

<b>DOCKETED</b>	
<b>Docket Number:</b>	26-OPT-01
<b>Project Title:</b>	Vaca Dixon Power Center Project
<b>TN #:</b>	268169-1
<b>Document Title:</b>	Appendix N Lighting Plan _VDPC
<b>Description:</b>	Includes proposed lighting plan with elevations, site plan and lighting fixture schedule.
<b>Filer:</b>	Grace Myers
<b>Organization:</b>	Rincon Consultants, Inc.
<b>Submitter Role:</b>	Applicant Consultant
<b>Submission Date:</b>	1/6/2026 2:32:55 PM
<b>Docketed Date:</b>	1/6/2026

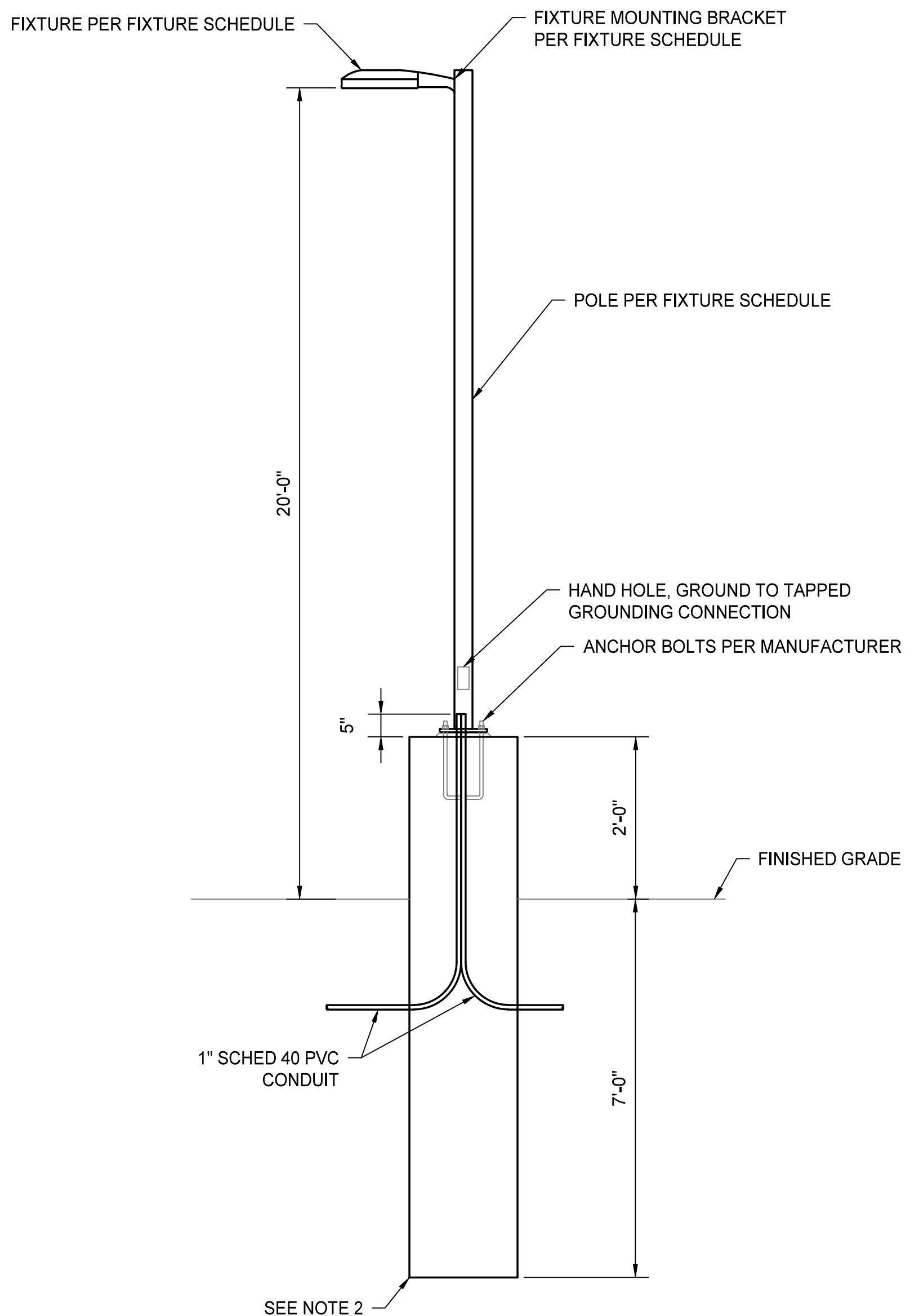
## Appendix N

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### Lighting Plan

LIGHTING GENERAL NOTES

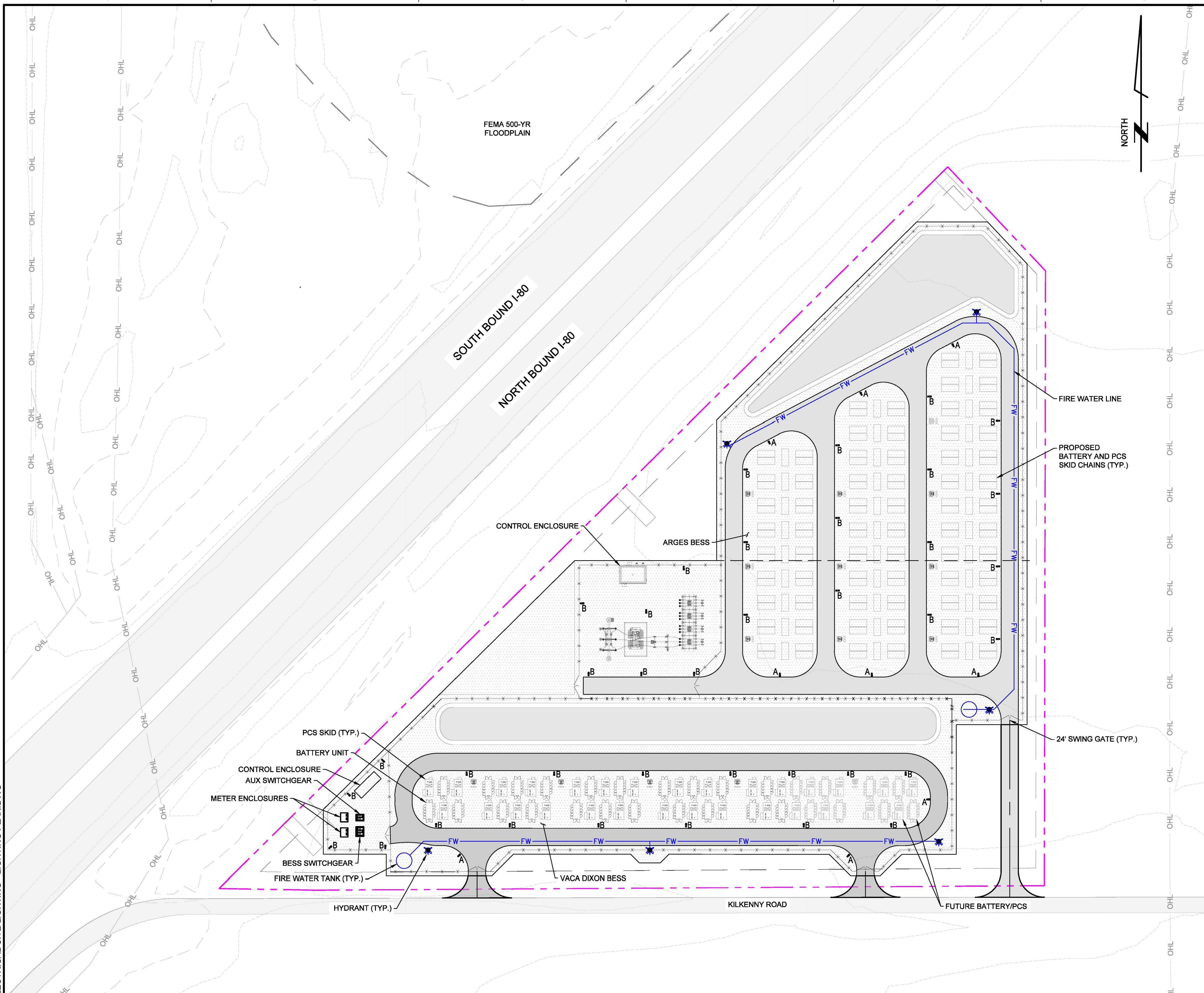
- VERIFY UNDERGROUND UTILITIES, PIPING AND DUCTBANKS PRIOR TO TRENCHING FOR UNDERGROUND INSTALLATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL COORDINATION OF LIGHTING FIXTURE LOCATIONS AND FOR RELOCATION OF FIXTURE WHERE NECESSARY TO AVOID INTERFERENCE.
- INSTALLATION DETAILS, WHEN SHOWN, ARE GENERAL IN NATURE AND SHALL BE ADAPTED TO SATISFY FIELD CONDITIONS.
