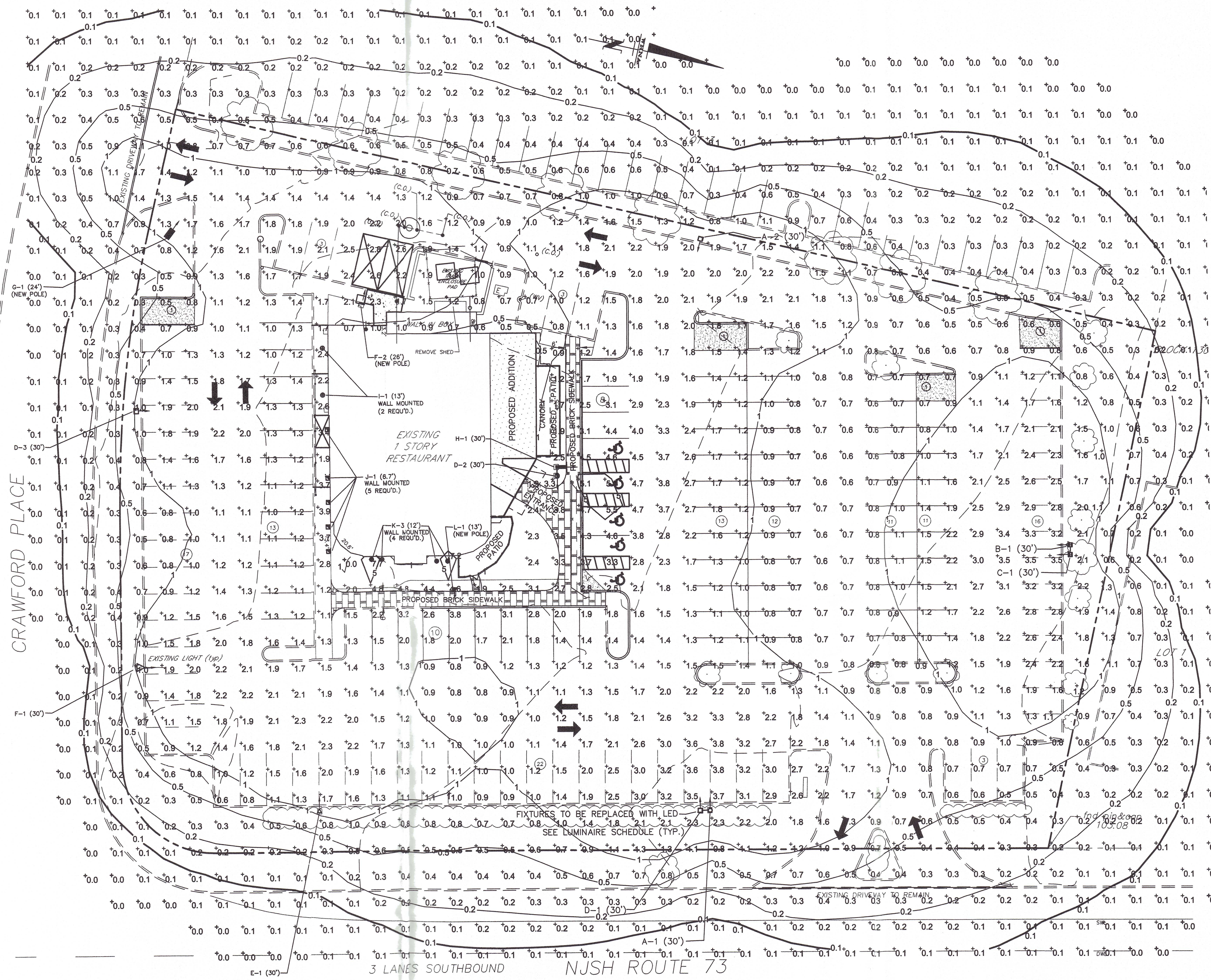
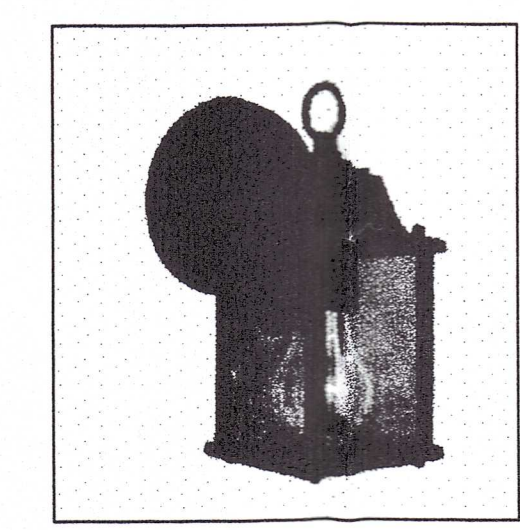
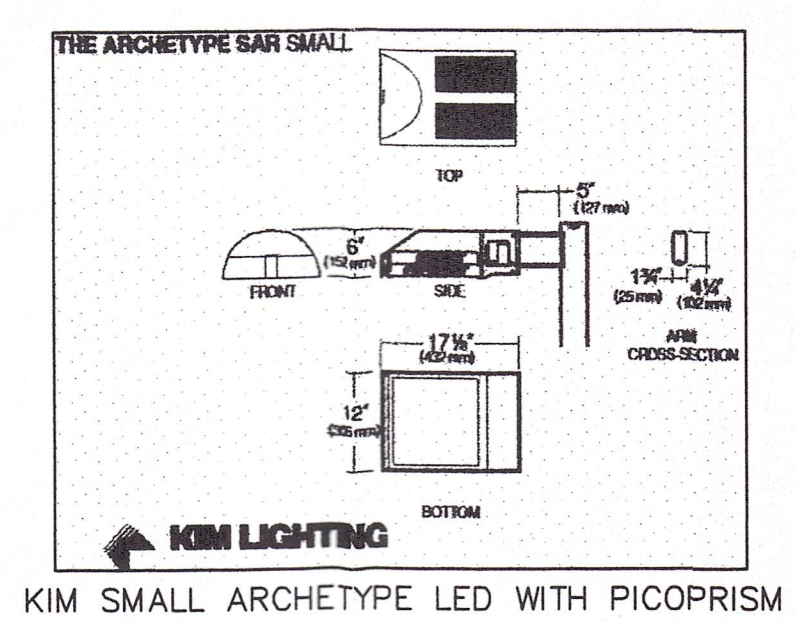
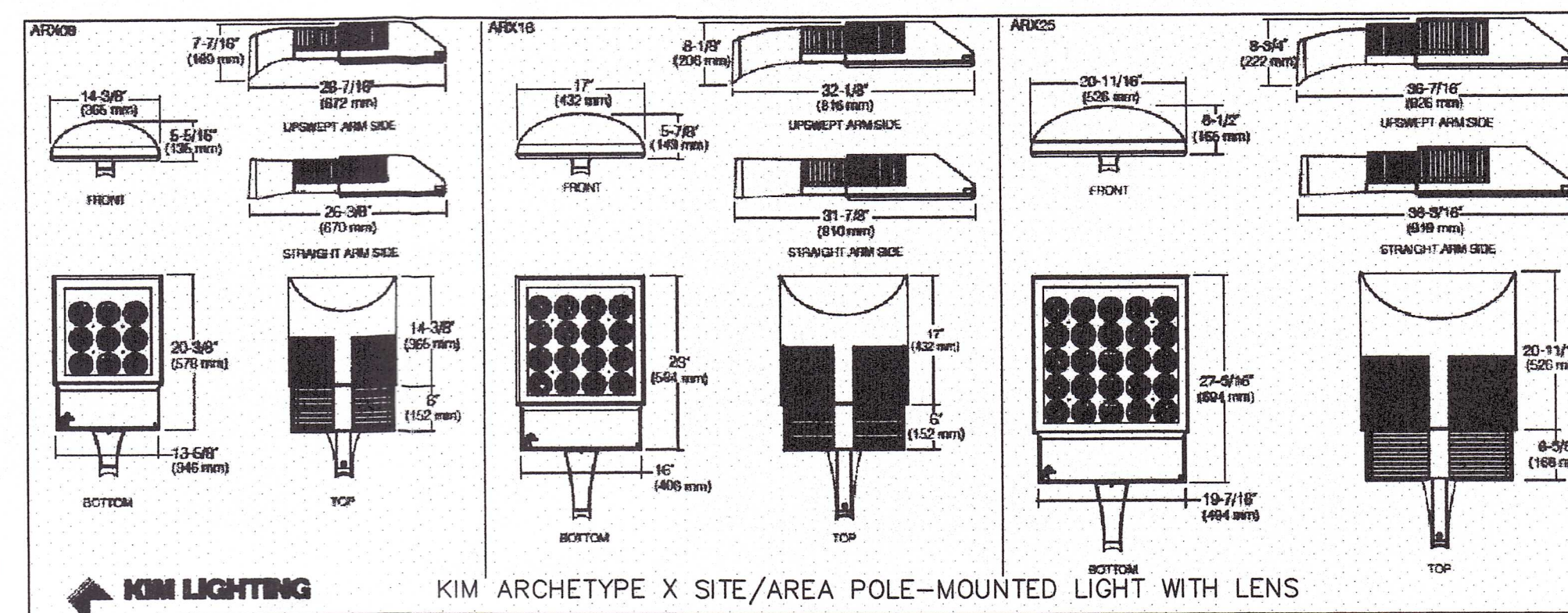




