



SYMBOL	DESCRIPTION
---	PROPOSED CALCULATION AREA
---	PROPOSED ISOMETRIC LINE
A (XX')	PROPOSED LIGHTING FIXTURE (MOUNTING HEIGHT)
+XX	PROPOSED LIGHTING INTENSITY (FOOTCANDLES)
■	PROPOSED AREA LIGHT
■	PROPOSED BUILDING MOUNTED LIGHT

PROPOSED LUMINAIRE SCHEDULE							
SYMBOL	LABEL	QUANTITY	SECURITY LIGHTING	DISTRIBUTION	LLF	MANUFACTURER	IES FILE
■	A	30	CREE EDGE SERIES 100 LED AREA WITH BACKSHIELD	4MB	0.9	CREE	ARE-EDG-4MB-10-E-UL-525-40K-IES
■	B	18	CREE EDGE SERIES 100 LED DOUBLE AREA LIGHT	4M	0.9	CREE	ARE-EDG-4M-10-E-UL-525-40K-IES
■	C	12	CREE EDGE SERIES 100 LED AREA LIGHT	4M	0.9	CREE	ARE-EDG-4M-10-E-UL-525-40K-IES
■	D	38	CREE EDGE WALL MOUNT LIGHT - 4M - 60 - LEDS - 700mA - 40K	4M	0.90	CREE LIGHTING	ITL78793_SEC-EDG-4M-xx-06-E-UL-700-40K-IES
■	D	19	OLD TOWN A850 - 175 WATT METAL HALIDE STREET LIGHT	A850	0.72	STERNBERG LIGHTING	A850-175MH.IES
■	E	8	CREE 304 SERIES CANOPY LIGHT - 60 LED CANOPY LIGHT	5M	0.9	CREE	CAN-304-5M-06-E-UL-525-40K

- GENERAL LIGHTING NOTES**
- THE LIGHTING LEVELS DEPICTED WITHIN THE PLAN SET ARE CALCULATED UTILIZING DATA OBTAINED FROM THE LISTED MANUFACTURER. ACTUAL ILLUMINATION LEVELS AND PERFORMANCE OF ANY PROPOSED LIGHTING FIXTURE MAY VARY DUE TO UNCONTROLLABLE VARIABLES SUCH AS WEATHER, VOLTAGE SUPPLY, LAMP TOLERANCE, EQUIPMENT SERVICE LIFE AND OTHER VARIABLE FIELD CONDITIONS.
  - WHERE APPLICABLE, THE EXISTING LIGHT LEVELS DEPICTED WITHIN THE PLAN SET SHALL BE CONSIDERED APPROXIMATE. THE EXISTING LIGHT LEVELS ARE BASED ON FIELD OBSERVATIONS AND THE MANUFACTURER'S DATA OF THE ASSUMED OR MOST SIMILAR LIGHTING FIXTURE MODEL.
  - UNLESS NOTED ELSEWHERE WITHIN THIS PLAN SET, THE LIGHT LOSS FACTORS USED IN THE LIGHTING ANALYSIS ARE AS FOLLOWS:
    - LIGHT EMITTING DIODES (LED): 0.90
    - HIGH PRESSURE SODIUM: 0.72
    - METAL HALIDE: 0.72
  - THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC, IN WRITING, PRIOR TO THE START OF CONSTRUCTION, OF ANY PROPOSED LIGHTING LOCATIONS THAT CONFLICT WITH EXISTING/ PROPOSED DRAINAGE, UTILITY, OR OTHER IMPROVEMENTS.
  - THE CONTRACTOR IS RESPONSIBLE TO PREPARE A WIRING PLAN AND PROVIDE ELECTRIC SERVICE TO ALL PROPOSED LIGHTING FIXTURES. THE CONTRACTOR IS REQUIRED TO PREPARE AN AS-BUILT PLAN OF WIRING AND PROVIDE COPIES TO THE OWNER AND STONEFIELD ENGINEERING & DESIGN, LLC.
  - WALL LIGHT LOCATIONS AND TYPES ARE STANDARD AND WILL BE CONFIRMED UPON FINAL ARCHITECTURAL PLANS.

REVISED PER MUNICIPAL COMMENTS	REVISED PER NJDEP COMMENTS	TOWNSHIP SUBMISSION	COUNTY SUBMISSION	FIRST SUBMISSION	ISSUE	DATE	BY	DESCRIPTION
					PC			
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					PC			

**NOT APPROVED FOR CONSTRUCTION**

**STONEFIELD**  
engineering & design

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**PRELIMINARY & FINAL MAJOR SITE PLANS**

**M&M NEPTUNE, LLC**

**PROP IMPROVEMENTS**

BLOCK 701, LOT 1 (TAX MAP SHEET 7)  
704 N.J. ROUTE 35  
TOWNSHIP OF NEPTUNE  
MONMOUTH COUNTY, NEW JERSEY

JEFFREY A. MARTELL, P.E.  
NEW JERSEY LICENSE No. 47290  
LICENSED PROFESSIONAL ENGINEER

**STONEFIELD**  
engineering & design

SCALE: 1" = 40' PROJECT ID: PRI-200142

TITLE:  
**LIGHTING PLAN**

DRAWING:  
**C-9**

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