

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

Appendix N

Lighting Plan

1. VERIFY UNDERGROUND UTILITIES, PIPING AND DUCTBANKS PRIOR TO TRENCHING FOR UNDERGROUND INSTALLATION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL COORDINATION OF LIGHTING FIXTURE LOCATIONS AND FOR RELOCATION OF FIXTURE WHERE NECESSARY TO AVOID INTERFERENCE.
3. INSTALLATION DETAILS, WHEN SHOWN, ARE GENERAL IN NATURE AND SHALL BE ADAPTED TO SATISFY FIELD CONDITIONS.
4. GRAPHICAL REPRESENTATIONS ON THE LIGHTING DETAILS ARE GENERAL IN NATURE AND MAY NOT ACCURATELY DEPICT THE EQUIPMENT OR THE MANUFACTURER LISTED.
5. 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.
6. ALL WORK AND MATERIALS SHALL BE NEW, U.L. LISTED AND IN ACCORDANCE WITH THE LATEST REVISION OF THE NATIONAL ELECTRICAL CODE.
7. 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.
8. 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.
9. 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".
10. 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.
11. MOUNTING HEIGHTS OF LIGHTING FIXTURES SHALL BE THE DISTANCE BETWEEN THE FINISHED GRADE AND THE BOTTOM OF THE FIXTURE.
12. ALL MOUNTING HARDWARE SHALL BE GALVANIZED OR STAINLESS STEEL INCLUDING NUTS, AND BOLTS.
13. 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.

1. 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.
2. ALL CONDUIT FITTINGS AND BOX CONNECTIONS SHALL BE WEATHERPROOF.



LIGHTING 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

E18-00-00 BESS ELECTRICAL SITE LIGHTING - NOTES AND SCHEDULE.DWG

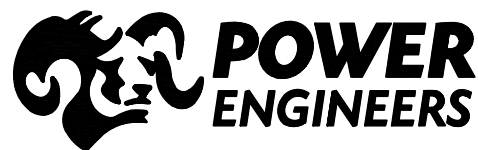
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PRELIMINARY

NOT FOR CONSTRUCTION

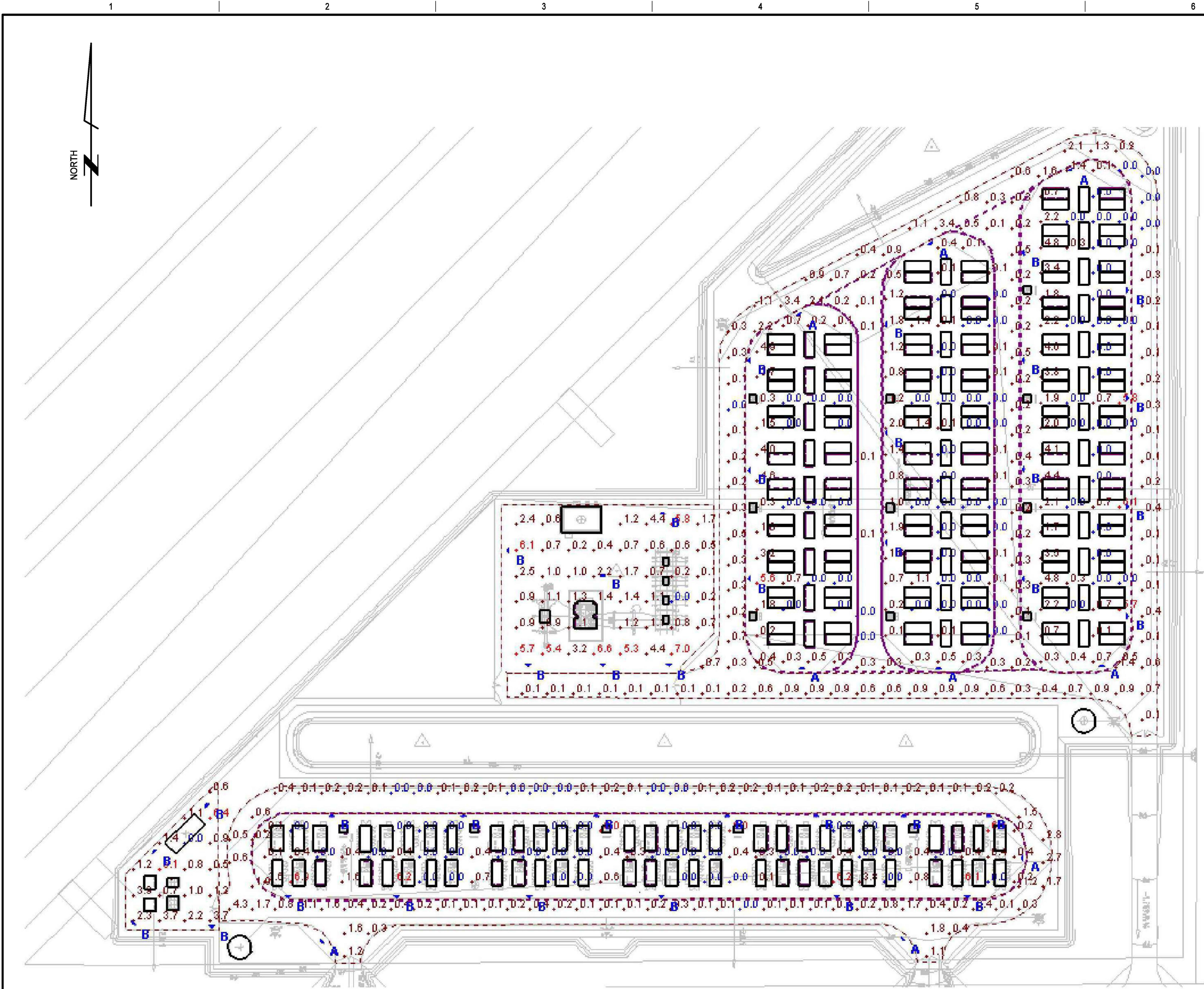
B	FOR PERMIT REVIEW	07/01/2025	SLM	CSM	TWH	TWH			
A	FOR PERMIT REVIEW	04/04/2025	SLM	CSM	TWH	TWH			
REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD			REFERENCE DRAWINGS

DSGN	CSM	APR 2025
DRN	SLM	APR 2025
CKD	TWH	APR 2025
SCALE:		NONE



MIDDLE RIVER POWER	JOB NUMBER	REV
VACA ARGES POWER CENTER	0256726	
BESS ELECTRICAL SITE LIGHTING NOTES AND SCHEDULE	DRAWING NUMBER E18-00-00	

E18-00-02 BESS ELECTRICAL SITE LIGHTING - LIGHTING STATISTICS.DWG



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

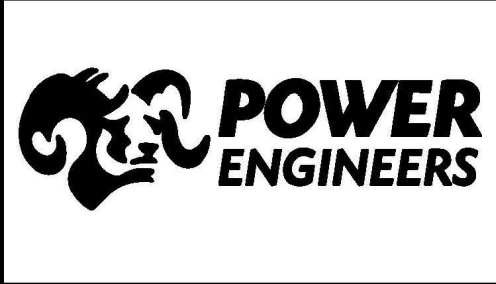
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DSGN	CSM	APR 2025
DRN	SLM	APR 2025
CKD	TWH	APR 2025
SCALE:	NONE	



MIDDLE RIVER POWER	JOB NUMBER	REV
VACA ARGES POWER CENTER	0256726	B
BESS ELECTRICAL SITE LIGHTING LIGHTING STATISTICS	DRAWING NUMBER	
	E18-00-02	