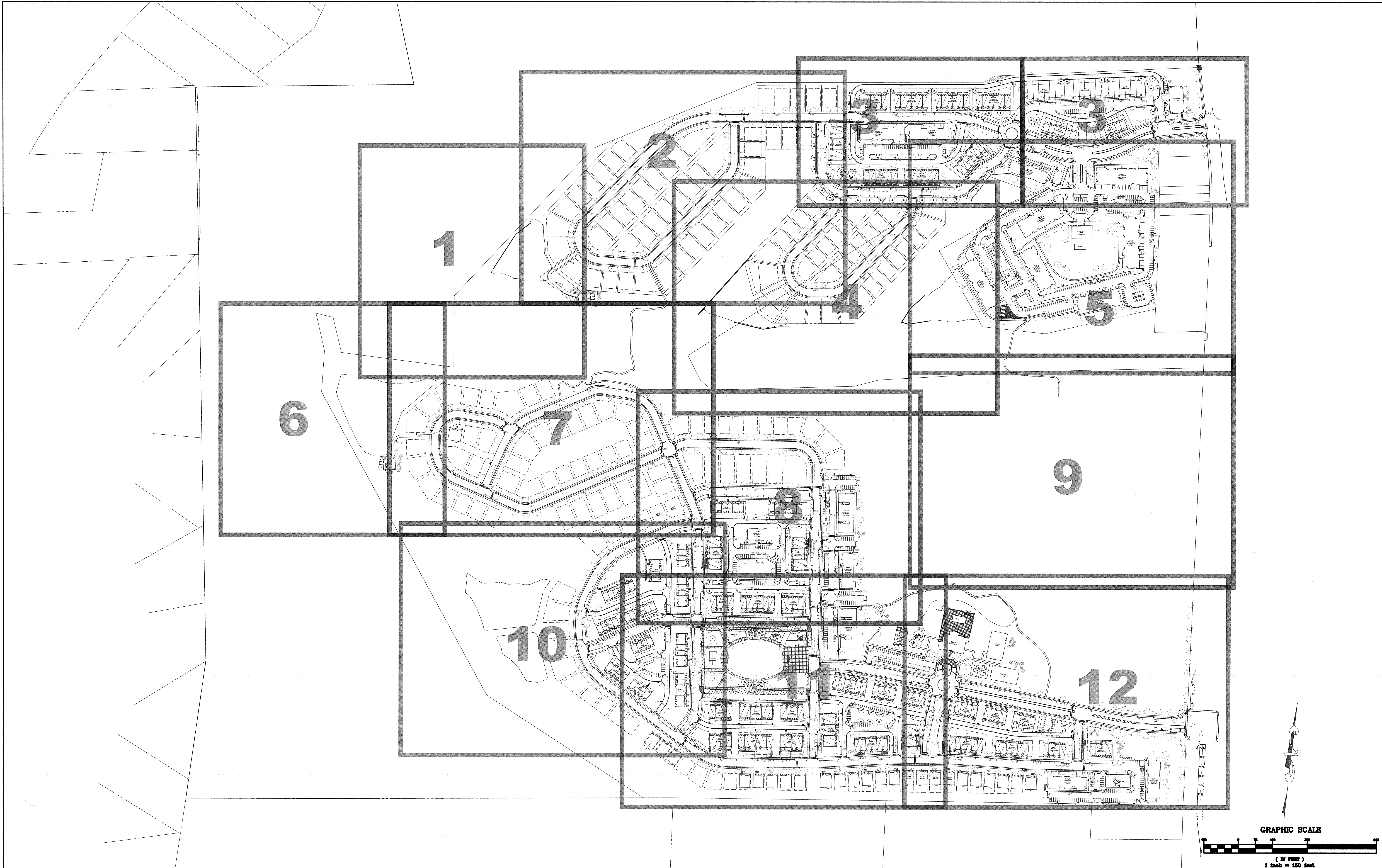




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REV.	DESCRIPTION	DATE	DFT BY	CHK BY

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consulting engineers, planners & land surveyors

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Certificate of Authorization
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OVERALL SITE LIGHTING PLAN

OF

HOPEWELL PARC

SITUATED IN

HOPEWELL TOWNSHIP

SCALE 1"= 150'

DRAWN BY JR

DATE 12/16/20

CHECKED BY CS

DATE 12/16/20

MERCER CO., N.J.