- GRAPHICAL REPRESENTATIONS ON THE LIGHTING DETAILS ARE GENERAL IN NATURE AND MAY NOT ACCURATELY DEPICT THE EQUIPMENT OR THE MANUFACTURER LISTED.
- ALL LIGHTING FIXTURES, AND SWITCHES SHALL BE GROUNDED BY MEANS OF A GREEN INSULATED GROUNDING CONDUCTOR RUN WITH THE LINE/PHASE CONDUCTORS FROM THE PANEL GROUND BUS TO THE FIXTURES, AND SWITCHES. THE GROUNDING CONDUCTOR SHALL BE THE SAME SIZE AS THE CIRCUIT LINE/PHASE CONDUCTORS.
- ALL WORK AND MATERIALS SHALL BE NEW, U.L. LISTED AND IN ACCORDANCE WITH THE LATEST REVISION OF THE NATIONAL ELECTRICAL CODE.
- IT IS NOT THE INTENTION OF THESE DRAWINGS THAT EVERY FITTING, SUPPORT, WIRE OR DEVICE BE SHOWN. ALL SUCH ITEMS SHALL BE FURNISHED AND INSTALLED AS NECESSARY FOR A COMPLETE ELECTRICAL SYSTEM CONFORMING TO THE LATEST APPLICABLE LOCAL CODES AND THE NATIONAL ELECTRICAL CODE.
- USE OF MANUFACTURER AND CATALOG NUMBERS ARE INTENDED TO CONVEY QUALITY AND TYPE OF MATERIAL REQUIRED. ALL MATERIAL IS SPECIFIED "OR APPROVED EQUAL" UNLESS NOTED. ALTERNATES MAY BE USED IF APPROVED BY ENGINEER.
