Zoning Board of Review Application	Applicant	Primary Location
ZBR-26-29	 George Watson	640 Allens Ave
Submitted On: Jul 16, 2026	 [REDACTED]	Providence, RI 02905
	 [REDACTED]	

Pre-Application Review

Owners and Applicants Information

Who is Submitting this Application?	Name and Professional Title of Person Submitting the Application
Attorney	George Watson III, outside counsel
Owners Name	Owner Mailing Address
The Narragansett Electric Company	[REDACTED]
Owner Email	Owner Phone
[REDACTED]	[REDACTED]
Name of Applicant, if different than owner	Applicant Mailing Address, if different than owner
--	--
Applicant Email, if different than owner	Applicant Phone, if different than owner
--	--
Attorney Name	Attorney Mailing Address
George Watson III	[REDACTED]
Attorney Email	Attorney Phone
[REDACTED]	[REDACTED]
Owner Attestation and Signature Page	
517907	For fillable pdf of the Owner Attestation and Signature Page please visit the Applications and Forms section of our website: https://www.providenceri.gov/inspection/boards-of-review/

Type of Application

Application Type

Dimensional Variance

List all Zoning Ordinance Sections from which a variance is sought. Include Section Number, Section Title, and Quantity of relief, if applicable (eg. 4' setback where 6' required)

Article 1301.D.1, Article 1302.I.3.a

Summarize any changes proposed for the Property (use, construction/renovation, site alteration):

The entirety of the Site is currently owned by TNEC. The proposed Elevated Storage Pad Project occupies approximately 2.3 acres in the southwestern portion of Lot 1 (the Project Area). Except for the western portion immediately along Allens Avenue, TNEC currently utilizes most of the Project Area as a material storage area to support statewide utility operations. The project is the construction of an elevated SPCC pad for equipment storage, the new pad will be surrounded by an 8-foot fence with barbed wire and will have 35 foot tall light poles around the perimeter for safety purposes.

Subject Property Information

Address of Subject Property	Plat
640 Allens Ave (aka 642 Allens Ave)	101
Lot(s)	Existing Zoning Use of the Property
1	Utility
Proposed Zoning Use of the Property	Base Zoning District
Utility	W-3 Port/Maritime Industrial Waterfront District
Base Zoning District 2 (if applicable)	Overlay Zoning District (if applicable)
--	--
Overlay Zoning District 2 (if applicable)	Overlay Zoning District 3 (if applicable)
--	--
Date Owner Purchased the Property	Start Date of Lessee's Occupancy
08/25/2006	--
Are there outstanding violations concerning the Property under the City of Providence Zoning Ordinance?	Are there outstanding violations concerning the Property under the RI State Building or Property Maintenance Code(s)?
No	No

Buildings & Structures

Existing or Proposed Structure	Type of Building or Structure
Existing	Principal Structure
Principal Structure Type (if applicable)	Please describe the accessory structure (if applicable)
Commercial	office
Area of Footprint	Overall Height Above Average Grade
8222	40
Number of Stories	Existing Number of Dwelling Units
2	0
Proposed Number of Dwelling Units	Front Setback
0	75
Interior Side Setback	Corner Side Setback
95	--
Rear Setback	
599	

Lot Dimensions, Coverage Percentage, and Parking Information

Plat/Lot Number	Existing Lot Width
101/1	600
Proposed Lot Width	Existing Lot Area
--	587416
Proposed Lot Area	Existing Building Coverage
--	8222
Proposed Building Coverage	Existing Total Impervious Coverage
--	197500
Proposed Total Impervious Coverage	Existing Rear Yard Impervious Coverage
223800	--
Proposed Rear Yard Impervious Coverage	Existing Front Yard Impervious Coverage
--	--
Proposed Front Yard Impervious Coverage	Number of Existing Parking Spaces
--	--
Number of Proposed Parking Spaces	
--	

Appendix A: Application for Variance(s)

1. What is the specific hardship from which the applicant seeks relief?

We are asking for relief from the restriction on barbed wire for all districts. We are also asking for dimensional variance for the light poles to provide adequate lighting for safety from the perimeter of the elevated pad.

2. Specify all unique characteristics of the land or structure that cause the hardship:

Barbed wire fencing is required for security purposes. Light poles cannot be installed in the center of the elevated pad for safety of the equipment operating within the pad

3 (a) Is the hardship caused by an economic disability?

No

3 (b) Is the hardship caused by a physical disability?

No

3 (c) If the response to subsection (b) is "yes," is the physical disability covered by the Americans with Disabilities Act of 1990 (ADA), 42 U.S.C. § 12101 et seq.?

No

4. Did the owner/applicant take any prior action with respect to the Property that resulted in the need for the variance requested? (Examples include, but are not limited to, any changes the owner/applicant made to the structure(s), lot lines, or land, or changes in use of the Property)?

No

5. If you are seeking a USE VARIANCE, set forth all facts that demonstrate that the Property cannot have any beneficial use if you are required to use it in a manner allowed in the zoning district:

not applicable

6. If you are seeking a DIMENSIONAL VARIANCE, set forth all facts that indicate that if the variance is not granted, the hardship the owner/applicant will suffer is more than a mere inconvenience:

A total of 8 light poles will be installed around the elevated pad at a height of 35 feet. The light poles will be equipped with external glare shields. These poles must be mounted around the perimeter of the elevated storage pad for the safety of equipment operating

on the pad. Employees must access the storage pad 24-hours a day, so this area must be well lit for safety and security reasons. If the variance for the fencing is not granted, the Site and equipment would be less secure.

CITY OF PROVIDENCE ZONING BOARD OF REVIEW

DEPARTMENT OF INSPECTION + STANDARDS

444 Westminster Street, 1st Floor, Providence, Rhode Island 02903

ATTESTATION/OWNER AUTHORIZATION FOR APPLICATION FOR VARIANCE AND/OR SPECIAL USE PERMIT

ATTESTATION

*The undersigned acknowledge(s) that the statements in the application herein and in any attachments or appendices are true and accurate, and that providing a false statement in this application may be subject to criminal and/or civil penalties as provided by law, including prosecution under the State and Municipal False Claims Acts. **Owner(s)/Applicant(s) are jointly responsible with their attorney(s), if any, for any false statements. As indicated in the application instructions, neither the application nor this attestation may be signed by an attorney on behalf of their client(s).***

The undersigned further acknowledge(s) and agree(s) that members of the Zoning Board of Review and its staff may enter upon the exterior of the Property in order to view the Property prior to any hearing on the application.

Address, Plat, and Lot of Subject Property: 642 Allens Avenue, Plat 101 Lot 1

Owner(s)

Name:

The Narragansett Electric Company

Signature:

Date:

7/14/2026

Applicant(s)

Name:

The Narragansett Electric Company

Signature:

Date:

7/14/2026

OWNER AUTHORIZATION

To be completed if the online application is being filled out and submitted by someone other than the Owner of the subject property.

This is to certify that I Andrew J Pereira, Duly Authorized signor for the Owner,
authorize Robinson & Cole LLP to submit this Zoning Board
of Review Application on my behalf for the property located at 642 Allens Avenue.

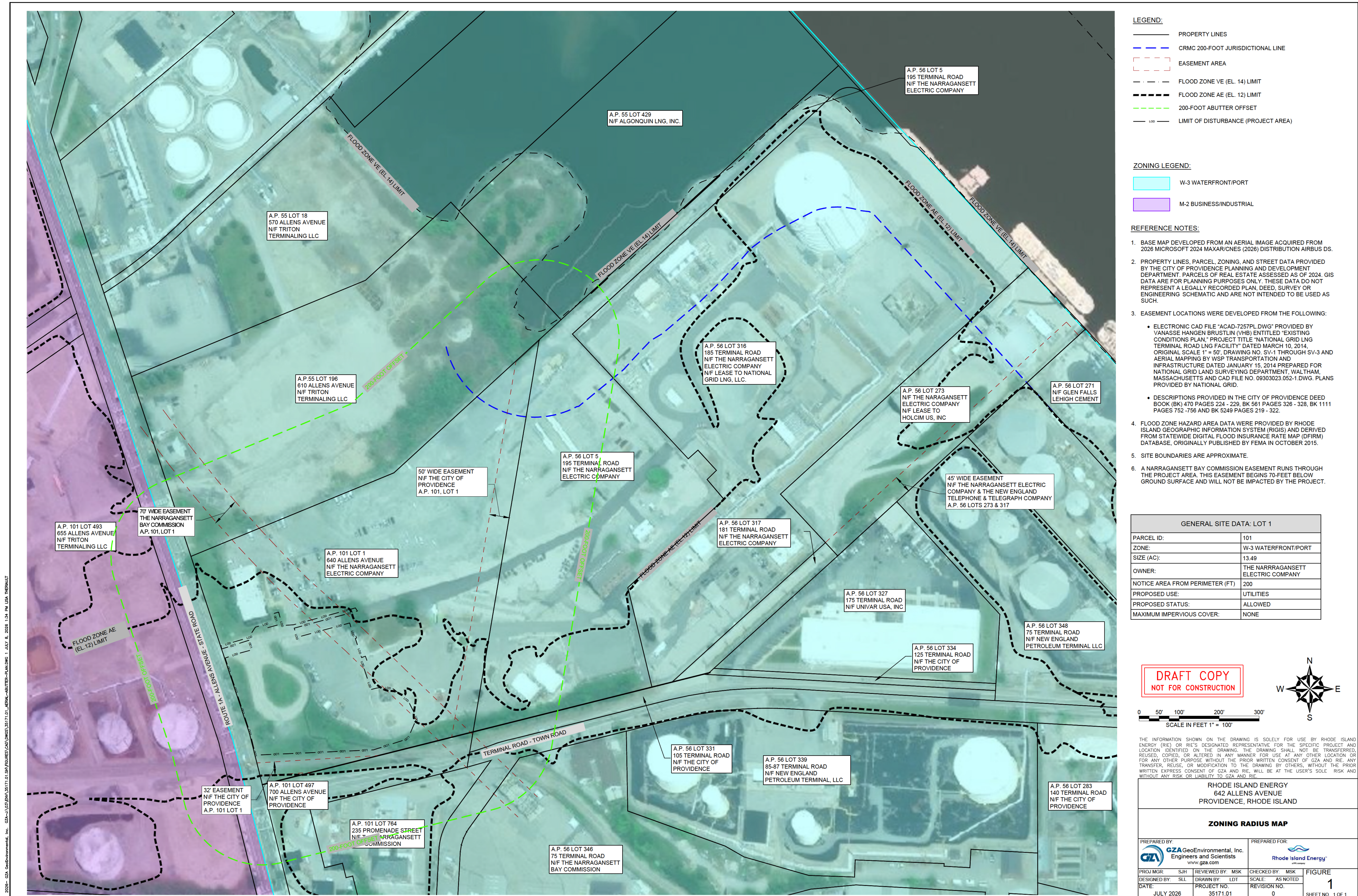
By signing this letter, I understand that I, or my attorney, must be present at the Zoning Board Meeting at which my application is scheduled to be heard.

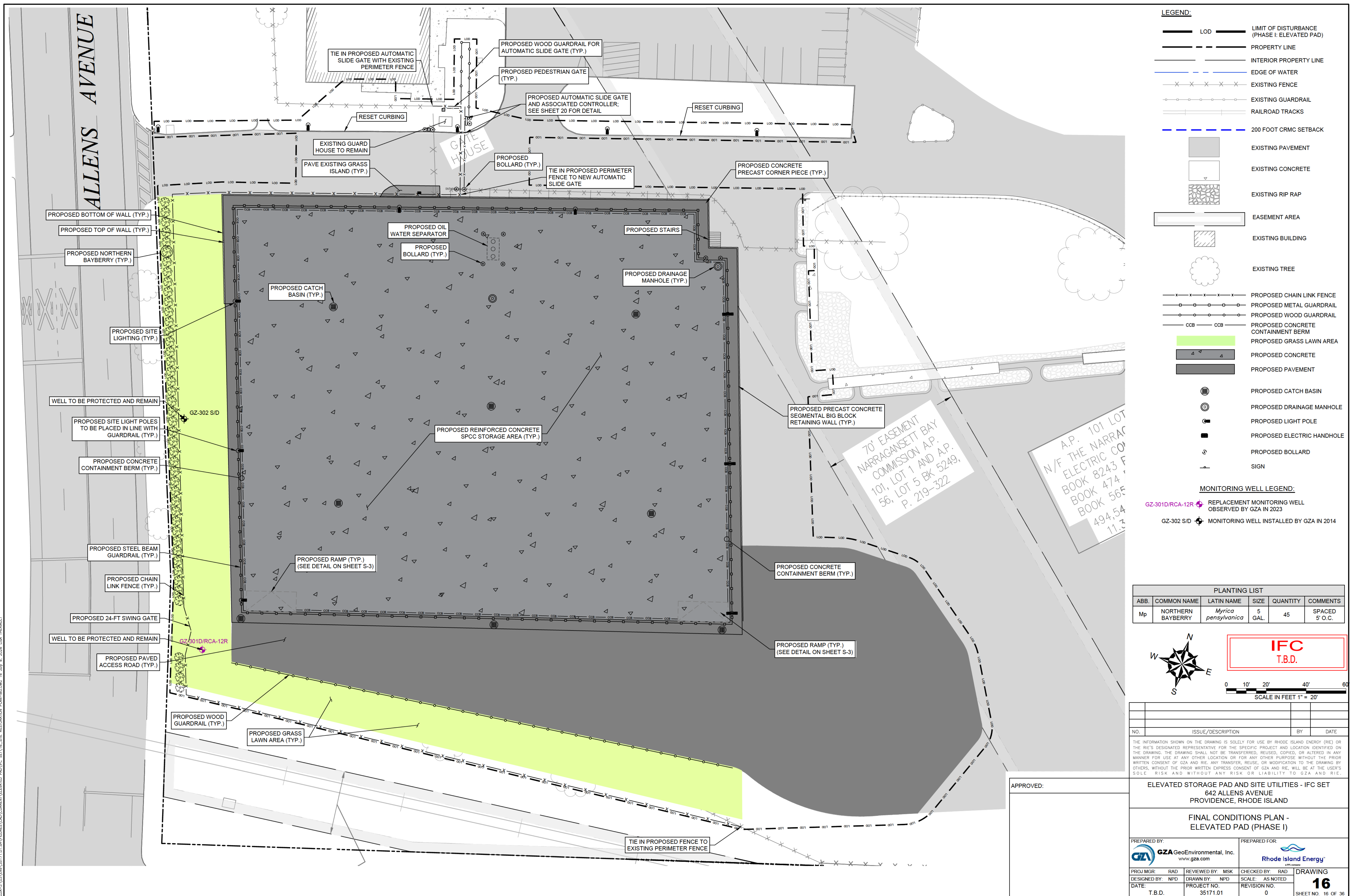
Property Owner Name:

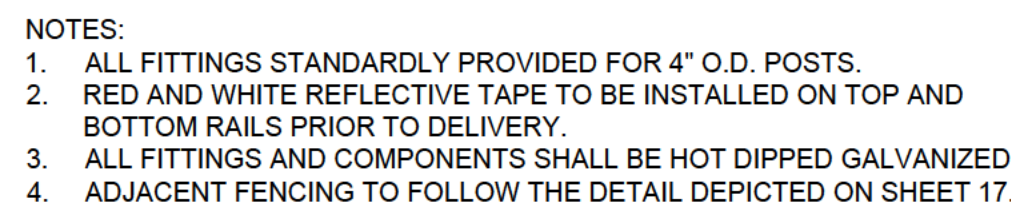
The Narragansett Electric Company

Property Owner Signature:

Date: 7/14/2026







CARD ACTIVATED CANTILEVER SLIDE GATES DETAIL

NOT TO SCALE



TRACK

W4 TRUCK (TYP.)