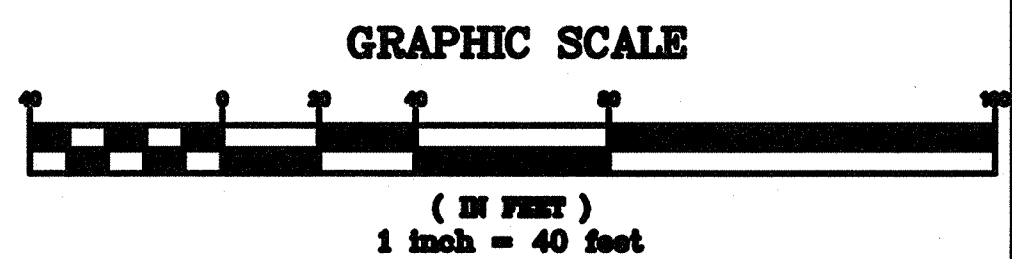
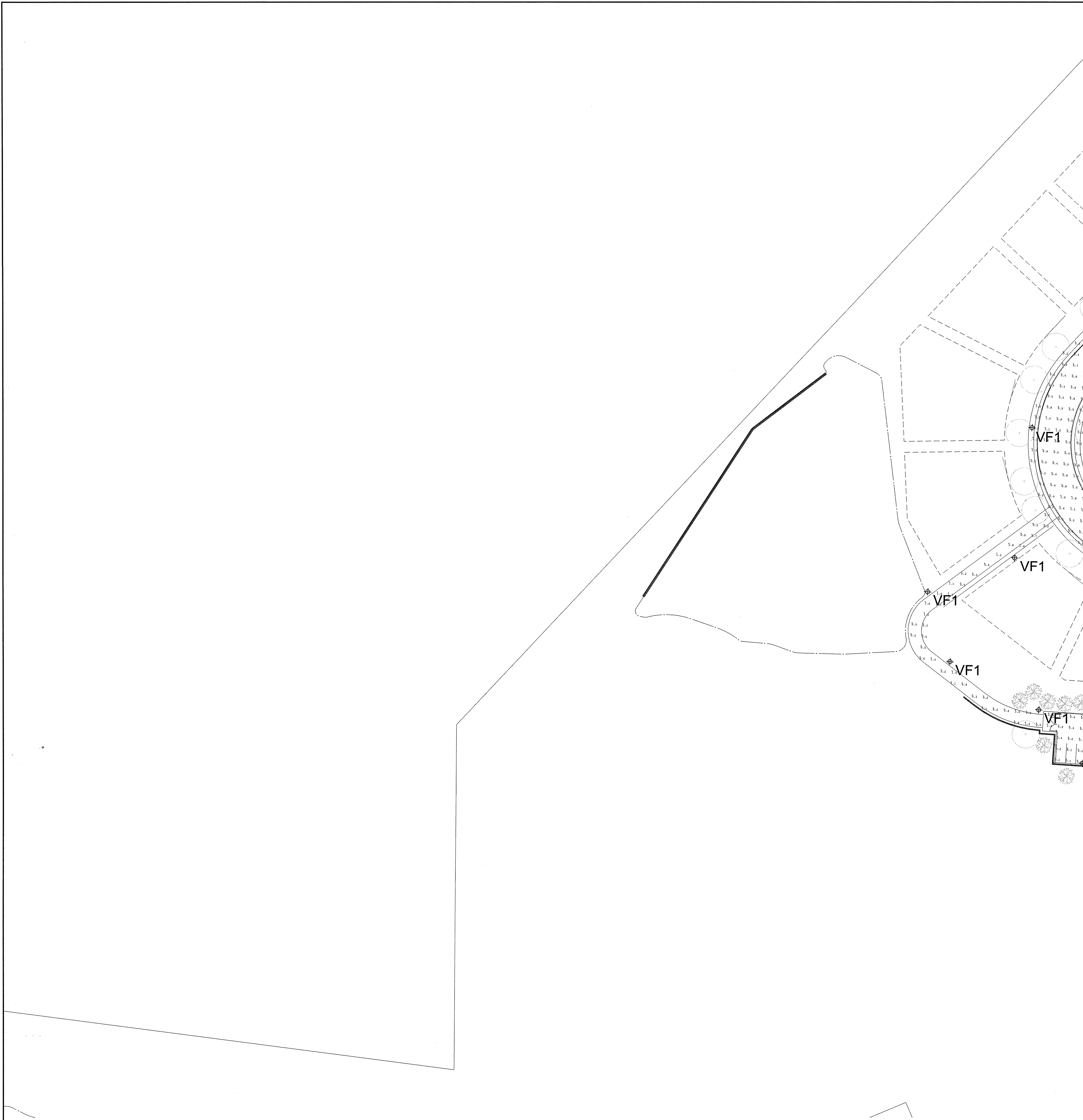
DECEMBER 16, 2020