LUMINAIRE SCHEDULE:						
LABEL	SYMBOL	ARRANGEMENT	QTY.	HT.	DESCRIPTION/MODEL ALL WITH LENS, 4000K	WATTS
A-1		TWO ON ONE POLE	1	30'	KIM ARX16D*-6L4K-60	210.9
D-1		ONE POLE	1	30'	KIM ARX16D4-4K35-FGL	211.2
A-2		SINGLE	1	30'	KIM ARX16D*-6L4K-60	210.9
B-1		TWO ON ONE POLE	1	30'	KIM ARX25-6L4K-50	329.5
C-1		ONE POLE	1	30'	KIM ARX16D*-6L4K-60	210.9
H-1		TWO ON ONE POLE	1	30'	KIM ARX25D4-4K50-FGL	235.8
D-2		ONE POLE	1	30'	KIM ARX16D4-4K35-FGL	211.2
D-3		SINGLE	1	30'	KIM ARX16D4-4K35-FGL	211.2
E-1		SINGLE	1	30'	KIM ARX16D*-6L4K-35	210.9
F-1		SINGLE	1	30'	KIM ARX16D*-6L4K-40	210.9
F-2		SINGLE	1	26'	KIM ARX16D*-6L4K-40	210.9
G-1		SINGLE	1	24'	KIM ARX09-4K-35	118.6
I-1		SINGLE	2	13.1'	RAB GNLED13NRTB (GOOSENECK LIGHT)	15.2
J-1		SINGLE	5	6.7'	KICHLER BARRIER TANNERY BRONZE 97947ZL REPLACE BULB W 12W A19 LED 4000K, SUCH AS TCP L12A19D2541K OR APPROVED EQUIV.	44.6
K-3		SINGLE	4	12'	GNLED26NRTB/FLOOD REF/ FROSTED LENS (GOOSENECK LIGHT)	28.5
L-1		SINGLE	1	13'	KIM SAR 2P35-40L-4K	44.6