FABRIC

7

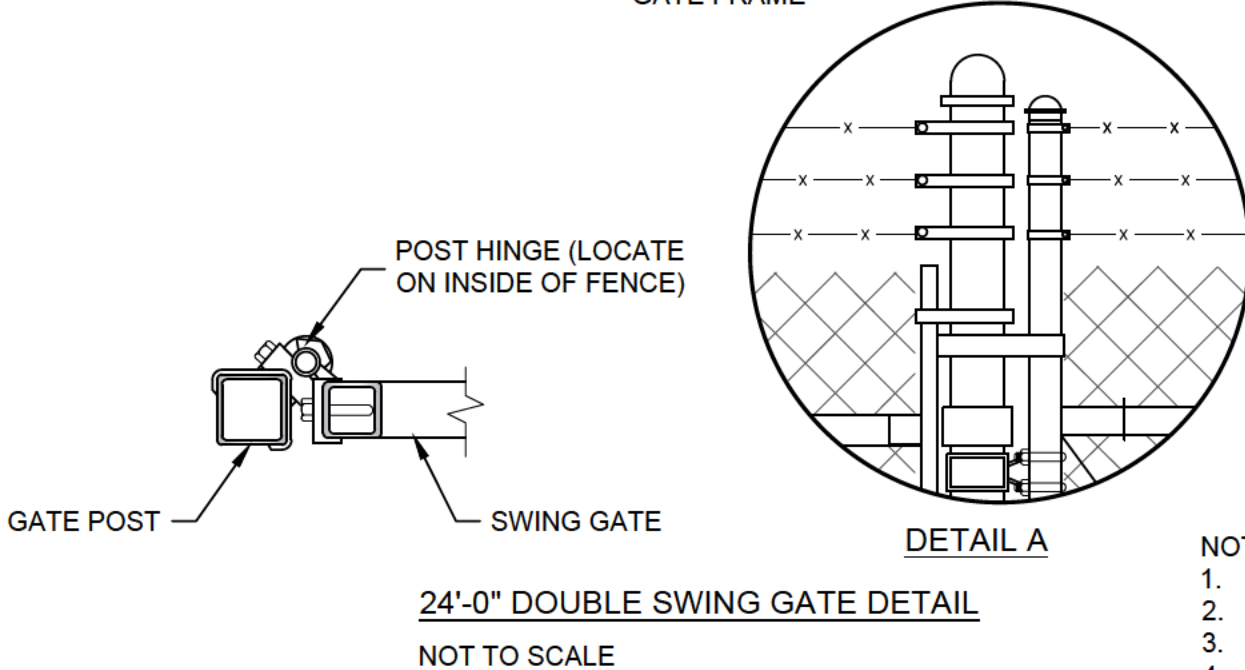
ASTM F 2200 COMPLIANT GAP PROTECTORS (STANDARD)

8

5"

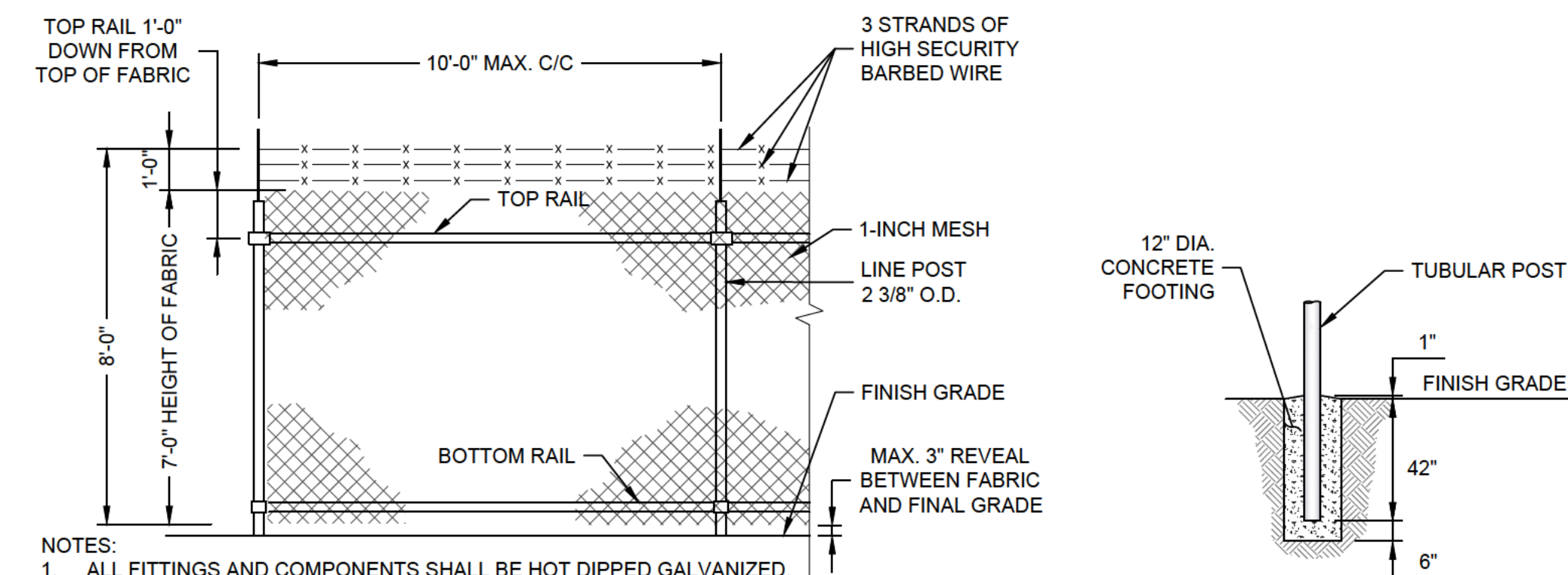
4'-0" MINIMUM

ENLARGED SECTION

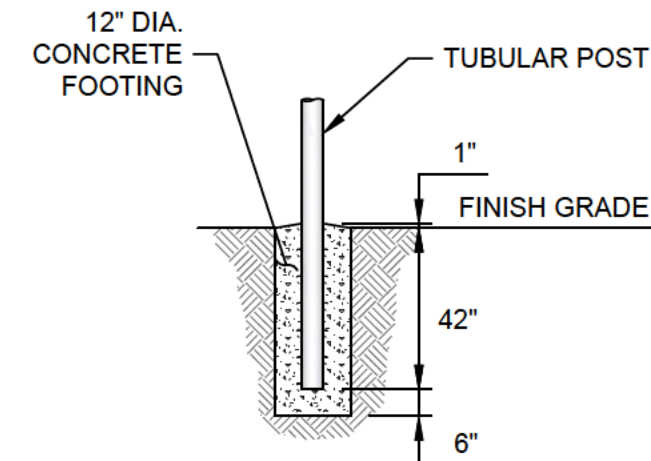


NOTE:

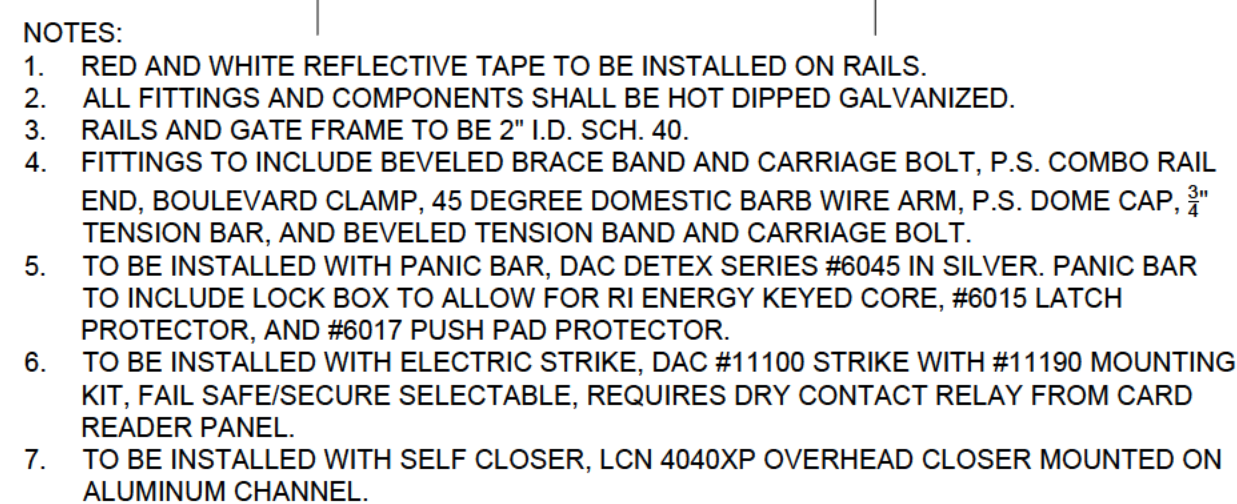
1. RED AND WHITE REFLECTIVE TAPE TO BE INSTALLED ON RAILS.
2. ALL FITTINGS AND COMPONENTS SHALL BE HOT DIPPED GALVANIZED.
3. RAILS AND FRAME TO BE 2 3/8" O.D.
4. OWNER TO SUPPLY MECHANICAL LOCK FOR LATCH



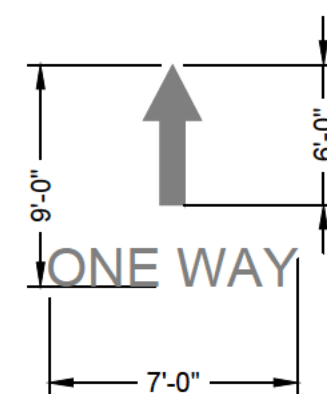
TYPICAL CHAIN LINK FENCE SECTION
NOT TO SCALE



LINE POST FOUNDATION DETAIL
NOT TO SCALE



4'-0" SINGLE PUSH GATE DETAIL
NOT TO SCALE



PROPOSED STRIPING DETAIL
NOT TO SCALE

NOTE:

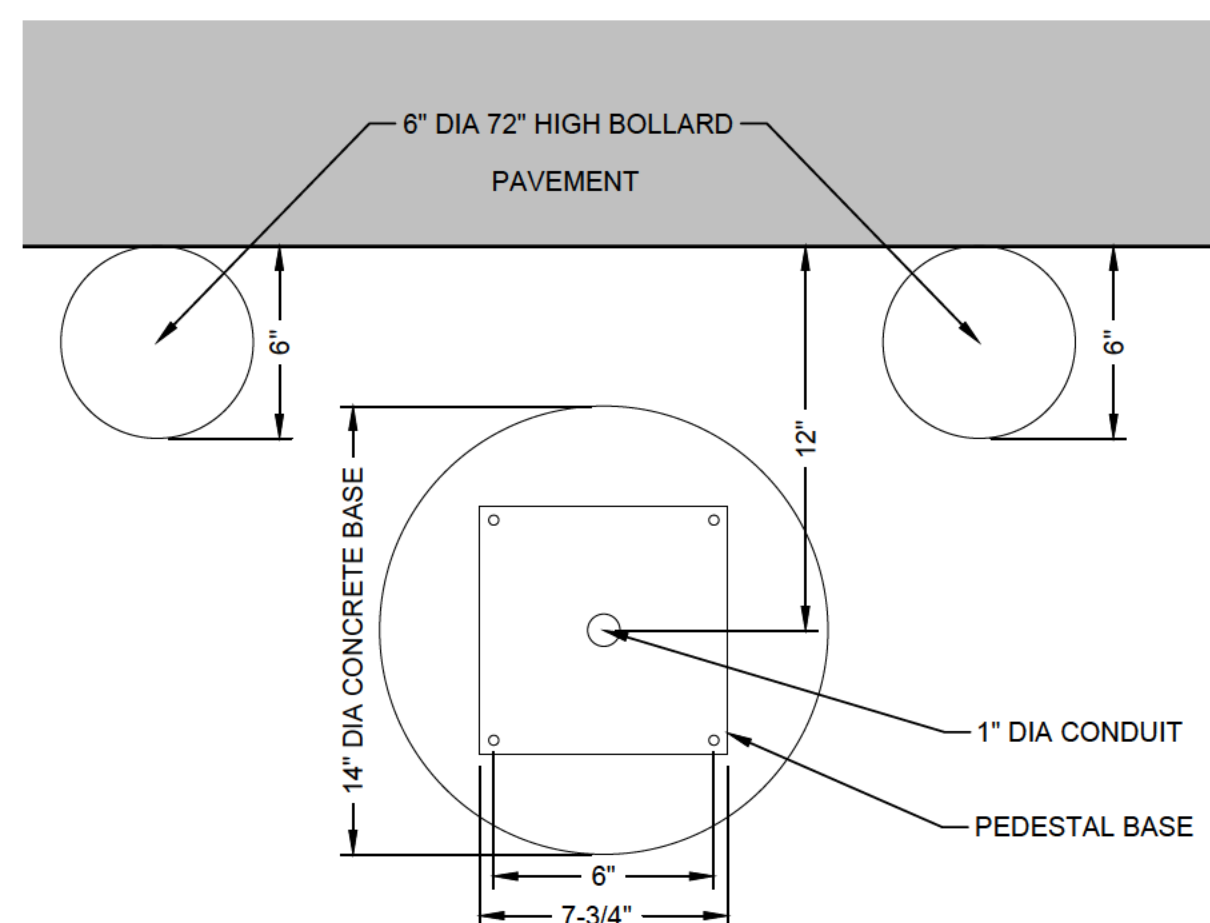
1. STRIPING TO BE OF EPOXY RESIN PAVEMENT MARKING MATERIALS IN ACCORDANCE WITH RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION M.17.04

