



TOWNSHIP of HOPEWELL
MERCER COUNTY

201 WASHINGTON CROSSING – PENNINGTON ROAD
TITUSVILLE, NEW JERSEY 08560-1410

PROJECT / APPLICATION

BLOCK:

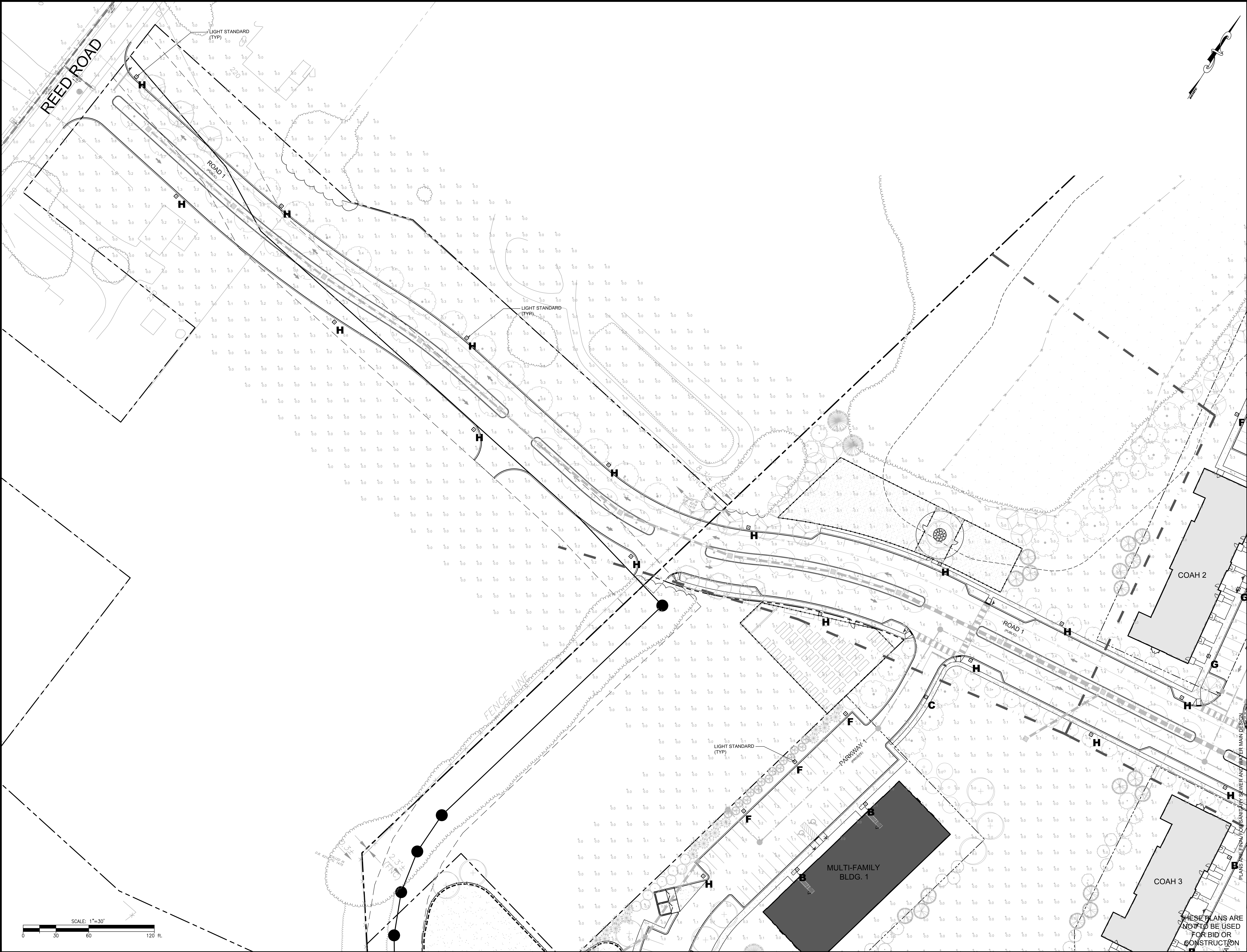
LOT:

ADDRESS:

PROJECT NAME:

PLANS

Part 10 - Lighting Plans



THESE PLANS ARE
NOT TO BE USED
FOR BID OR
CONSTRUCTION

RES: 080601-ALIA BNDT LOI 3 BLK 83-OFDALE.dwg
M-LENNAR-ZAITZ.dwg
R-LAYOUT.dwg
R-GRADING.dwg
R-PLAN.dwg

Y. 080661 - Zoltz Parcel Resident [9]-Hoswell Two 080661-01-002 (ENG) - Lerner-Zoltz Parcel Res-Hoswell Two Engineering/Engineering Plans/SHT-LIGHTING dwo 11/20/20 03:38:07PM, Kirkwood, LAYOUT SHT-11B LIGHTING



R-LAYOUT.dwg
R-GRADING.dwg

SHEET No.
11
OF

PRELIMINARY & FINAL MAJOR SUBDIVISION AND PRELIMINARY & FINAL SITE PLAN

THE COLLECTION at HOPEWELL
LIGHTING PLAN

BLOCK 85, LOT 3; BLOCK 86, LOTS 32-34 & 130; AND PART OF BLOCK 85, LOT 9

Bowman Consulting Group, Ltd.