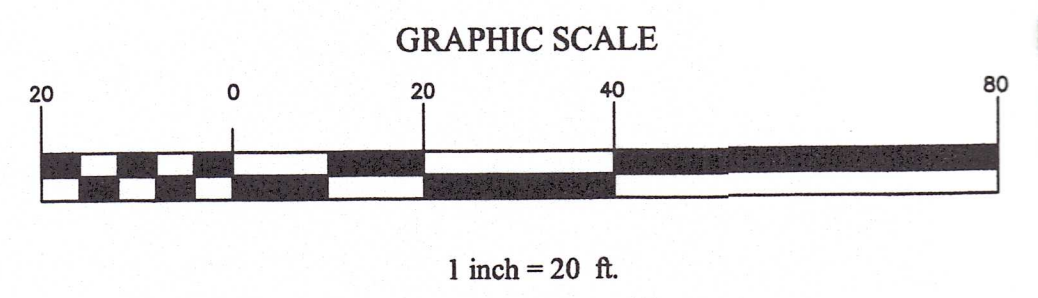
- NOTES:
- RETROFIT NEW LED FIXTURES ON EXISTING POLES, UNLESS OTHERWISE NOTED ON PLAN.
 - ALL LED FIXTURES AT 4000K COLOR TEMPERATURE.
 - ARX16D2, D3, & D4 DENOTE DISTRIBUTION PATTERNS II, III, & IV RESPECTIVELY.
 - ARX16D* DENOTES CUSTOM DISTRIBUTION PATTERN SET AT FACTORY. LIGHTING CONTRACTOR MUST CONTACT WILLIAM H. NICHOLSON ASSOCIATES, P.A. PRIOR TO ORDERING KIM LIGHT FIXTURES MARKED WITH AN ASTERISK (ABOVE) TO INSURE LIGHT PHOTOMETRIC PATTERNS ARE PROPERLY SET AT THE FACTORY.
 - PHOTOMETRIC PATTERN IS BASED ON LIGHTS MOUNTED AT INDICATED HEIGHTS.