SIGN NUMBER		* R5-1		
LEGEND		 — RED — RED — WHITE		
COLOR	BACKGROUND	RED		
	COPY	WHITE		
SIGN DIMENSION	WIDTH	30"	36"	48"
	HEIGHT	30"	36"	48"

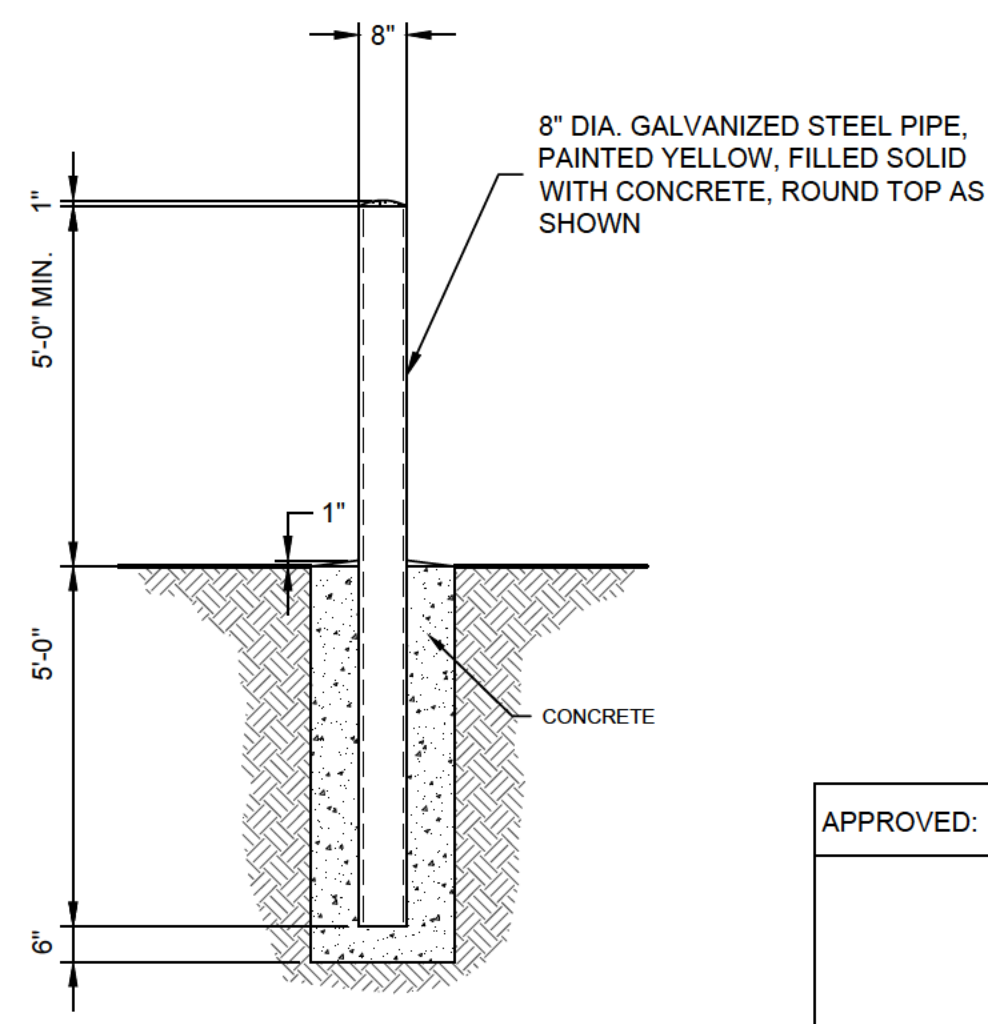
NOTES:

1. SHALL BE IN ACCORDANCE WITH SECTION T.15 OF THE R.I. STANDARD SPECIFICATIONS.
2. * DENOTES TYPE VI GRADE SHEETING.
3. REGULATORY SIGNS SHALL BE MOUNTED IN ACCORDANCE WITH STD. 24.6.0.
4. THICKNESS OF ALUMINUM SIGN PLATES: 0.081 IN.

CONSTRUCTION DIRECTIONAL SIGNS
NOT TO SCALE



CARD READER PEDESTAL BASE DETAIL
NOT TO SCALE



TYPICAL BOLLARD DETAIL
NOT TO SCALE

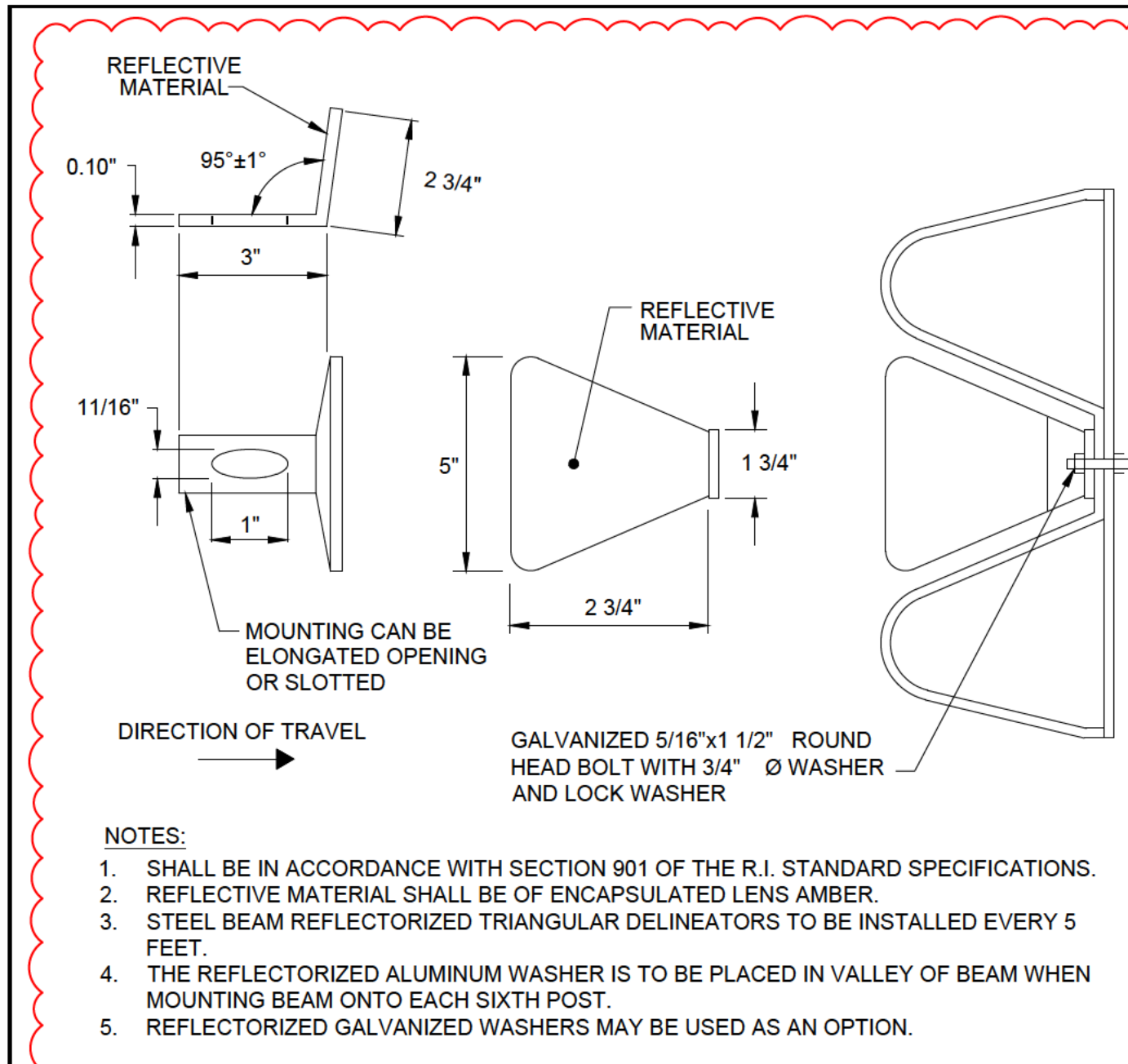
NOTES:

1. ALL CONCRETE TO BE 2500 psi MINIMUM.



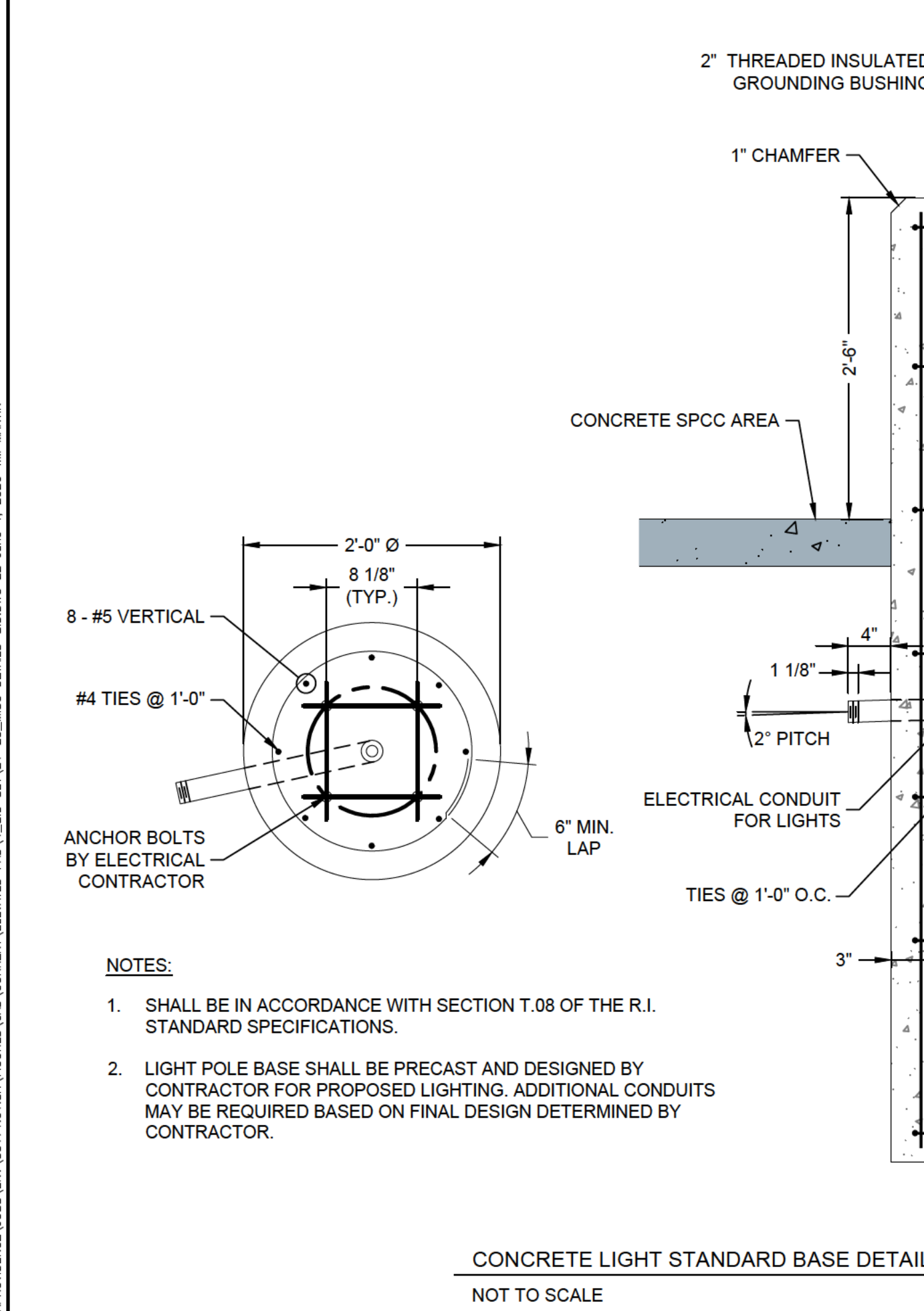
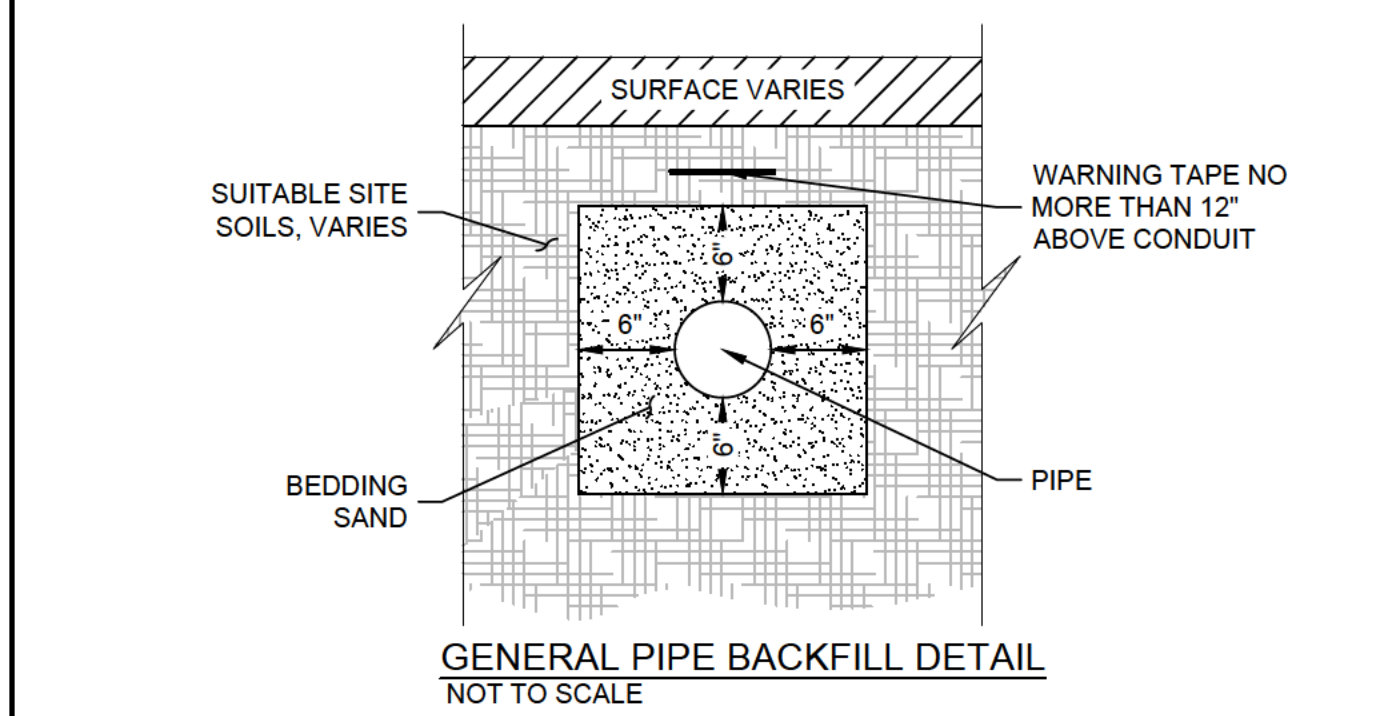
1	ADDENDUM ONE	SJH	06-05-2026
NO.	ISSUE/DESCRIPTION	BY	DATE
THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY RHODE ISLAND ENERGY (RIE) OR THE RIE'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA AND RIE. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA AND RIE, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA AND RIE. ELEVATED STORAGE PAD AND SITE UTILITIES - BID SET 642 ALLENS AVENUE PROVIDENCE, RHODE ISLAND GENERAL SITE DETAILS (3 OF 3) - ELEVATED PAD (PHASE I)			
PREPARED BY:  GZA GeoEnvironmental, Inc. www.gza.com		PREPARED FOR:  Rhode Island Energy RIE, Inc.	
PROJ. MGR: NPD DESIGNED BY: RPD DATE: MAY 15, 2026	REVIEWED BY: MSK DRAWN BY: NPD PROJECT NO: 35171.01	CHECKED BY: NAD SCALE: AS NOTED REVISION NO: 1	DRAWING 23 SHEET NO. 23 OF 36