FILE No. 45051-400-21

SHEET No. 203-A-1

LG1.01





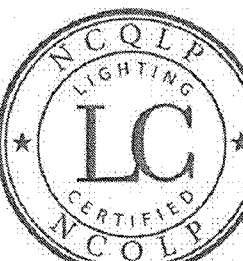
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1. PRELIMINARY/FINAL SITE PLAN SUBMISSION12/16/20JRCS

CHRISTINA SPANGLER
LIGHTING CERTIFIED BY NCQLP
EXPIRATION 12.31.21



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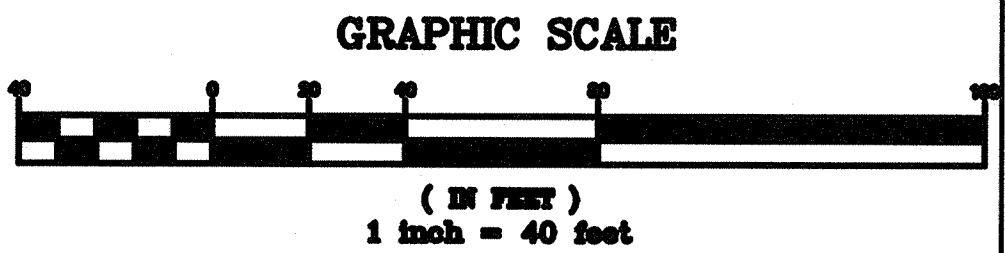