303 W. Main Street
Freehold, New Jersey 07728
www.bowmanconsulting.com
E-mail: NJ@BowmanConsulting.com

Phone: 732-665-5500
FAX: 732-665-5501
NJ Certificate of Authorization
No. 24GA28222600

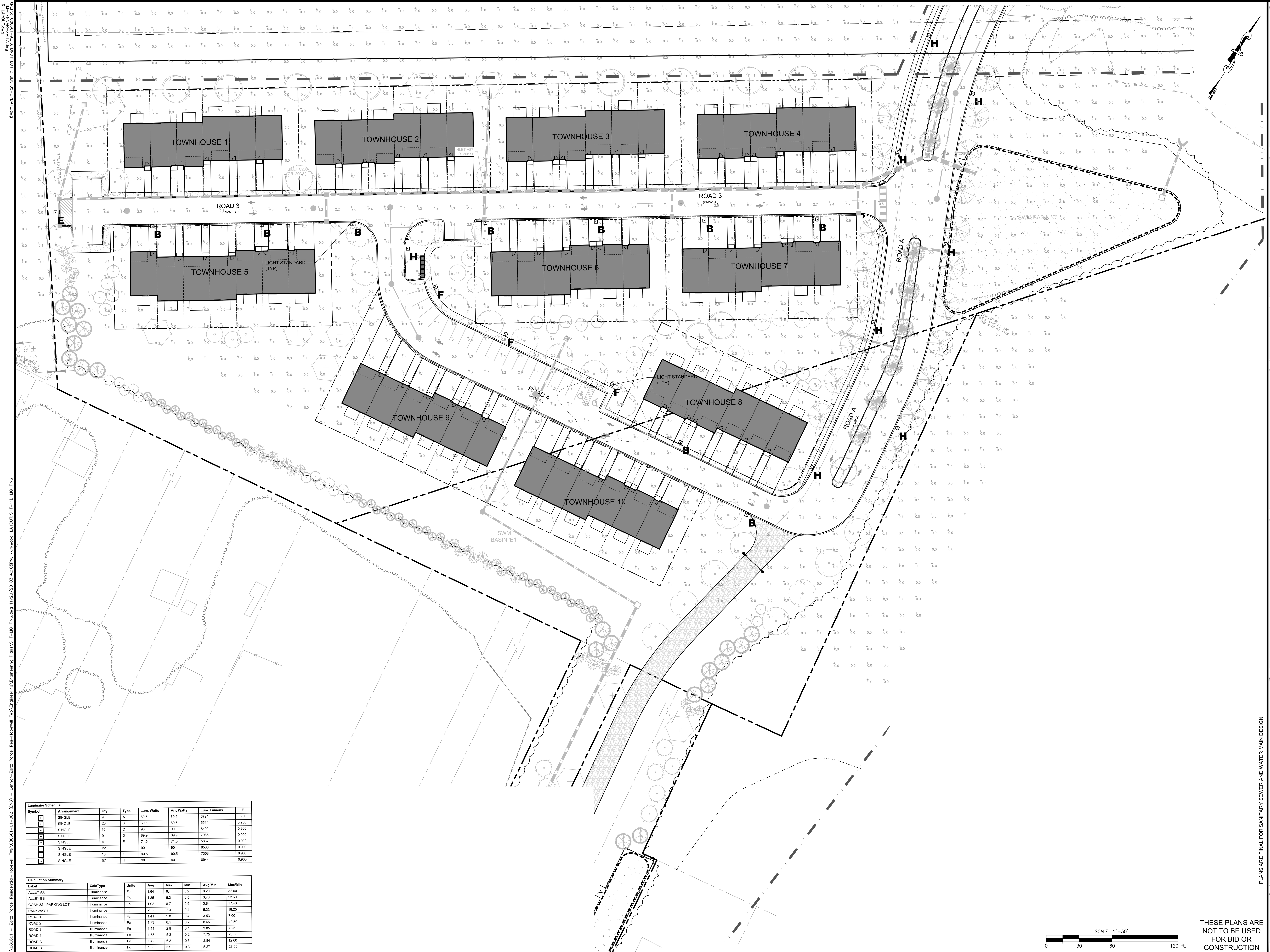
Bowman
CONSULTING

PROJ.: 090661-F1-001
DATE: 11-20-2020
CHKO: SAD

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						PLATE

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Luminaire Schedule							
Symbol	Arrangement	Qty	Type	Lum. Watts	Arr. Watts	Lum. Lumens	LF/F
	SINGLE	9	A	69.5	69.5	0.784	0.900
	SINGLE	9	B	69.5	69.5	0.514	0.900
	SINGLE	10	C	90	90	0.892	0.900
	SINGLE	9	D	69.5	71.9	0.885	0.900
	SINGLE	4	E	75.9	75.9	1.767	0.900
	SINGLE	22	F	90	90	0.688	0.900
	SINGLE	10	G	90.5	90.5	0.738	0.900
	SINGLE	57	H	90	90	0.844	0.900

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALLEY AA	Illuminance	Fc	1.64	6.4	0.2	32.0	32.00
ALLEY BB	Illuminance	Fc	1.65	6.3	0.3	27.0	12.60
COAR 334 PAVING LOT	Illuminance	Fc	1.92	6.7	0.5	13.4	14.70
PARKWAY 1	Illuminance	Fc	2.09	7.3	0.4	5.23	18.25
ROAD 1	Illuminance	Fc	1.41	2.8	0.4	3.53	7.00
ROAD 2	Illuminance	Fc	1.73	8.1	0.2	8.65	40.50
ROAD 3	Illuminance	Fc	1.54	2.9	0.4	3.85	7.25
ROAD 4	Illuminance	Fc	1.65	5.8	0.3	7.15	20.60
ROAD A	Illuminance	Fc	1.42	6.3	0.5	5.24	12.60
ROAD B	Illuminance	Fc	1.58	6.9	0.3	2.87	23.00

PLANS ARE FINAL FOR SANITARY SEWER AND WATER MAIN DESIGN

THE COLLECTION at HOPEWELL LIGHTING PLAN

BLOCK 85, LOT 3; BLOCK 86, LOTS 32-34 & 130; AND PART OF BLOCK 85, LOT 9
TOWNSHIP OF HOPEWELL, MERCER COUNTY, NEW JERSEY

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Phone: 732-663-3500
FAX: 732-665-5501
NJ Certificate of Authorization
No. 24GA2822600