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GZA - 1000 PROVIDENCE AVENUE, SUITE 100, PROVIDENCE, RI 02902
GZA - 1000 PROVIDENCE AVENUE, SUITE 100, PROVIDENCE, RI 02902



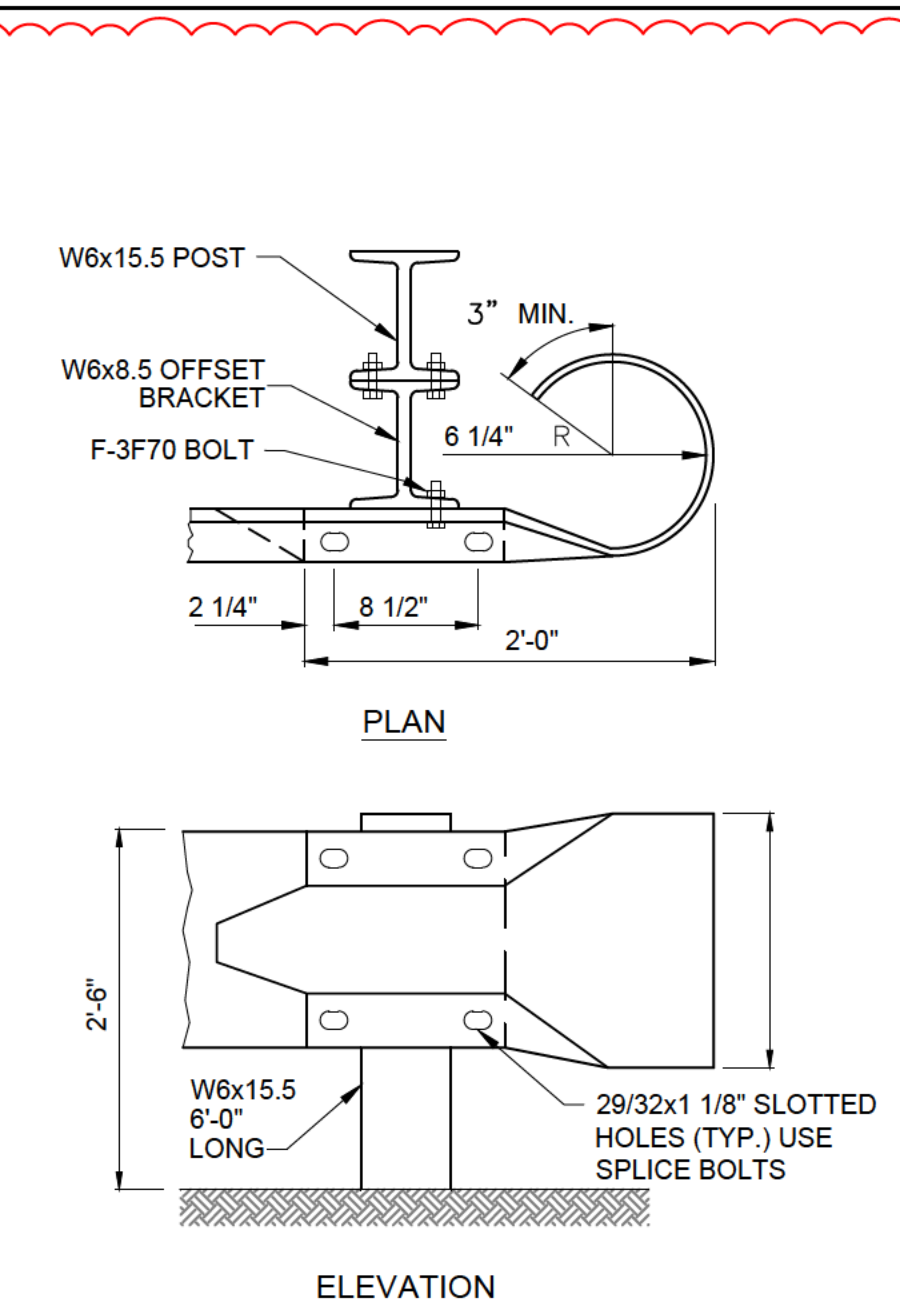
- NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 901 OF THE R.I. STANDARD SPECIFICATIONS.
 2. REFLECTIVE MATERIAL SHALL BE OF ENCAPSULATED LENS AMBER.
 3. STEEL BEAM REFLECTORIZED TRIANGULAR DELINEATORS TO BE INSTALLED EVERY 5 FEET.
 4. THE REFLECTORIZED ALUMINUM WASHER IS TO BE PLACED IN VALLEY OF BEAM WHEN MOUNTING BEAM ONTO EACH SIXTH POST.
 5. REFLECTORIZED GALVANIZED WASHERS MAY BE USED AS AN OPTION.

STEEL BEAM GUARDRAIL REFLECTORIZED TRIANGULAR DELINEATOR DETAIL
NOT TO SCALE



- NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION T.08 OF THE R.I. STANDARD SPECIFICATIONS.
 2. LIGHT POLE BASE SHALL BE PRECAST AND DESIGNED BY CONTRACTOR FOR PROPOSED LIGHTING. ADDITIONAL CONDUITS MAY BE REQUIRED BASED ON FINAL DESIGN DETERMINED BY CONTRACTOR.

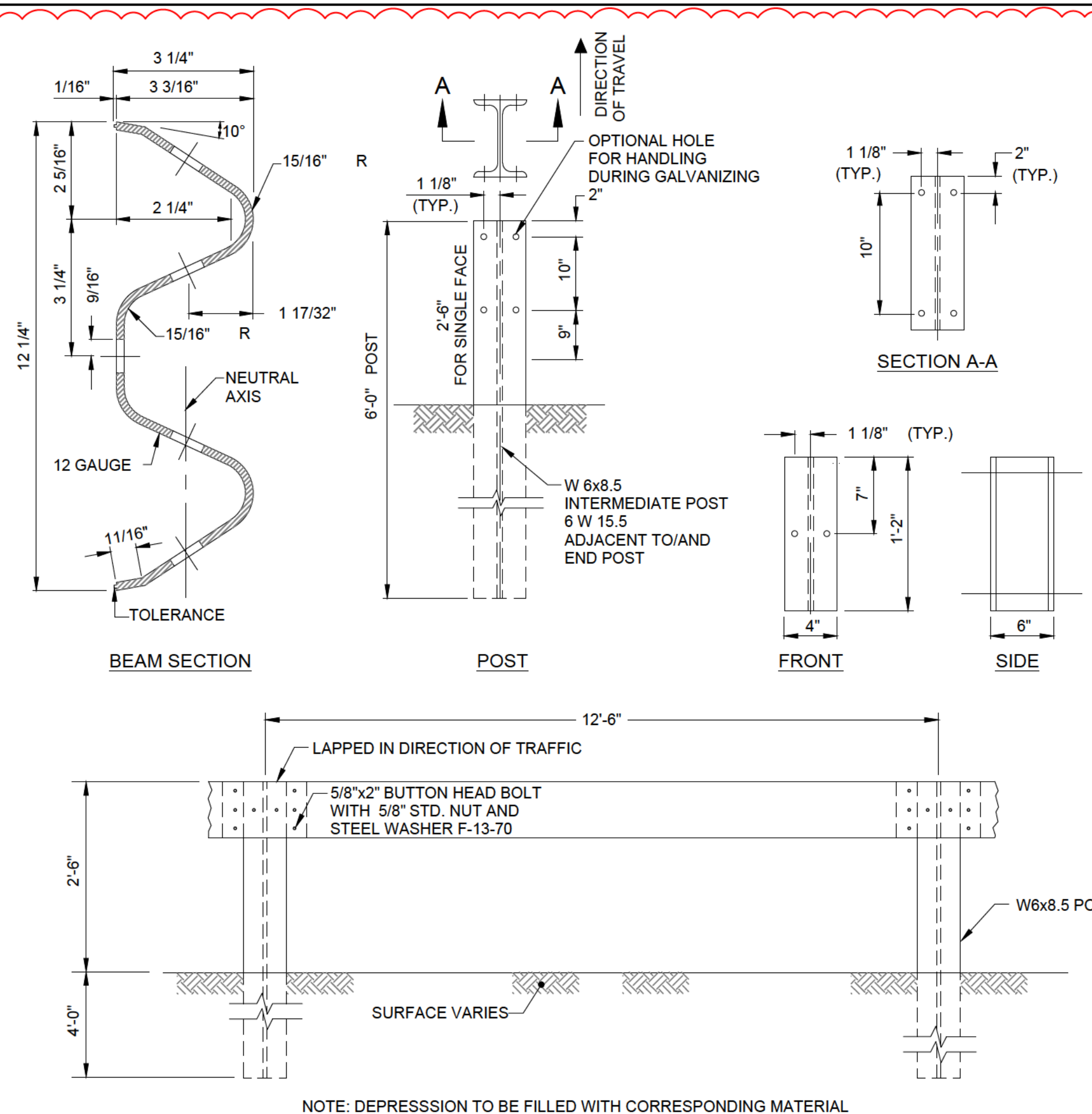
CONCRETE LIGHT STANDARD BASE DETAIL
NOT TO SCALE



STEEL GUARDRAIL TERMINAL END SECTION
NOT TO SCALE

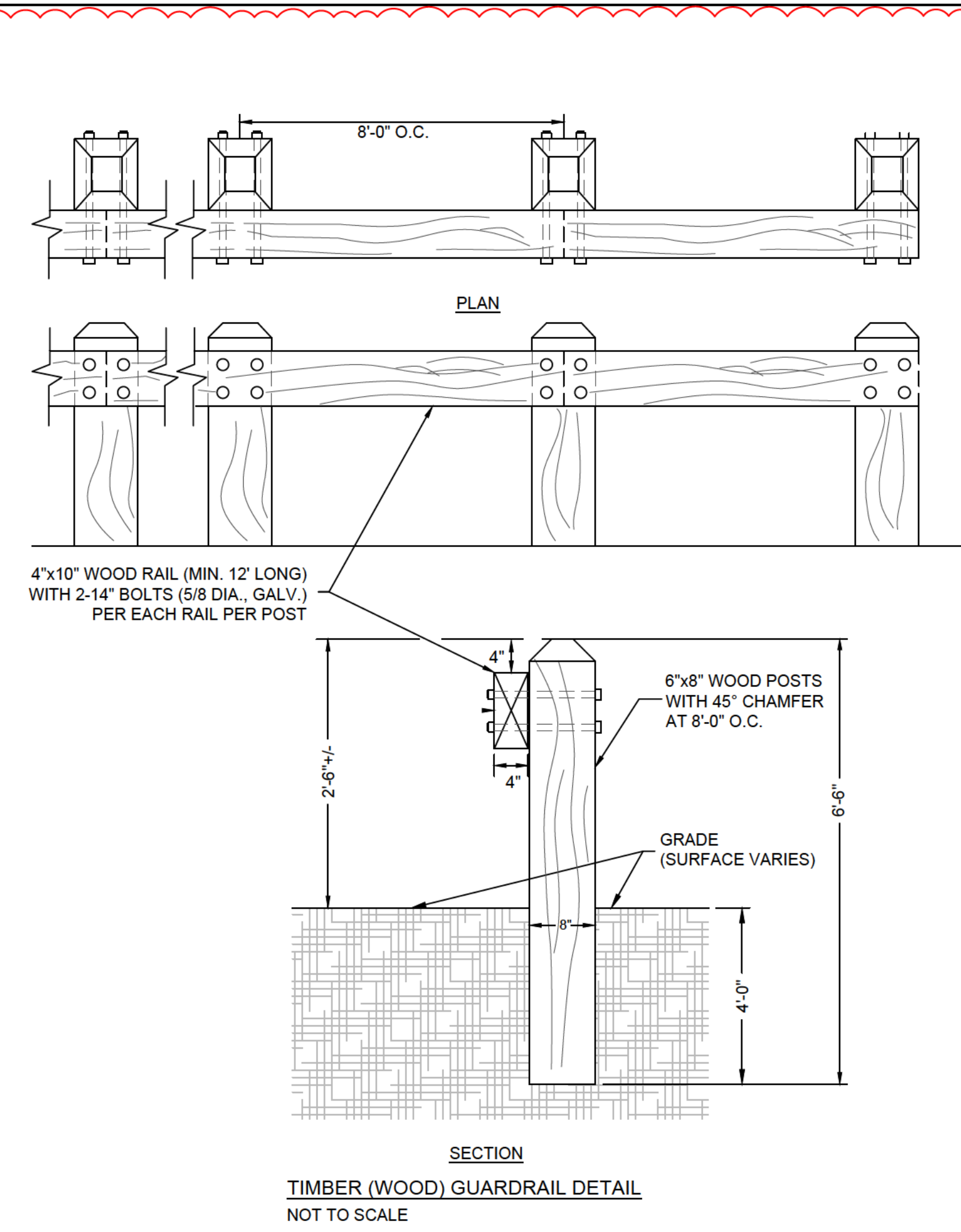
- NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 901 OF THE R.I. STANDARD SPECIFICATIONS.
 2. TOP OF RAIL TO BE SET AT 2'-6".
 3. FRONT FACE OF BEAM TO BE FLUSH WITH EDGE OF PAVEMENT.