SITE LIGHTING PLAN 1
(MAINTAINED ILLUMINATION LEVELS)
NORTH SECTION
HOPEWELL PARC
SITUATED IN

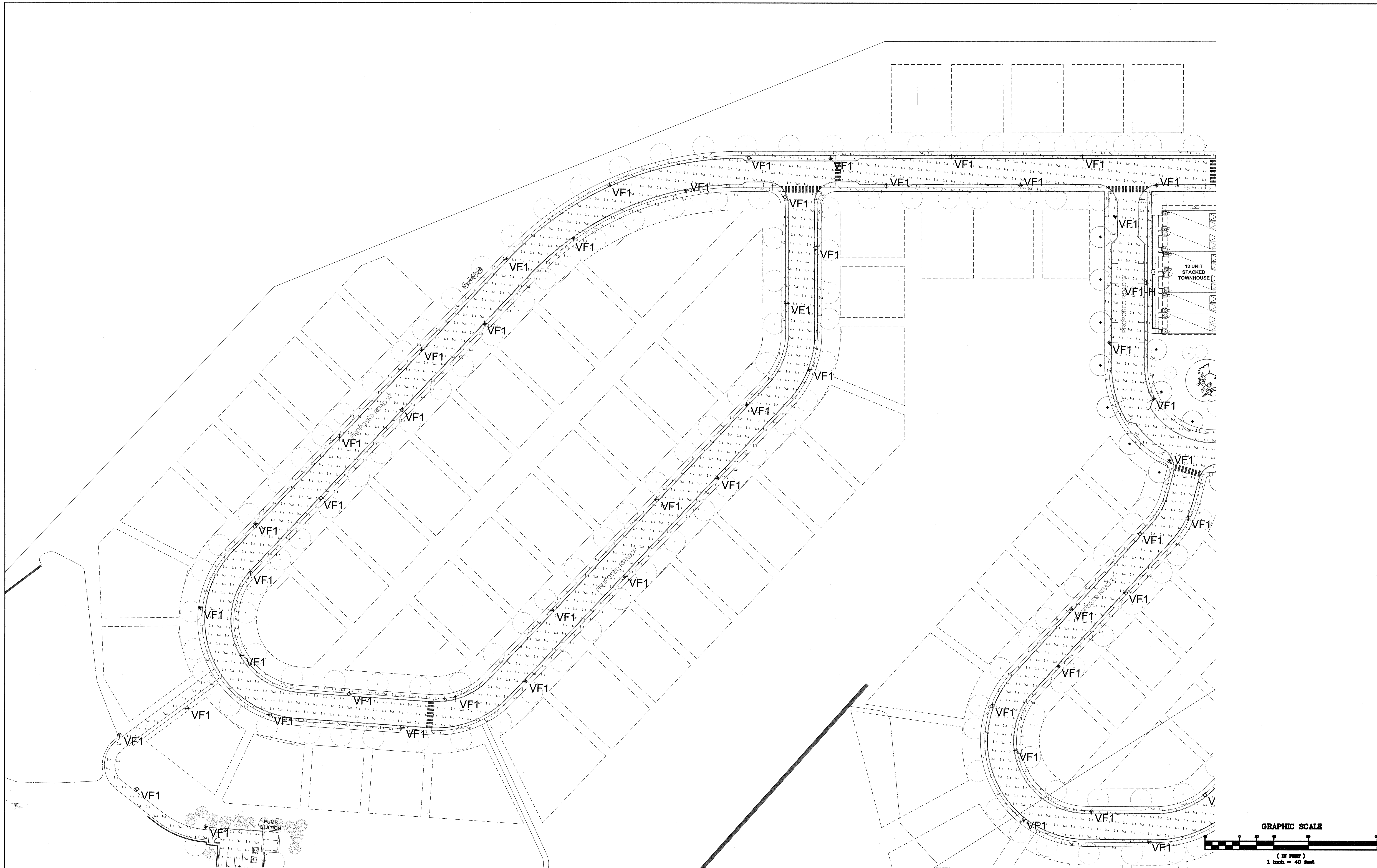
HOPEWELL TOWNSHIP
SCALE 1"= 40'
DRAWN BY JR
DATE 12/16/20
CHECKED BY CS
DATE 12/16/20

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ORDER No. 45051-400-21
FILE No. 203-A-1
SHEET No. LG2.01