KICHLER LIGHTING TANNERY BRONZE LED LANTERN 97947ZL15
Height 8.5"
Width 4.75"
Depth 5.75"

9-14-17 by Mount Laurel Township. This plan must be stamped in strict compliance with Resolution R-2917-17
Richard A. Alaimo Associates
Consulting Engineers
Mount Holly, New Jersey
8-31-18

- CONSTRUCTION NOTES:
- ALL NEW UTILITY LINES SHALL BE INSTALLED UNDERGROUND.
 - ALL PARKING SPACES SHALL BE DELINEATED BY 4" WIDE WHITE STRIPING.
 - ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL COMPLY WITH THE N.J. D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND ALL AGENDA THERE TO, AND BURLINGTON COUNTY ENGINEERING DEPARTMENT SUPPLEMENTAL SPECS.
 - ALL PROPOSED SITE CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 P.S.I.
 - NO TOPSOIL SHALL BE REMOVED FROM THE SITE WITHOUT TOWNSHIP APPROVAL.



LIGHTING STATISTICS		
CALCULATION ZONE #1	CALCULATION ZONE #2	CALCULATION ZONE #3:
ENTIRE AREA SHOWN IN FOOTCANDLES	PARKING AREAS	SIDEWALKS
Average 0.9 fc	Average 1.6 fc	Average 2.6 fc
Maximum 7.7 fc	Maximum 5.5 fc	Maximum 5.5 fc
Minimum 0.0 fc	Minimum 0.5 fc	Minimum 1.0 fc
	Max/Min 11.0:1	Max/Min 5.5:1
	Average/Min 3.2:1	Average/Min 2.6:1

LIGHTING PLAN
BLOCK 1300.09 LOT 2 SHEET 13.07
MOUNT LAUREL TOWNSHIP BURLINGTON COUNTY, N.J.

William H. Nicholson Associates, P.A.
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4 Rancocas Blvd. Rancocas Woods
Mt. Laurel, N.J. 08054
(856) 778-7447 fax: (856) 778-7444 www.whna.com

WILLIAM H. NICHOLSON, P.E.
PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 7887

7/18/18 *W.H.N.*

DRAWN: SGW
CHECKED: WHN
DATE: 3/10/17
FILE NO.: 1223
SCALE: 1"=20'
Dwg. No.: 955
SHEET: 5 OF 6

No.	Date	DESCRIPTION	Drawn / Ck.
5	7/18/18	REVISED THE HEIGHT OF G-1 IN SCHEDULE.	BB/WHN
4	6/18/18	REVISED LIGHT DISTRIBUTION & NOTE.	BB/WHN
3	02/12/18	REVISED PER TOWNSHIP APPROVAL.	BB/WHN
2	7/21/17	REVISED PARKING LAYOUT	KS/WHN
1	6/28/17	REVISED PARKING LAYOUT	KS/WHN
REVISIONS			