STEEL GUARDRAIL TERMINAL END SECTION
NOT TO SCALE

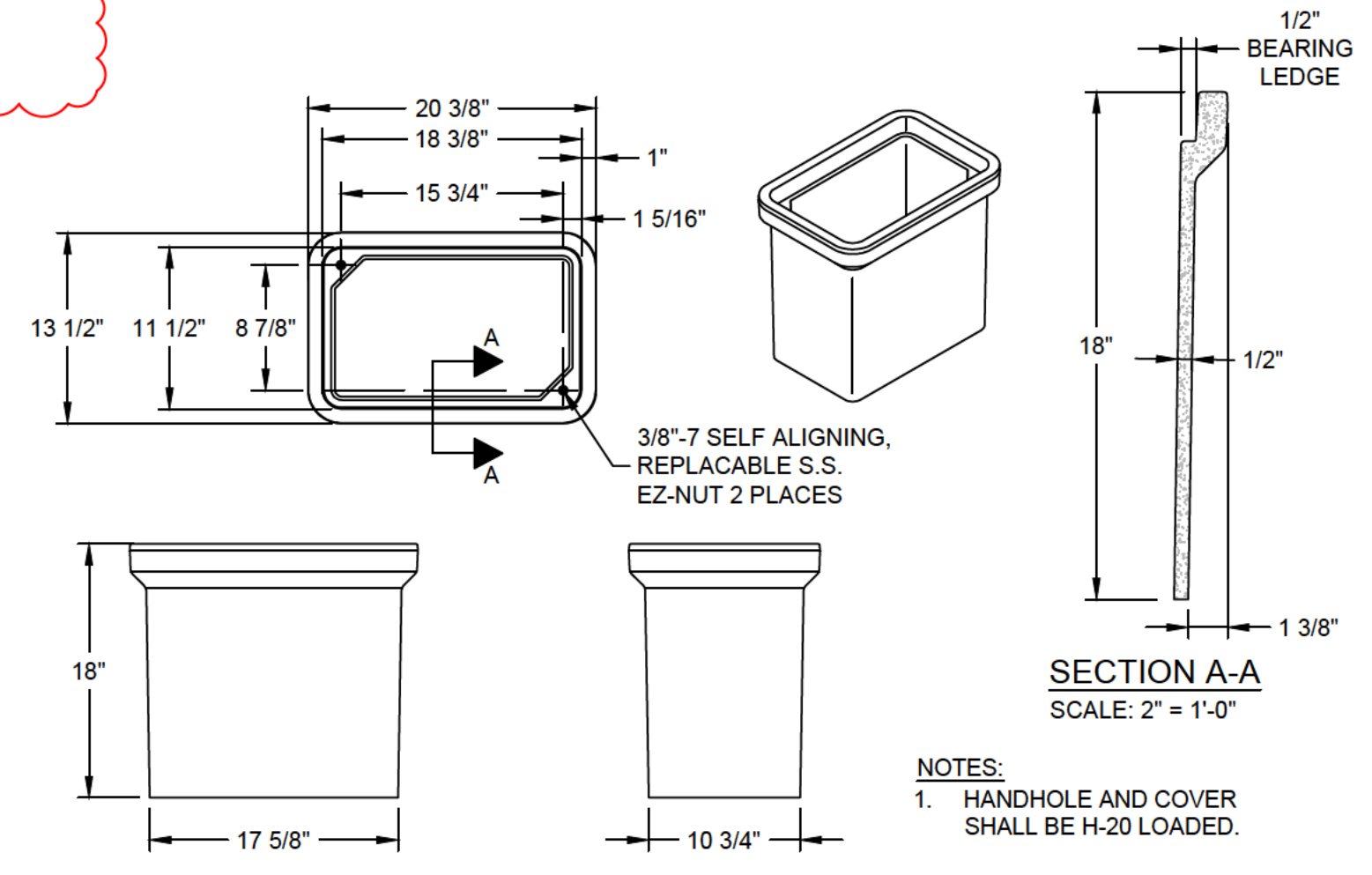


- NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 901 OF THE R.I. STANDARD SPECIFICATIONS.
 2. POST AND OFFSET BRACKET TO BE FABRICATED FROM 6"x4" 8 1/2 LBS/FT. STEEL "H" SECTIONS.
 3. POST AND BRACKET BOLT HOLES TO BE OVAL UNLESS OTHERWISE SPECIFIED.
 4. ALL HOLES IN OFFSET BRACKETS SHALL BE 13/16".
 5. TOP OF RAIL SHALL BE AT 2'-6".
 6. FRONT FACE OF BEAM TO BE FLUSH WITH EDGE OF PAVEMENT.

STEEL BEAM GUARDRAIL DETAIL
NOT TO SCALE

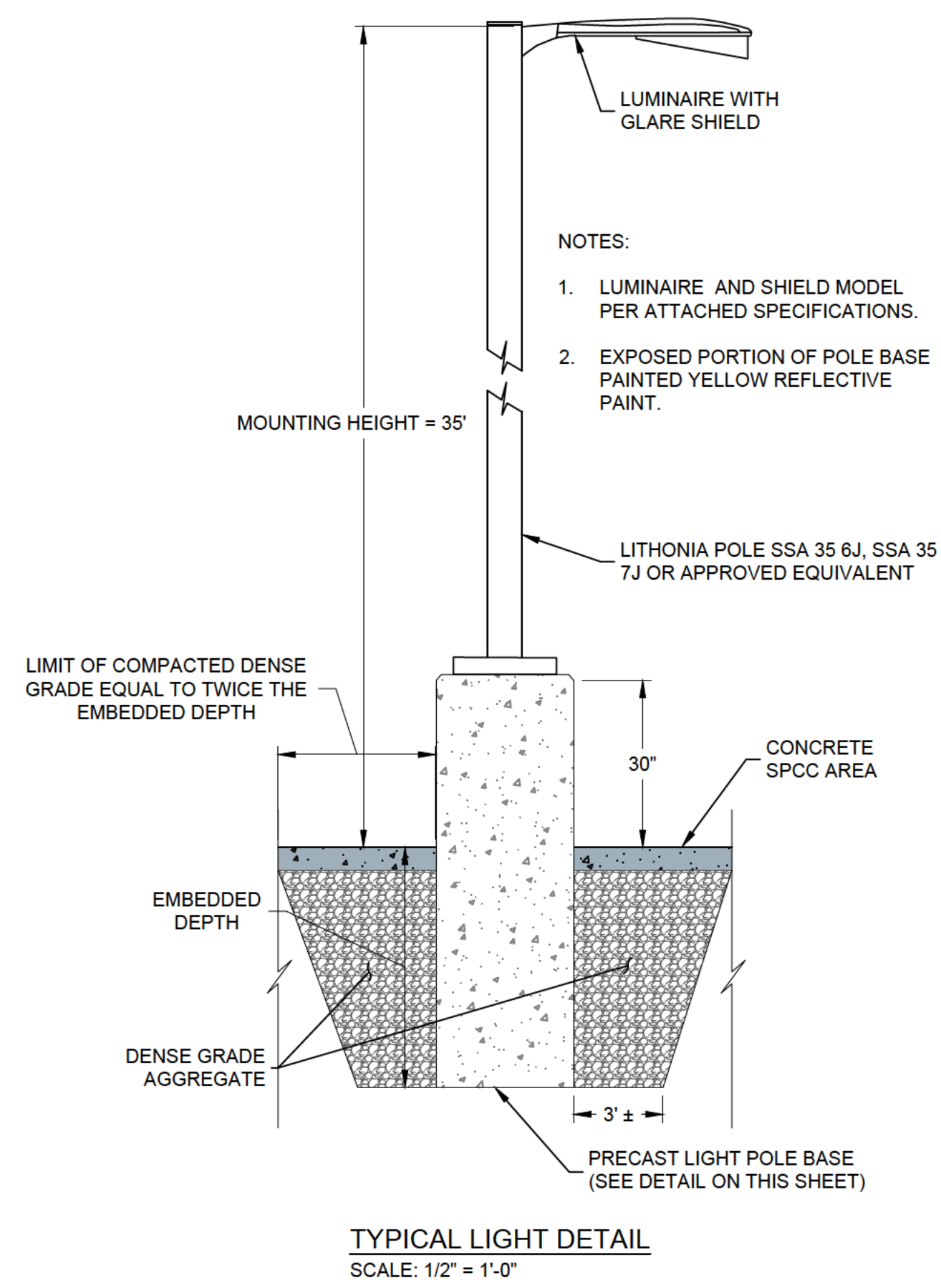


TIMBER (WOOD) GUARDRAIL DETAIL
NOT TO SCALE

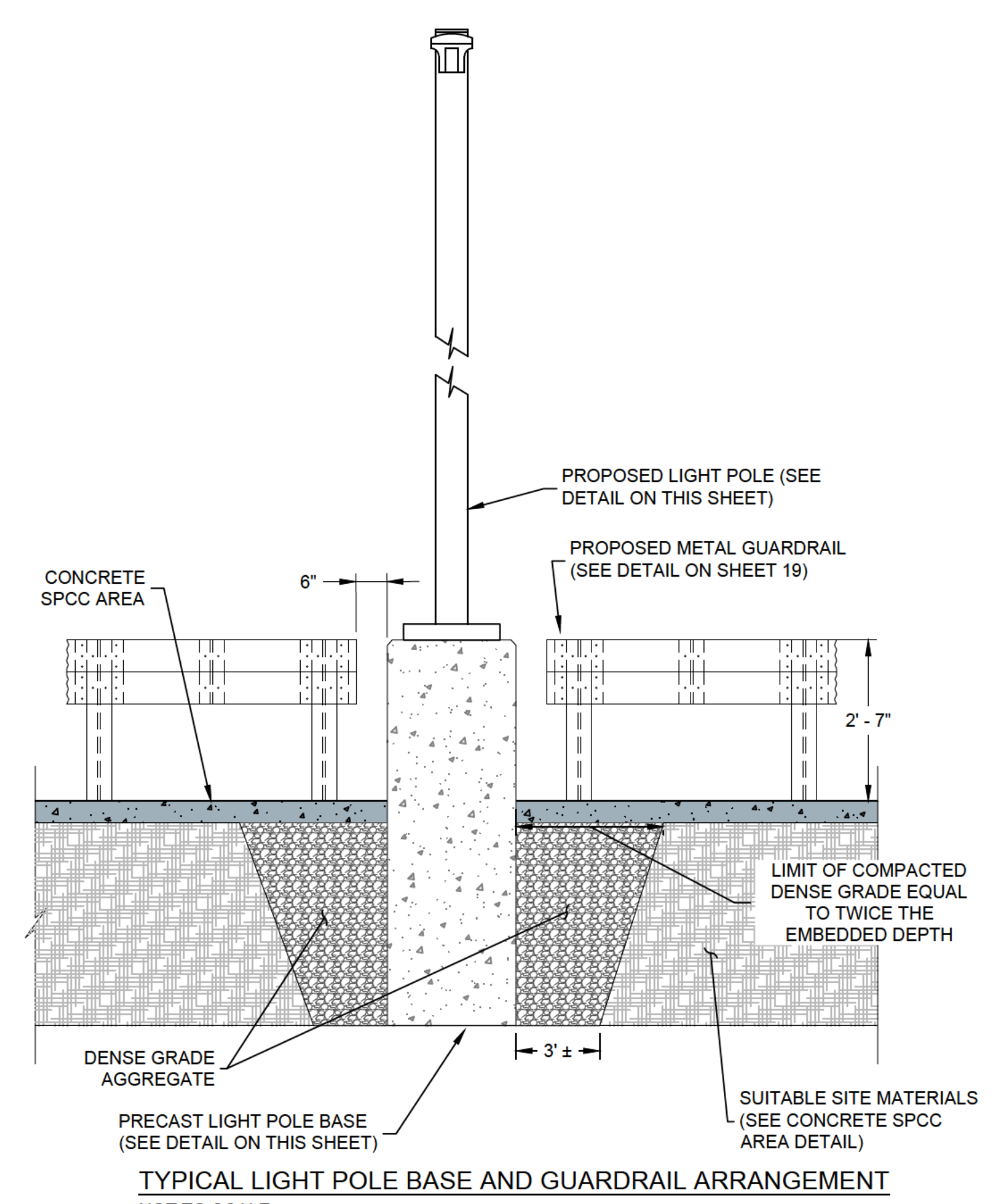


- NOTES:
1. HANDHOLE AND COVER SHALL BE H-20 LOADED.