Sen C. Sale

SEAN A. DELANY, N.J. Professional Engineer, Lic. 24GE04447100

PROJ.: 080661-F1-001

DATE: 11-20-2020
CHKD: SAD

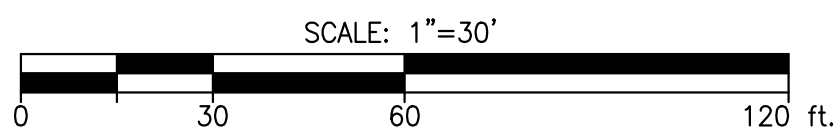
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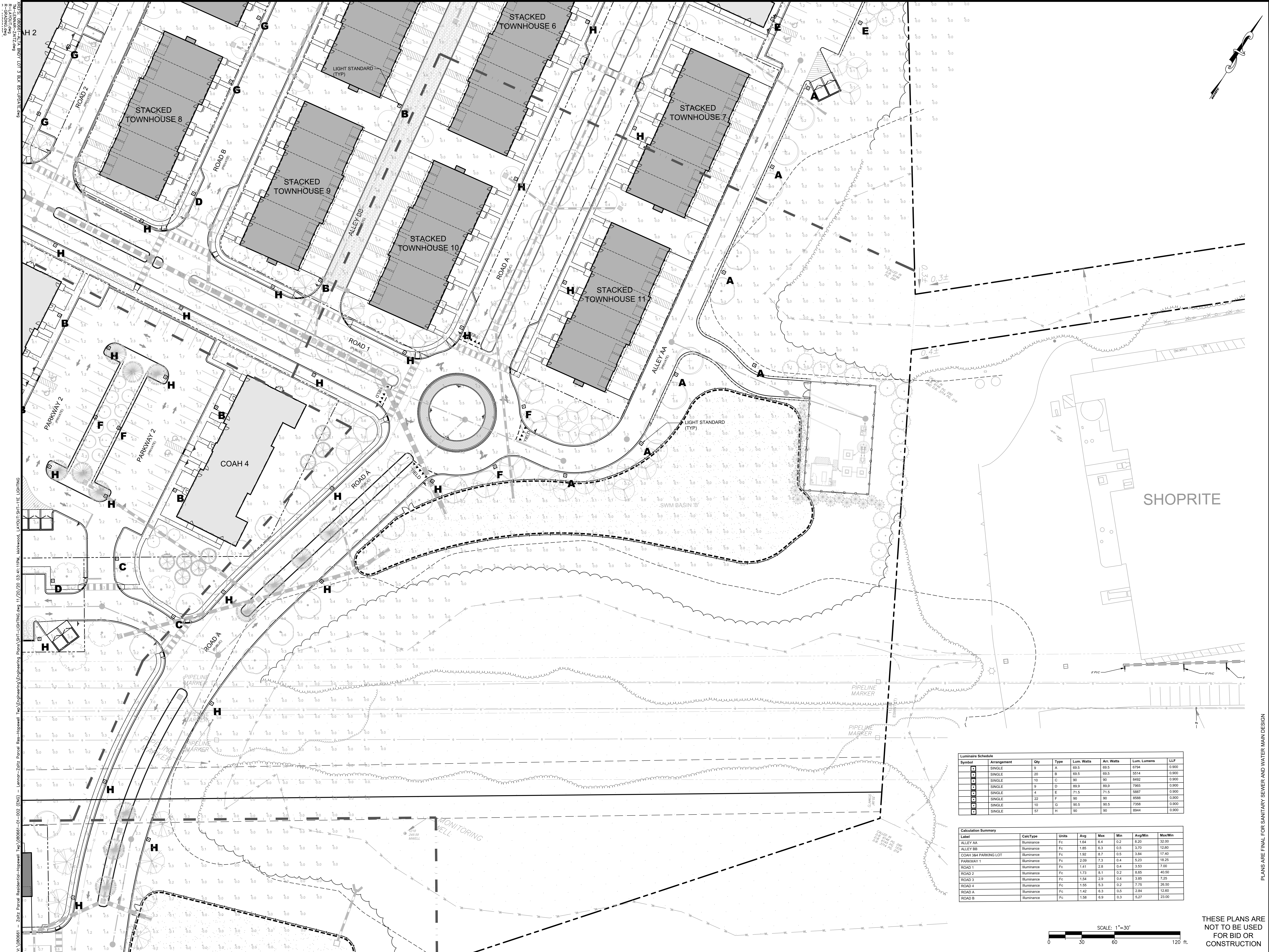


SCALE: 1"=30'

SHEET No.

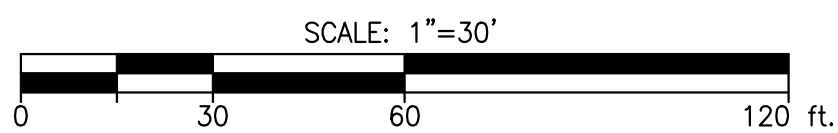
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Luminaire Schedule							
Symbol	Arrangement	Qty	Type	Lum. Watts	Arr. Watts	Lum. Lumens	LLF
A	SINGLE	9	A	69.5	69.5	6794	0.900
B	SINGLE	20	B	69.5	69.5	5514	0.900
C	SINGLE	10	C	90	90	8492	0.900
D	SINGLE	9	D	89.9	89.9	7965	0.900
E	SINGLE	4	E	71.5	71.5	5887	0.900
F	SINGLE	22	F	90	90	8588	0.900
G	SINGLE	10	G	90.5	90.5	7358	0.900
H	SINGLE	57	H	90	90	8844	0.900

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALLEY AA	Illuminance	Fc	1.64	6.4	0.2	8.20	32.00