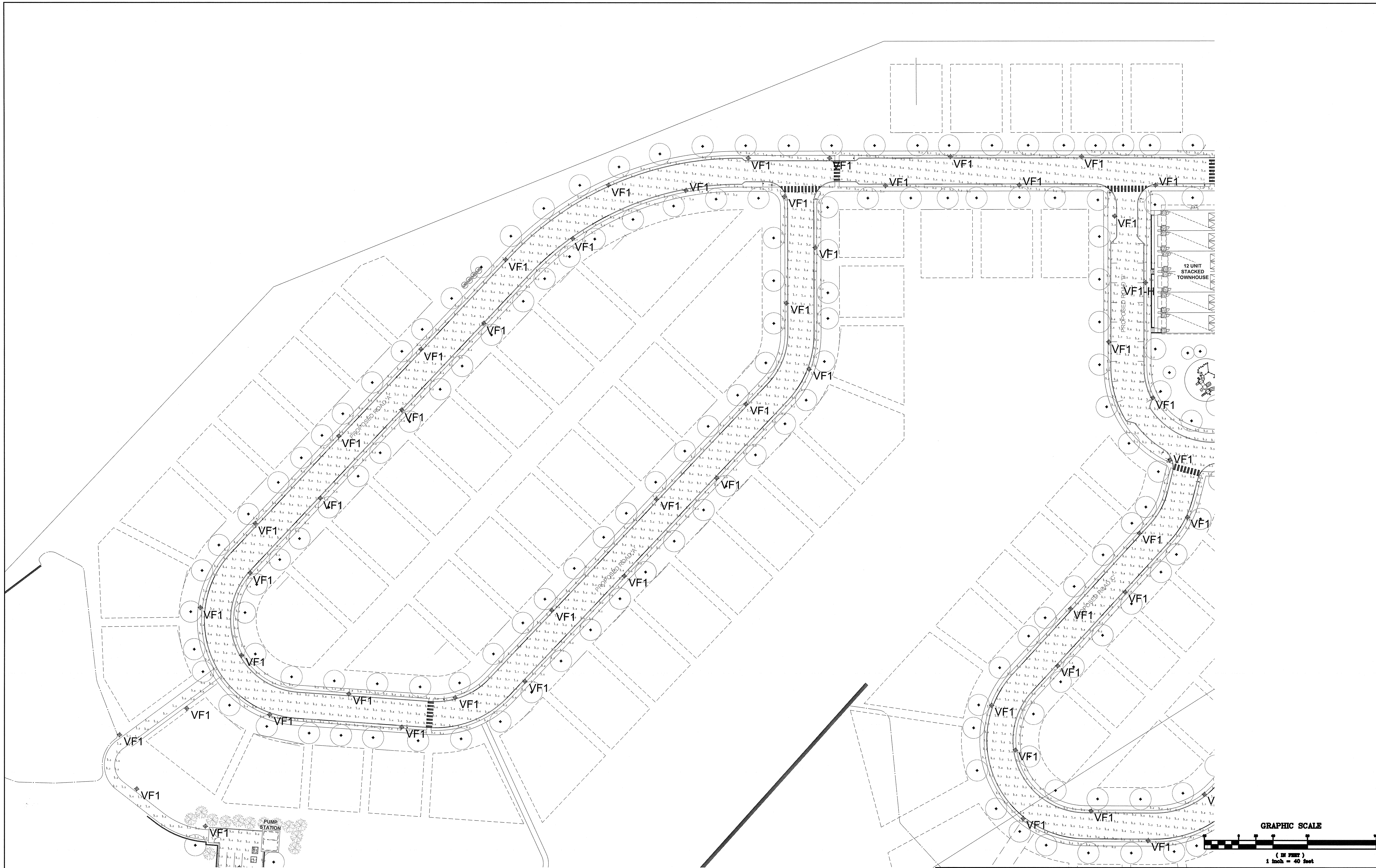
MERCER CO., N.J.
DECEMBER 16, 2020



BEAM ILLUMINATING ARCHITECTURE	<table border="1"><tr><td>1.</td><td>PRELIMINARY/FINAL SITE PLAN SUBMISSION</td><td>12/16/20</td><td>JR</td><td>CS</td></tr><tr><td>REV.</td><td>DESCRIPTION</td><td>DATE</td><td>DFT BY</td><td>CHK BY</td></tr></table>				1.	PRELIMINARY/FINAL SITE PLAN SUBMISSION	12/16/20	JR	CS	REV.	DESCRIPTION	DATE	DFT BY	CHK BY	<table border="1"><tr><td colspan="4">van note-harvey associates, inc. consulting engineers, planners & land surveyors 103 College Road East • Princeton, NJ 08540 • 609-987-2323 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-485-2000 www.vannoteharvey.com</td><td rowspan="2"></td></tr><tr><td colspan="4">Certificate of Authorization No. 240A32071300 Since 1984</td></tr></table>				van note-harvey associates, inc. consulting engineers, planners & land surveyors 103 College Road East • Princeton, NJ 08540 • 609-987-2323 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-485-2000 www.vannoteharvey.com					Certificate of Authorization No. 240A32071300 Since 1984						
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Certificate of Authorization No. 240A32071300 Since 1984																														