HANDHOLE DETAIL
SCALE: 1" = 1'-0"



TYPICAL LIGHT DETAIL
SCALE: 1/2" = 1'-0"



TYPICAL LIGHT POLE BASE AND GUARDRAIL ARRANGEMENT
NOT TO SCALE

IFB
MAY 15, 2026

APPROVED:

1	ADDENDUM ONE		SJH	06-05-2026
NO.	ISSUE/DESCRIPTION		BY	DATE
THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY RHODE ISLAND ENERGY (RIE) OR THE RIE'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA AND RIE. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA AND RIE, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA AND RIE.				
ELEVATED STORAGE PAD AND SITE UTILITIES - BID SET				
642 ALLENS AVENUE PROVIDENCE, RHODE ISLAND				
GENERAL SITE DETAILS (2 OF 3) - ELEVATED PAD (PHASE I)				
PREPARED BY:		PREPARED FOR:		
 GZA GeoEnvironmental, Inc. www.gza.com		 Rhode Island Energy® a PPL company		
PROJ MGR: RAD	REVIEWED BY: MSK	CHECKED BY: RAD	DRAWING	
DESIGNED BY: NPD	DRAWN BY: NPD	SCALE: AS NOTED	22	
DATE:	PROJECT NO.	REVISION NO.		
MAY 15, 2026	35171.01	1	SHEET NO. 22 OF 38	

RIEMS – RI ENERGY ALLENS AVENUE – LIGHTING DESIGN

DRAWING INDEX	
LX 001	COVER SHEET
LX 002	LIGHTING NOTES
LX 003	LIGHTING EQUIPMENT SCHEDULE
LX 004	SCHEDULES & NARRATIVES
LX 101	LIGHTING SITE PLAN
LX 102	ELEVATED PAD AREA LIGHTING SITE PLAN
LX 103	ELEVATED PAD AREA – LIGHTING CALCULATIONS



BID SET

No.	Date	Note
Revisions		



on Eos Lightmedia Studio www.ALD.lighting
166 Valley Street (401) 233-4412
Building 6M, Suite 103
Providence, RI 02909

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Project:
RI Energy – Allens
Avenue Site Lighting

Drawing Title:
COVER SHEET

Date: 2026-05-01
Sheet: ARCH D
Drawn: BA
Checked: JUR

Scale: NO SCALE

Drawing No:

OWNER’S RESPONSIBILITIES

1. IT IS THE RESPONSIBILITY OF THE OWNER TO PERFORM PROPER AND REGULAR MAINTENANCE IN ORDER TO ENSURE EXPECTED PERFORMANCE OF ALL EQUIPMENT. EOS LIGHTMEDIA CANNOT BE HELD RESPONSIBLE OR LIABLE FOR IMPROPER SERVICE AND MAINTENANCE OF SYSTEMS.

LIGHTING DOCUMENT NOTES

1. ABERNATHY LIGHTING DESIGN, A STUDIO OF EOS LIGHTMEDIA, WILL HEREINAFTER BE REFERRED TO AS EOS LIGHTMEDIA
2. LIGHTING DRAWINGS REPRESENT VISUAL CONCEPTS, DESIGN INTENT, AND INSTALLATION SUGGESTIONS ONLY. LIGHTING DESIGNER IS UNQUALIFIED TO DETERMINE THEIR STRUCTURAL OR ELECTRICAL APPROPRIATENESS AND WILL NOT ASSUME RESPONSIBILITY OR LIABILITY FOR IMPROPER ENGINEERING, CONSTRUCTION, INSTALLATION, OR HANDLING, OF THESE DESIGN CONCEPTS.
3. ALL LIGHTING DRAWINGS MUST BE READ IN CONJUNCTION WITH COMPLETE LIGHTING SPECIFICATION SCHEDULE AND ACCOMPANYING MANUFACTURER'S CUT SHEETS.
4. WRITTEN DIMENSIONS ON DRAWINGS SHALL HAVE AUTHORITY OVER SCALED MEASUREMENTS. CONTRACTORS, FABRICATORS AND INSTALLERS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND SITE CONDITIONS ON A PER PROJECT BASIS AND INFORM EOS LIGHTMEDIA, THE PROJECT ARCHITECT, ENGINEER, DESIGNER AND THE PROJECT OWNER OF ANY VARIATIONS FROM DRAWINGS PRIOR TO PERFORMING THE WORK.
5. IN THE ABSENCE OF WRITTEN DIMENSIONS, THE DESIGN DRAWINGS, PLANS, SECTIONS AND DETAILS SHALL INDICATE THE PROPER LOCATIONS OF EQUIPMENT IF APPLICABLE. EXACT LOCATIONS TO BE VERIFIED WITH FIELD CONDITIONS AND CONFIRMED PRIOR TO FINAL INSTALLATION.
6. EOS LIGHTMEDIA DEFINES LIGHTING AS ALL EQUIPMENT RELATED TO THE LIGHTING SYSTEM, INCLUDING NETWORKING EQUIPMENT AND ASSOCIATED CONTROLS. LED PIXEL INSTALLATIONS SHALL BE CONSIDERED PART OF THE LIGHTING SYSTEM WHEN THEY ARE CONTROLLED VIA: DMX, ARTNET, KINET, SACN, OR SPI PROTOCOLS.

GENERAL REQUIREMENTS

1. THE FOLLOWING REQUIREMENTS ARE TO BE CARRIED OUT ON-SITE BY THE RESPONSIBLE CONTRACTOR.
2. CONTRACTOR SHALL SUPPLY AND INSTALL A COMPLETE, WORKING SYSTEM AS PER THE DESIGN INTENT.
3. CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE, EXAMINING ALL CONDITIONS ON WHICH THE WORK IS IN ANY WAY DEPENDANT, AND COORDINATING THIS INFORMATION WITH THE LIGHTING DESIGN DRAWINGS AND DOCUMENTATION. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR ANY ALLEGED MISUNDERSTANDING OF MATERIALS TO BE FURNISHED OR WORK TO BE DONE.
4. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT MATERIALS ARE ORDERED AND WORK IS CONDUCTED BASED ON THE MOST CURRENT AVAILABLE LIGHTING DRAWINGS AND DOCUMENTATION.
5. AT THE TIME OF ACCEPTANCE BY THE OWNER, ALL LIGHTING FIXTURES SHALL HAVE BEEN THOROUGHLY CLEANED WITH MATERIALS AND METHODS RECOMMENDED BY THE MANUFACTURERS, ALL BROKEN PARTS SHALL HAVE BEEN REPLACED, AND ALL LAMPS SHALL BE OPERATIVE.
6. CONTRACTOR SHALL SUBMIT FOR REVIEW A COMPLETE LIST OF LIGHTING PRODUCTS INTENDED TO BE FURNISHED WITH MANUFACTURER'S DATA SHEETS AND CATALOG DESIGNATIONS, ALONG WITH CURRENTLY QUOTED LEAD TIMES FOR DELIVERY OF THE SAME. THIS SUBMITTAL SHALL BE ORGANIZED ALPHABETICALLY BY LUMINAIRE TYPES INDICATED ON THE LUMINAIRE SCHEDULE. SHOULD THE CONTRACTOR ANTICIPATE THAT THE DELIVERY SCHEDULE OF ANY SPECIFIED PRODUCT MAY ADVERSELY IMPACT THE CONSTRUCTION SCHEDULE, IT SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AT THIS TIME.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS REQUIRED TO ENSURE A SAFE AND PROPER INSTALLATION. FIXTURE OR TRACK SHALL BE MOUNTED TO STRUCTURE IN A MANNER RECOMMENDED BY THE MANUFACTURER AND SO AS NOT TO COMPROMISE THE INTEGRITY OF THE STRUCTURE. INCLUDES ALL MATERIAL FOR RIGID HANGING OF FIXTURES AND TRACK TO ALL LOCAL SEISMIC STANDARDS. RIGID HANGING PREFERRED UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY LENGTHS OF ALL PENDANTS WITH ARCHITECT AND/OR EXHIBIT DESIGNER PRIOR TO FINAL ORDER. SEE LIGHTING DRAWINGS FOR MOUNTING HEIGHT INFORMATION.
8. SUBSTITUTIONS OF LIGHTING DESIGNER SPECIFIED PRODUCTS ARE STRICTLY PROHIBITED UNLESS APPROVED IN WRITING BY THE LIGHTING DESIGNER. LIGHTING FIXTURE, BALLAST, POWER SUPPLY, LAMP AND/OR ACCESSORY SUBSTITUTIONS SHALL BE FORMALLY PRESENTED TO THE LIGHTING DESIGNER NO LATER THAN TEN (10) WORKING DAYS PRIOR TO BID DUE DATE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE LIGHTING DESIGNER'S REVIEW OF POTENTIAL LUMINAIRE SUBSTITUTIONS. THE ALTERNATE SUBMITTAL MATERIALS SHALL INCLUDE THE FOLLOWING ITEMS:
A. A COMPLETE AND OPERATING LUMINAIRE SAMPLE WIRED FOR 120V OPERATION.
B. A COMPLETE PHOTOMETRIC REPORT FOR THE PROPOSED SUBSTITUTE PRODUCT USING THE LIGHTING DESIGNER SPECIFIED LAMP TYPE, WATTAGE, LUMEN OUTPUT, CORRELATED COLOR TEMPERATURE (CCT), AND COLOR RENDERING INDEX (CRI). THE PHOTOMETRIC REPORT MUST BE DONE IN ACCORDANCE WITH PUBLISHED I.E.S. TESTING PROCEDURES AND CERTIFIED BY A REGISTERED ELECTRICAL ENGINEER.
C. A CURRENT MANUFACTURER'S DATA SHEET WITH LUMINAIRE CATALOG NUMBERS. MODIFIED DATA SHEETS WILL NOT BE ACCEPTED.
D. THE CONTRACTOR MUST SUBMIT A SIGNED DOCUMENT STATING THAT, IF THE PROPOSED SUBSTITUTION IS ACCEPTED, THE PROJECT SCHEDULE WILL NOT BE NEGATIVELY AFFECTED. IF THE COMPLETION OF THE PROJECT IS DELAYED DUE TO THE APPROVED SUBSTITUTION, THE CONTRACTOR WILL BE RESPONSIBLE FOR PAYMENT OF ANY ESTABLISHED LIQUIDATED DAMAGES.
E. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS (ENGINEERING TIME, MANUFACTURER'S COSTS, DISTRIBUTOR'S COSTS, ETC.) INCURRED TO REPLACE ALL SUBSTITUTIONS MADE BY THE DISTRIBUTOR, MANUFACTURER'S REPRESENTATIVE, MANUFACTURER, SUB-CONTRACTOR, GENERAL CONTRACTOR OR ANY OTHER GROUP OR INDIVIDUAL WHICH WERE NOT FORMALLY APPROVED IN WRITING, BY THE LIGHTING DESIGNER AND/OR ARCHITECT.
9. ALTERNATE SPECIFICATIONS MUST BE SUBMITTED TO AND APPROVED BY THE LIGHTING DESIGNER PRIOR TO ORDERING. DELAYS OR COSTS ASSOCIATED WITH NOT SUBMITTING SUBSTITUTIONS FOR CONSIDERATION SHALL BE THE RESPONSIBILITY OF THE SUBMITTING PARTY.
10. THE BURDEN OF PROOF OF EQUALITY OF A PROPOSED SUBSTITUTION SHALL BE UPON THE SUBMITTING PARTY. ALTERNATE SPECIFICATION SUBMITTALS SHALL INCLUDE SUPPORTING INFORMATION SUCH AS TEST DATA, PERFORMANCE SPECS AND DETAILED BREAKDOWN DEFINING COST SAVINGS. ANY ITEM THAT DIFFERS BY MANUFACTURE, BRAND, OR MODEL NUMBER OTHER THAN THAT SPECIFIED SHALL BE CONSIDERED AN ALTERNATE.
11. IN GENERAL, THE ARCHITECTURAL REFLECTED CEILING PLANS, IF AVAILABLE, INDICATE THE PROPER LOCATIONS OF LIGHTING FIXTURES. DO NOT SCALE ELECTRICAL DRAWINGS FOR EXACT LOCATION OF THE LIGHTING FIXTURES.
12. PRIOR TO FINAL AIMING AND PROGRAMMING, ALL BROKEN LUMINAIRE PARTS SHALL HAVE BEEN REPLACED.
13. CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL INFRASTRUCTURE REQUIRED FOR LIGHTING SYSTEMS, INCLUDING BUT NOT LIMITED TO: CONDUIT, CABLE PULLS, TRAYS AND CABLE TERMINATIONS, JUNCTION BOXES, FLOOR/CEILING BOXES, ELECTRICAL ENCLOSURES, PANELS, POWER CIRCUITS, POWER CABLES AND CONNECTIONS REQUIRED TO FULFILL DESIGN INTENT DESCRIBED IN THESE DOCUMENTS.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING MOUNTING COMPATIBILITY AND PLENUM CLEARANCE OF ALL LIGHTING EQUIPMENT. CONTRACTORS SHALL PROVIDE STRUCTURAL SUPPORT FOR MOUNTING EQUIPMENT AT LOCATIONS DESIGNATED IN THESE DRAWINGS. CONTRACTORS SHALL NOTIFY EOS LIGHTMEDIA, THE PROJECT ARCHITECT, ENGINEER, DESIGNER AND THE PROJECT OWNER OF ANY CONFLICTS, INCLUDING BUT NOT LIMITED TO: HVAC, PLUMBING, OR LIFE SAFETY SYSTEMS, OR PLUMBING PRIOR TO INSTALLATION OF ANY KIND.

15. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS AND DOCUMENTS FOR ALL LIGHTING AND CONTROL SYSTEMS ON THIS PROJECT. RECORD DRAWINGS AND DOCUMENTATION SHALL BE COMPLETE, CURRENT, AND BE PROVIDED TO THE LIGHTING DESIGNER IN DIGITAL OR HARD COPY FORMAT UPON REQUEST. AS-BUILT DRAWINGS SHALL BE COMPLETED WITHIN 30 DAYS OF PROJECT COMPLETION.
16. CONTRACTOR SHALL SUPPLY MANUFACTURERS' TRANSFORMERS OF PROPER CAPACITY AS REQUIRED. REMOTE TRANSFORMERS OR POWER SUPPLIES SHALL BE IN NEARBY ACCESSIBLE, CONCEALED-FROM-VIEW LOCATION WITH RECOMMENDED VENTILATION.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL TARGETING OF AIM-ABLE/ADJUSTABLE LUMINAIRES UNDER THE OBSERVATION, AND ACCORDING TO THE RECOMMENDATIONS OF THE LIGHTING DESIGNER. AS AIMING AND ADJUSTING IS COMPLETED, CREWS ARE RESPONSIBLE FOR TIGHTENING ALL LOCKING SET SCREWS, HANDLES, BOLTS, ETC. TO INSURE THAT FIXTURE FOCUS IS PERMANENTLY MAINTAINED.
18. CONTRACTOR SHALL FOCUS AND ADJUST DESIGNATED LUMINAIRE(S), AFTER DARK, AT A TIME MUTUALLY AGREEABLE TO CONTRACTOR, LIGHTING DESIGNER AND OWNER. ADJUSTMENTS SHALL BE MADE IN ACCORDANCE WITH THE LIGHTING DESIGNER'S STATED INTENT, UNDER THEIR OBSERVATIONS.
19. THE AIMING AND ADJUSTMENT OF THE LUMINAIRES MUST TAKE PLACE AFTER THE PROJECT'S AMENITIES HAVE BEEN COMPLETELY INSTALLED. THESE AMENITIES SHALL INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, PLANTINGS, FURNITURE, ARTWORK, GRAPHICS AND SIGNAGE.
20. AIMING AND PROGRAMMING WORKS SHALL NOT COMMENCE UNTIL ALL LIGHTING AND CONTROL SYSTEMS HAVE BEEN FULLY INSTALLED AND TESTED FOR PROPER FUNCTIONALITY.
21. CONTRACTOR SHALL FURNISH ALL LADDERS, SCAFFOLDS, LIFTS, ETC. REQUIRED FOR FIXTURE AIMING AND ADJUSTING.
22. JUNCTION BOXES, CONDUIT, THREADED ROD AND UNISTRUT THAT IS USED TO WIRE AND MOUNT FIXTURES AND THAT IS OPEN TO VIEW SHALL BE PAINTED TO MATCH ADJACENT STRUCTURE.
23. SUPPLIER TO PROVIDE PRODUCT BASED ON SPECIFICATIONS DETAILED IN THE ATTACHED EQUIPMENT SCHEDULE(S). ANY CUTSHEETS OR MODEL NUMBERS PROVIDED BY THE DESIGNER ARE FOR REFERENCE ONLY. ANY DISCREPANCY BETWEEN EQUIPMENT SCHEDULE AND REFERENCE MATERIALS ISSUED SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER AND ARCHITECT.
24. SHOP DRAWINGS ARE REQUIRED FOR REVIEW PRIOR TO ORDERING EQUIPMENT.
25. ALL LIGHTING EQUIPMENT TO BE SUPPLIED WITH SPECIFIED ACCESSORIES, INCLUDING POWER SUPPLIES, MOUNTS, ETC.
26. ALL DIMMED CIRCUITS REQUIRE A DEDICATED NEUTRAL.
27. CONTRACTOR TO REVIEW MANUFACTURERS' INSTALLATION INSTRUCTIONS FOR ALL FIXTURES AND POWER SUPPLIES
28. ALL FIXTURES AND POWER SUPPLIES REQUIRING DATA AND DATA CONNECTIONS SHALL BE REVIEWED IN ACCORDANCE WITH MANUFACTURERS' INSTRUCTIONS PRIOR TO ENERGIZING. ANY DAMAGE CAUSED BY INCORRECT WRING SHALL BE THE SOLE RESPONSIBILITY OF THE INSTALLING CONTRACTOR.
29. ALL EQUIPMENT AND CABLES SUPPLIED WITH FACTORY INSTALLED CONNECTORS SHALL NOT BE SPLICED OR MODIFIED IN ANY WAY.



BID SET

No. Date
Revisions

Note



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Project:

RI Energy – Allens
Avenue Site Lighting

Drawing Title:

LIGHTING NOTES

Date: 2026-05-01
Sheet: ARCH D
Drawn: BA
Checked: JJR

Scale: NO SCALE

Drawing No:

LX 002

QTY	IMAGE	TYPE	MANUFACTURER	CATALOG #	DESCRIPTION	WATTS	VOLTS	DIMMING	OPTIC	ACCESSORIES	NOTES
4		SA06B	LITHONIA LIGHTING	DSX2LED-P6-40K-70CRI-TFTM-MVOLT-SPA-NLTAIR2 P RHN-ESGR-DBLXD	POLE-MOUNTED LARGE-FORMAT 45878LM 70CRI ELEVATED PAD AREA LUMINAIRE. BLACK.	345	120-277	0-10V	TYPE IV - BACKLIGHT CONTROL	EXTERNAL GLARE SHIELD	DISTRIBUTION: FORWARD THROW MEDIUM MOUNTS TO 5'X5' SQUARE POLE
4		SA08B	LITHONIA LIGHTING	DSX2LED-P6-40K-70CRI-TFTM-MVOLT-SPA-NLTAIR2 PIRHN-ESGR-DBLXD	POLE-MOUNTED LARGE-FORMAT 57,549LM 70CRI ELEVATED PAD AREA LUMINAIRE. BLACK.	466	120-277	0-10V	TYPE IV - BACKLIGHT CONTROL	EXTERNAL GLARE SHIELD	DISTRIBUTION: FORWARD THROW MEDIUM MOUNTS TO 5'X5' SQUARE POLE
8		SB01B	LITHONIA LIGHTING	DSX2LED-P1-40K-70CRI-T4M-MVOLT-SPA-NLTAIR2 PIRHN-ESGR-DBLXD	POLE-MOUNTED LARGE-FORMAT 19,770LM 70CRI DRIVE PATH/PARKING AREA LUMINAIRE. BLACK.	135	120-277	0 10V	TYPE IV - BACKLIGHT CONTROL	EXTERNAL GLARE SHIELD	DISTRIBUTION: TYPE IV MEDIUM MOUNTS TO 5'X5' SQUARE POLE

General Notes	
1	ABERNATHY LIGHTING DESIGN, A STUDIO OF EOS LIGHTMEDIA, WILL HEREINAFTER BE REFERRED TO AS EOS LIGHTMEDIA.
2	ALL LIGHTING DRAWINGS MUST BE READ IN CONJUNCTION WITH COMPLETE LIGHTING EQUIPMENT SCHEDULE AND ACCOMPANYING MANUFACTURER'S CUT SHEETS. ANY DISCREPANCY BETWEEN LIGHTING EQUIPMENT SCHEDULE AND REFERENCE MATERIALS ISSUED SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER AND ARCHITECT.
3	CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT MATERIALS ARE ORDERED AND WORK IS CONDUCTED BASED ON THE MOST CURRENT AVAILABLE LIGHTING DRAWINGS AND DOCUMENTATION.
4	CONTRACTOR TO CONFIRM IN WRITING ALL FINISHES WITH OWNER PRIOR TO FINAL ORDER.
5	CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL LUMINAIRES AND LIGHTING SYSTEMS WITH APPROPRIATE POWER SUPPLIES, LED DRIVERS, CONTROL SYSTEM INTERFACES, AND ANY OTHER MISCELLANEOUS HARDWARE NECESSARY FOR PROPER INSTALLATION AND OPERATION.
6	CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL EQUIPMENT COUNT.
7	CONTRACTOR SHALL SUPPLY AND INSTALL A COMPLETE WORKING SYSTEM AS PER THE DESIGN INTENT.
8	AT THE TIME OF ACCEPTANCE BY THE OWNER, ALL LUMINAIRES SHALL HAVE BEEN THOROUGHLY CLEANED WITH MATERIALS AND METHODS RECOMMENDED BY THE MANUFACTURERS, ALL BROKEN PARTS SHALL HAVE BEEN REPLACED, AND ALL LAMPS SHALL BE OPERATIVE.
9	SHOULD THE CONTRACTOR ANTICIPATE THAT THE DELIVERY SCHEDULE OF ANY SPECIFIED PRODUCT MAY ADVERSELY IMPACT THE CONSTRUCTION SCHEDULE, THEY SHALL BRING IT TO THE ATTENTION OF THE OWNER AND LIGHTING DESIGNER PRIOR TO FINAL BID SUBMITTAL. A SUCCESSFUL CONTRACTOR SHALL SUBMIT A COMPLETE LIST OF LIGHTING PRODUCTS THEY INTEND ON FURNISHING WITH MANUFACTURER AND CATALOG DESIGNATIONS, ALONG WITH CURRENTLY QUOTED LEAD TIMES FOR DELIVERY OF THE SAME.
10	CONTRACTOR SHALL SUBMIT FOR REVIEW A COMPLETE LIST OF LIGHTING PRODUCTS INTENDED TO BE FURNISHED WITH MANUFACTURER'S DATA SHEETS AND CATALOG DESIGNATIONS, ALONG WITH CURRENTLY QUOTED LEAD TIMES FOR DELIVERY OF THE SAME. THIS SUBMITTAL SHALL BE ORGANIZED ALPHABETICALLY BY LUMINAIRE TYPES INDICATED ON THE LIGHTING EQUIPMENT SCHEDULE. SHOULD THE CONTRACTOR ANTICIPATE THAT THE DELIVERY SCHEDULE OF ANY SPECIFIED PRODUCT MAY ADVERSELY IMPACT THE CONSTRUCTION SCHEDULE, IT SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AT THIS TIME.
11	PRIOR TO FINAL AIMING AND PROGRAMMING, ALL BROKEN LUMINAIRE PARTS SHALL HAVE BEEN REPLACED AND ALL LUMINAIRES SHALL BE OPERATIVE AND PROGRAMMABLE.
12	CONTRACTOR TO REVIEW MANUFACTURERS' INSTALLATION INSTRUCTIONS FOR ALL LIGHTING EQUIPMENT AND POWER SUPPLIES.
13	ELECTROMAGNETIC COMPATIBILITY SIMPLY MEANS THAT ELECTRONIC DEVICES THAT GENERATE RADIO FREQUENCY ENERGY (INCLUDING BUT NOT LIMITED TO WIFI, RADIO FREQUENCIES, WIRELESS DMX, BLE, ETC) MUST NOT INTERFERE WITH OTHER ELECTRONIC DEVICES AND SHOULD NOT BE SUSCEPTIBLE TO INTERFERENCE FROM OTHER DEVICES. EQUIPMENT SPECIFIED HERE IN SHALL NOT BE AN EM POLLUTER, NOR SHALL IT BE AFFECTED BY EM POLLUTION. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL RELEVANT EQUIPMENT COMPLIES WITH THE EMC CURRENT STANDARDS.
14	ALL WIRING & ELECTRICAL HARDWARE, INCLUDING J-BOXES, SHALL BE CONCEALED UNLESS OTHERWISE APPROVED BY OWNER.
15	JUNCTION BOXES AND CONDUIT THAT IS USED TO WIRE FIXTURES AND THAT IS OPEN TO VIEW SHALL BE PAINTED TO MATCH ADJACENT STRUCTURE.
16	FINAL SHOP DRAWINGS ARE REQUIRED FOR REVIEW PRIOR TO ORDERING EQUIPMENT. DETAILED MANUFACTURER SHOP DRAWINGS TO BE PROVIDED FOR SPECIFIC LUMINAIRES IF NOTED.



BID SET

No. Date
Revisions

Note



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Project:

RI Energy – Allens
Avenue Site Lighting

Drawing Title:

LIGHTING EQUIPMENT
SCHEDULE

Date: 2026-05-01
Sheet: ARCH D
Drawn: BA
Checked: JUR

Scale: NO SCALE

Drawing No:

LIGHTING CONTROL NARRATIVE

ALL NEW LIGHTING SYSTEMS SUPPLIED UNDER THIS SCOPE SHALL BE NLIGHT CONTROLLABLE UNLESS OTHERWISE NOTED.

LIGHTING SHALL FUNCTION WITH NLIGHT PHOTOCELL/PIR MOTION SENSORS TO BOTH LIMIT THE HOURS OF OPERATION TO ONLY WHEN AMBIENT DAYLIGHT IS NOT SUFFICIENT FOR PARKING LOT OPERATION. WHEN AMBIENT DAYLIGHT IS NOT SUFFICIENT (ESTIMATED TO BE LESS THAN 5 FOOT-CANDLES OF DAYLIGHT), THE LIGHTING SYSTEMS SHALL BECOME ACTIVE AND SHALL OPERATE ON A HIGH/LOW SENSOR-BASED FUNCTIONALITY. WHEN SENSORS DETECT ACTIVITY IN THE AREA SURROUNDING AN INDIVIDUAL LUMINAIRE LOCATION, THE INTENSITY OF THAT LUMINAIRE WILL INCREASE TO A "HIGH" ILLUMINATION LEVEL OVER A SHORT PERIOD OF TIME. AFTER A PRESET DELAY, THE SENSOR WILL TRIGGER THE LUMINAIRE TO RETURN TO A "LOW" ILLUMINATION LEVEL OVER A LONGER LENGTH OF TIME. THIS LOWER DEFAULT STATE WILL SAVE ENERGY AND ALLOW THE LIGHTING SYSTEMS TO HAVE MINIMAL IMPACT ON THE SURROUNDING PROPERTIES DURING HOURS OF MINIMAL ACTIVITY AT NIGHT.

ALL NLIGHT ENABLED LIGHTING SYSTEMS SHALL BE INTERCONNECTED AND LINKED TO ANY EXISTING NLIGHT ENABLED LIGHTING SYSTEMS ON THE PROPERTY SO THAT ALL EXTERIOR LIGHTING CAN FUNCTION AS A SINGLE PROPERTY-WIDE SYSTEM.