ALLEY BB	Illuminance	Fc	1.88	6.3	0.5	3.70	12.60
COAH 384 PARKING LOT	Illuminance	Fc	1.92	6.7	0.5	3.84	17.40
PARKWAY 1	Illuminance	Fc	2.99	7.3	0.4	5.23	18.25
ROAD 1	Illuminance	Fc	1.41	2.8	0.4	3.53	7.00
ROAD 2	Illuminance	Fc	1.73	6.1	0.2	8.65	40.50
ROAD 3	Illuminance	Fc	1.54	2.9	0.4	3.85	7.25
ROAD 4	Illuminance	Fc	1.55	3.3	0.2	7.75	26.50
ROAD A	Illuminance	Fc	1.42	6.3	0.5	2.84	12.60
ROAD B	Illuminance	Fc	1.58	6.9	0.3	5.27	23.00



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THE COLLECTION at HOPEWELL
LIGHTING PLAN

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NJ Certificate of Professional Engineer No. 24GE0447100

Sean C. Delany
SEAN A. DELANY, N.J. Professional Engineer, Lic. 24GE0447100

Bowman
CONSULTING

PROJECT: 08061-LF-001

DATE: 11-20-2020

CHD: SAD

NO.	DATE	REVISION
1	11/20/2020	ISSUED FOR PERMIT
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