- CONDUITS SHALL BE SIZED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC). THE EXACT CONDUIT ROUTING AND ARRANGEMENT WITHIN CONDUIT GROUPS SHALL BE DETERMINED BY THE ELECTRICAL CONTRACTOR. THE SUPPORTS FOR METALLIC CONDUIT ARE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR, AT INTERVALS NOT TO EXCEED 10'-0".
- THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ADDITIONAL PULL POINTS (PULL SLEEVES, WIREWAYS OR PULL BOXES) WHERE REQUIRED TO LIMIT THE NUMBER OF 90 DEGREE BENDS TO THE REQUIREMENTS OF THE NEC. PULL BOXES SHALL BE FURNISHED BY THE ELECTRICAL CONTRACTOR AND SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH NEC.
- MOUNTING HEIGHTS OF LIGHTING FIXTURES SHALL BE THE DISTANCE BETWEEN THE FINISHED GRADE AND THE BOTTOM OF THE FIXTURE.
- ALL MOUNTING HARDWARE SHALL BE GALVANIZED OR STAINLESS STEEL INCLUDING NUTS, AND BOLTS.
- UPON COMPLETION OF LIGHTING SYSTEM, THE OWNER WILL PROVIDE A SURVEY OF THE SITE TO VERIFY ADEQUATE LIGHTING FOR GENERAL MAINTENANCE AND SAFETY REQUIREMENTS. ADJUST OR ADD LIGHTING AS NECESSARY.