LIGHTING CONTROL SEQUENCE OF OPERATION

LUMINAIRE TYPE	SENSOR CONTROL					TIMING			INTEGRATION		EMERGENCY CONTROL	NOTES
	ON-BOARD PHOTOCELL (HOLD OFF WHEN AMBIENT LIGHT IS 5 FC)	ON-BOARD PIR MOTION SENSOR (HIGH = 100% / LOW = 40%)	ON-BOARD PIR OCCUPANCY SENSOR (HIGH = 100% / LOW = OFF)	ADJACENT OFF-BOARD MOTION SENSOR (HIGH = 90% / LOW = 40%)	TIMELOCK CONTROL (ON @ SUNSET .30MIN / OFF AT SUNRISE)	5 SEC	7.5 MIN	2 MIN				
SA06B	☑	☑	☐	☐	☐	5 SEC	7.5 MIN	2 MIN	☑	☐	☑	
SA08B	☑	☑	☐	☐	☐	5 SEC	7.5 MIN	2 MIN	☑	☐	☑	
SB01B	☑	☑	☐	☐	☐	5 SEC	7.5 MIN	2 MIN	☑	☐	☑	



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Project:
RI Energy — Allens
Avenue Site Lighting

Drawing Title:
SCHEDULES &
NARRATIVES

Date: 2026-05-01
Sheet: ARCH D
Drawn: BA
Checked: JJR

Scale: NO SCALE

Drawing No:



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No. Date
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Project:
RI Energy — Allens
Avenue Site Lighting

Drawing Title:
LIGHTING SITE PLAN

Date: 2026-05-01
Sheet: ARCH D
Drawn: BA
Checked: JUR

Scale: 1"=50'

Drawing No:

LX 101

General Lighting Notes:

- All pole mounted luminaires mount on a standard 5" x 5" square aluminum pole of appropriate height, unless otherwise noted. Pole height must account for height of pre-cast base by others in order to ensure proper luminaire mounting height. Pole must meet all applicable local wind load requirements. Final pole specification by Contractor.
- Luminaires to be provided with Manufacturer's standard reversible External Glare Shield. Glare Shield to be installed on the side of the luminaire head closest to the property line unless otherwise noted.
- Any variations from "Basis of Design" luminaire specification or the above indicated luminaire locations and orientations shall require Contractor to re-verify photometric compliance with the illumination and uniformity requirements of IESNA Recommended Practice RP-8-18 and the light trespass requirements of the Providence, Rhode Island Zoning Code Section 1301.
- All luminaire locations to be field verified prior to rough-in. In general, luminaire locations shown on engineered site plans shall take precedence over locations shown on lighting layouts. Any and all conflicts in location information shall be brought to the attention of the Engineer and Lighting Designer.

Specific Lighting Notes:

- Indicated luminaire shall be pole mounted in line with pad area's guard rail structure, at a height of +35'-0" AFG. Contractor to confirm pole support and electrical wiring infrastructure with Engineer.
- Indicated luminaire shall be pole mounted in line with pad area's guard rail structure, at a height of +25'-0" AFG. Shares pole with luminaire type SA06B/SA08B in same location (see detail on sheet LX102). Contractor to confirm pole support and electrical wiring infrastructure with Engineer.
- Indicated luminaire shall be pole mounted in line with existing roadway, at a height of +25'-0" AFG. Contractor to confirm pole support and electrical wiring infrastructure with Engineer.



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Project:
RI Energy — Allens
Avenue Site Lighting

Drawing Title:
ELEVATED PAD AREA
LIGHTING SITE PLAN

Date: 2026-05-01
Sheet: ARCH D
Drawn: BA
Checked: JUR

Scale: 1"=20'

Drawing No:

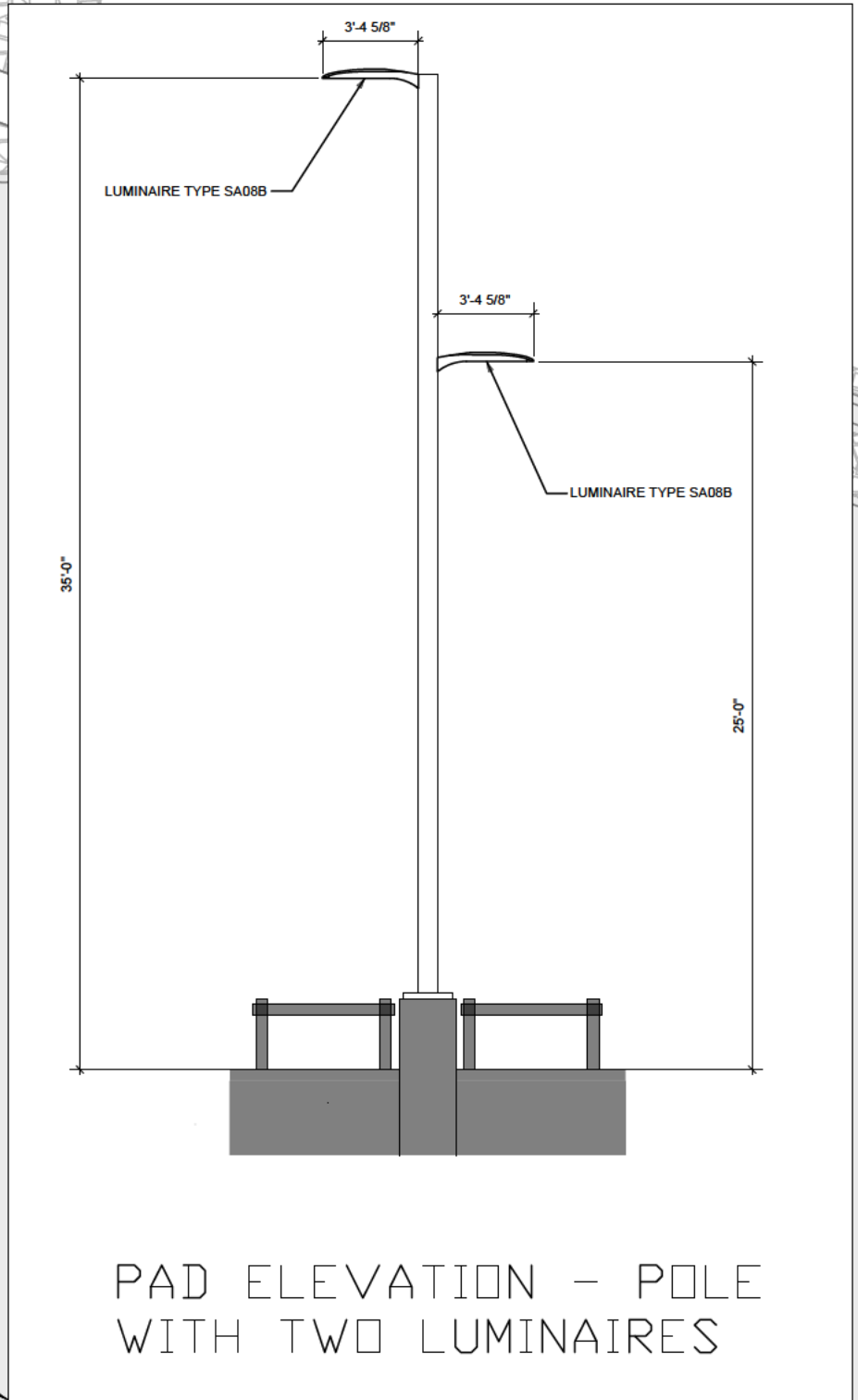
LX 102

General Lighting Notes:

- All pole mounted luminaires mount on a standard 5" x 5" square aluminum pole of appropriate height, unless otherwise noted. Pole height must account for height of pre-cast base by others in order to ensure proper luminaire mounting height. Pole must meet all applicable local wind load requirements. Final pole specification by Contractor.
- Luminaires to be provided with Manufacturer's standard reversible External Glare Shield. Glare Shield to be installed on the side of the luminaire head closest to the property line unless otherwise noted.
- Any variations from "Basis of Design" luminaire specification or the above indicated luminaire locations and orientations shall require Contractor to re-verify photometric compliance with the illumination and uniformity requirements of IESNA Recommended Practice RP-8-18 and the light trespass requirements of the Providence, Rhode Island Zoning Code Section 1301.
- All luminaire locations to be field verified prior to rough-in. In general, luminaire locations shown on engineered site plans shall take precedence over locations shown on lighting layouts. Any and all conflicts in location information shall be brought to the attention of the Engineer and Lighting Designer.

Specific Lighting Notes:

- Indicated luminaire shall be pole mounted in line with pad area's guard rail structure, at a height of +35'-0" AFG. Contractor to confirm pole support and electrical wiring infrastructure with Engineer.
- Indicated luminaire shall be pole mounted in line with pad area's guard rail structure, at a height of +25'-0" AFG. Share pole with luminaire type SA06B/SA08B in same location (see detail on sheet LX102). Contractor to confirm pole support and electrical wiring infrastructure with Engineer.
- Indicated luminaire shall be pole mounted in line with existing roadway, at a height of +25'-0" AFG. Contractor to confirm pole support and electrical wiring infrastructure with Engineer.





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Project:
RI Energy — Allens
Avenue Site Lighting

Drawing Title:
ELEVATED PAD
AREA—LIGHTING
CALCULATIONS

Date: 2026-05-01
Sheet: ARCH D
Drawn: BA
Checked: JUR

Scale: 1"=20'

Drawing No:

LX 103

General Lighting Notes:

- All pole mounted luminaires mount on a standard 5" x 5" square aluminum pole of appropriate height, unless otherwise noted. Pole height must account for height of pre-cast base by others in order to ensure proper luminaire mounting height. Pole must meet all applicable local wind load requirements. Final pole specification by Contractor.
- Luminaires to be provided with Manufacturer's standard reversible External Glare Shield. Glare Shield to be installed on the side of the luminaire head closest to the property line unless otherwise noted.
- Any variations from "Basis of Design" luminaire specification or the above indicated luminaire locations and orientations shall require Contractor to re-verify photometric compliance with the illumination and uniformity requirements of IESNA Recommended Practice RP-8-18 and the light trespass requirements of the Providence, Rhode Island Zoning Code Section 1301.
- All luminaire locations to be field verified prior to rough-in. In general, luminaire locations shown on engineered site plans shall take precedence over locations shown on lighting layouts. Any and all conflicts in location information shall be brought to the attention of the Engineer and Lighting Designer.



Photographic Log

		Site Location: 642 Allens Avenue, Providence RI	Project No. 03.00035171.01
Photo No. 1	Date: 7/9/2026	 A wide-angle photograph showing the main entrance of a large, modern, multi-story office building with a grid-like facade of windows. The building is situated behind a chain-link fence. In the foreground, there is a large, flat, grassy area with some dry patches. To the right, a large white storage tank is visible in the background under a clear blue sky.	
Direction Photo Taken: Looking northeast			
Description Main Site entrance at Allens Avenue			

Photo No. 2	Date: 7/9/26	 A photograph showing a concrete sidewalk on the left side of the frame. To the right of the sidewalk is a grassy area and a chain-link fence. In the background, a portion of the same building seen in the first photo is visible, along with some trees and a clear blue sky.
Direction Photo Taken: Looking north		
Description Sidewalk, and existing fence along Allens Avenue		

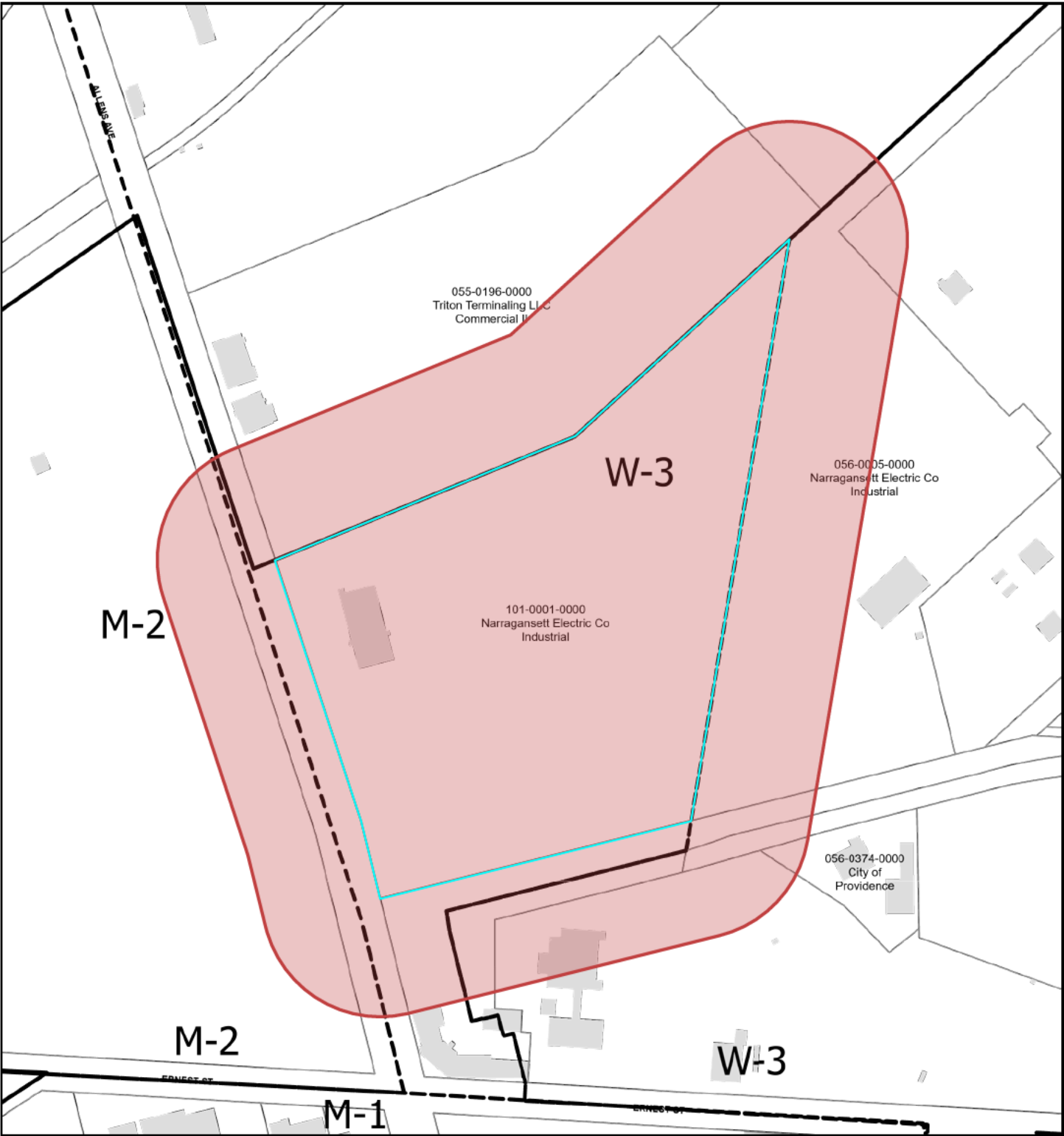


Photographic Log

Photo No. 3	Date: 7/9/26	
Direction Photo Taken: Looking southeast		
Description: Railroad easement, existing fence, and trees to remain		

		
Photo No. 4	Date: 7/9/26	
Direction Photo Taken: Looking Southwest		
Description: Existing truck loop and light poles		

Radius Map



7/16/2026, 3:47:24 PM