AREA LIGHT FIXTURE POLE MOUNTED DETAILLIGHTING FIXTURE SCHEDULE

LABEL	QTY	POLE MOUNTING HEIGHT	MANUFACTURER	CATALOG	DESCRIPTION	LAMP OUTPUT (LUMENS)	WATTS
A	9	20FT	LITHONIA LIGHTING	DSX0-LED-P1-30K-70CRI-T1S-HS	D-SERIES SIZE 0 AREA LUMINAIRE P1 PERFORMANCE PACKAGE 3000K CCT 70 CRI TYPE 1 SHORT HOUSESIDE SHIELD	4507	33
B	37	20FT	LITHONIA LIGHTING	DSX1-LED-P1-30K-70CRI-T1S-HS	D-SERIES SIZE 1 AREA LUMINAIRE P1 PERFORMANCE PACKAGE 3000K CCT 70 CRI TYPE 1 SHORT HOUSESIDE SHIELD	7143	51

NOTES

- LIGHTING WILL COMPLY WITH DARK SKY REQUIREMENTS. THIS INCLUDES UTILIZING SHIELDING SO NO LIGHT IS EMITTED ABOVE THE HORIZONTAL PLANE. LIGHTS SHOULD BE 3000K OR WARMER. USE TIMERS AND PHOTOCELLS SO LIGHTS ARE ONLY ON WHEN NEEDED.
- ALL CONDUIT FITTINGS AND BOX CONNECTIONS SHALL BE WEATHERPROOF.



## NOTES

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## LEGEND

A LITHONIA LIGHTING DSX0-LED-P1-30K-70CRI-T1S-HS  
 B LITHONIA LIGHTING DSX1-LED-P1-30K-70CRI-T1S-HS

THIS DRAWING WAS PREPARED BY POWER  
 ENGINEERS, INC. FOR A SPECIFIC PROJECT.  
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 AND UNIQUE REQUIREMENTS OF THE PROJECT.  
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**PRELIMINARY**

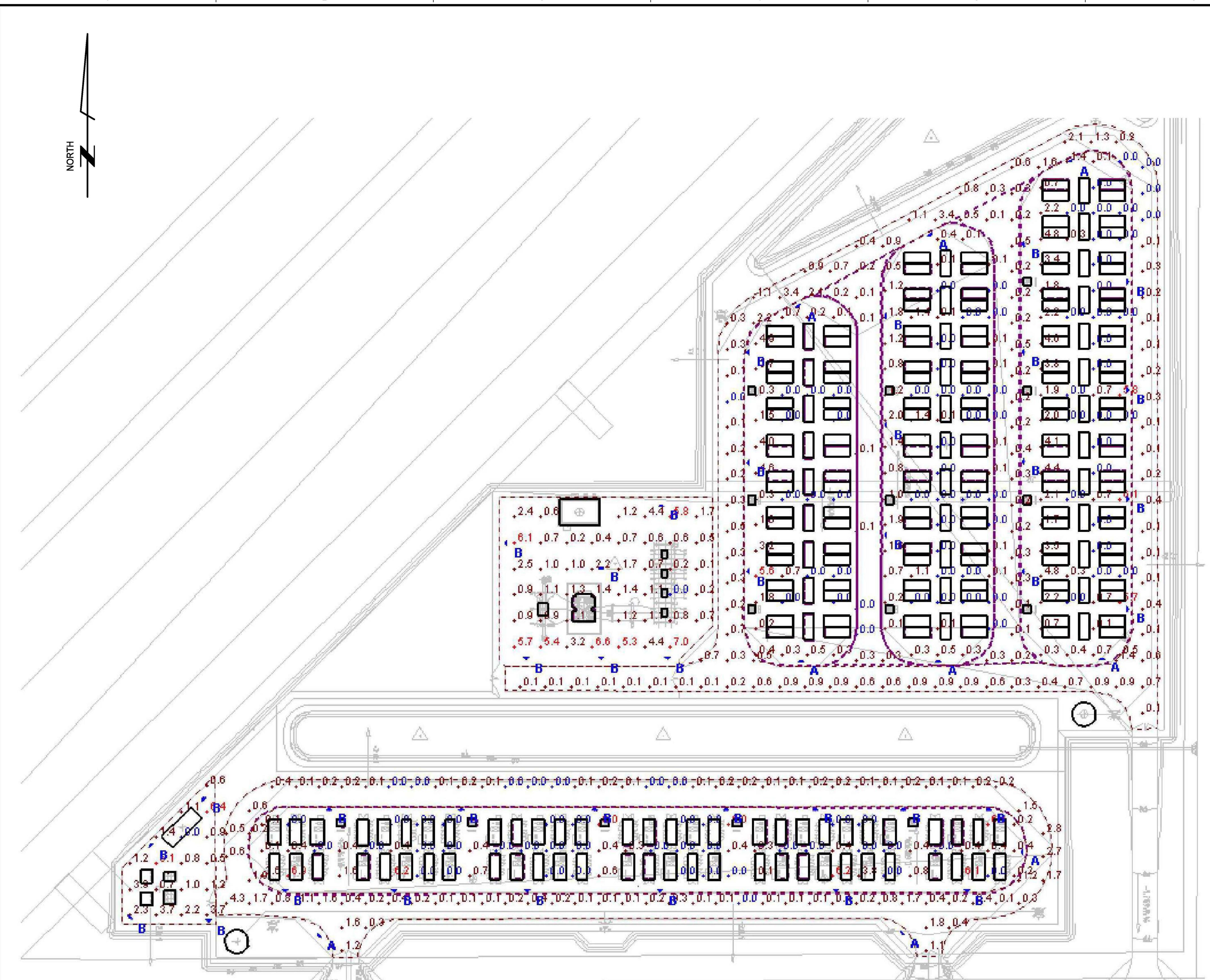
NOT FOR CONSTRUCTION

REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD
B	FOR PERMIT REVIEW	07/01/2025	SLM	CSM	TWH	TWH
A	FOR PERMIT REVIEW	04/04/2025	SLM	CSM	TWH	TWH

DSGN	CSM	APR 2025
DRN	SLM	APR 2025
CKD	TWH	APR 2025
SCALE: 1" = 80'-0"		FOR 22x34 DWG ONLY

**POWER  
ENGINEERS**

MIDDLE RIVER POWER	JOB NUMBER	REV
VACA ARGES POWER CENTER	0256726	B
BESS ELECTRICAL SITE LIGHTING LIGHTING PLAN	E18-00-01	



### NOTES

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STATISTICS			
DESCRIPTION	AVERAGE	MAXIMUM	MINIMUM
NORTH ROADWAY	0.5 fc	3.4 fc	0.0 fc
SOUTH BESS AREA	0.9 fc	6.9 fc	0.0 fc
SOUTH ROADWAY	0.5 fc	4.3 fc	0.0 fc
SUBSTATION AREA	2.0 fc	7.0 fc	0.0 fc
SWITCHGEAR AREA	2.0 fc	6.4 fc	0.0 fc
NORTH BATTERY / PCS AREA	0.9 fc	6.1 fc	0.0 fc