BEAM, Ltd. 2220 Mount Carmel Avenue Glenside, PA 19038 T. 215.508.0900 www.beam ltd.com	CHRISTINA SPANGLER LIGHTING CERTIFIED BY NCQLP EXPIRATION 12.31.21								<table border="1"><tr><td colspan="4">SITE LIGHTING PLAN 1 (INITIAL ILLUMINATION LEVELS)</td></tr><tr><td colspan="4">OF NORTH SECTION HOPEWELL PARC SITUATED IN</td></tr><tr><td colspan="2">HOPEWELL TOWNSHIP SCALE 1" = 40'</td><td colspan="2">MERCER CO., N.J. DECEMBER 16, 2020</td></tr><tr><td>DRAWN BY JR DATE 12/16/20</td><td>FIELD BK. PAGE</td><td>ORDER No. 45051- 400-21</td><td>FILE No. 203-A-1</td><td colspan="2">SHEET No. LG2.01A</td></tr></table>				SITE LIGHTING PLAN 1 (INITIAL ILLUMINATION LEVELS)				OF NORTH SECTION HOPEWELL PARC SITUATED IN				HOPEWELL TOWNSHIP SCALE 1" = 40'		MERCER CO., N.J. DECEMBER 16, 2020		DRAWN BY JR DATE 12/16/20	FIELD BK. PAGE	ORDER No. 45051- 400-21	FILE No. 203-A-1	SHEET No. LG2.01A	
	SITE LIGHTING PLAN 1 (INITIAL ILLUMINATION LEVELS)																													
OF NORTH SECTION HOPEWELL PARC SITUATED IN																														
HOPEWELL TOWNSHIP SCALE 1" = 40'		MERCER CO., N.J. DECEMBER 16, 2020																												
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	HOPEWELL TOWNSHIP SCALE 1" = 40'		MERCER CO., N.J. DECEMBER 16, 2020		
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REV.	DESCRIPTION	DATE	DFT.BY	CHK.BY

CHRISTINA SPANGLER
LIGHTING CERTIFIED BY NCQLP
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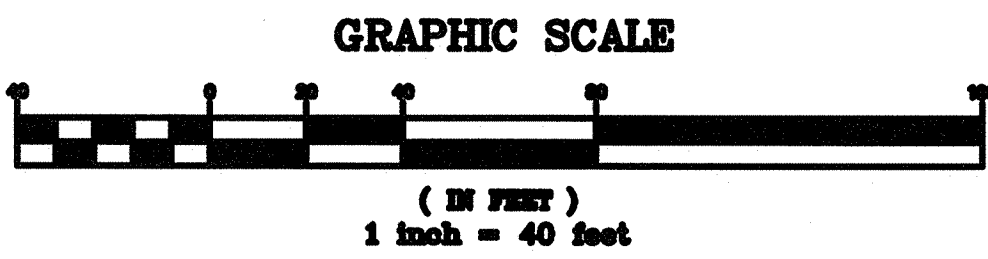
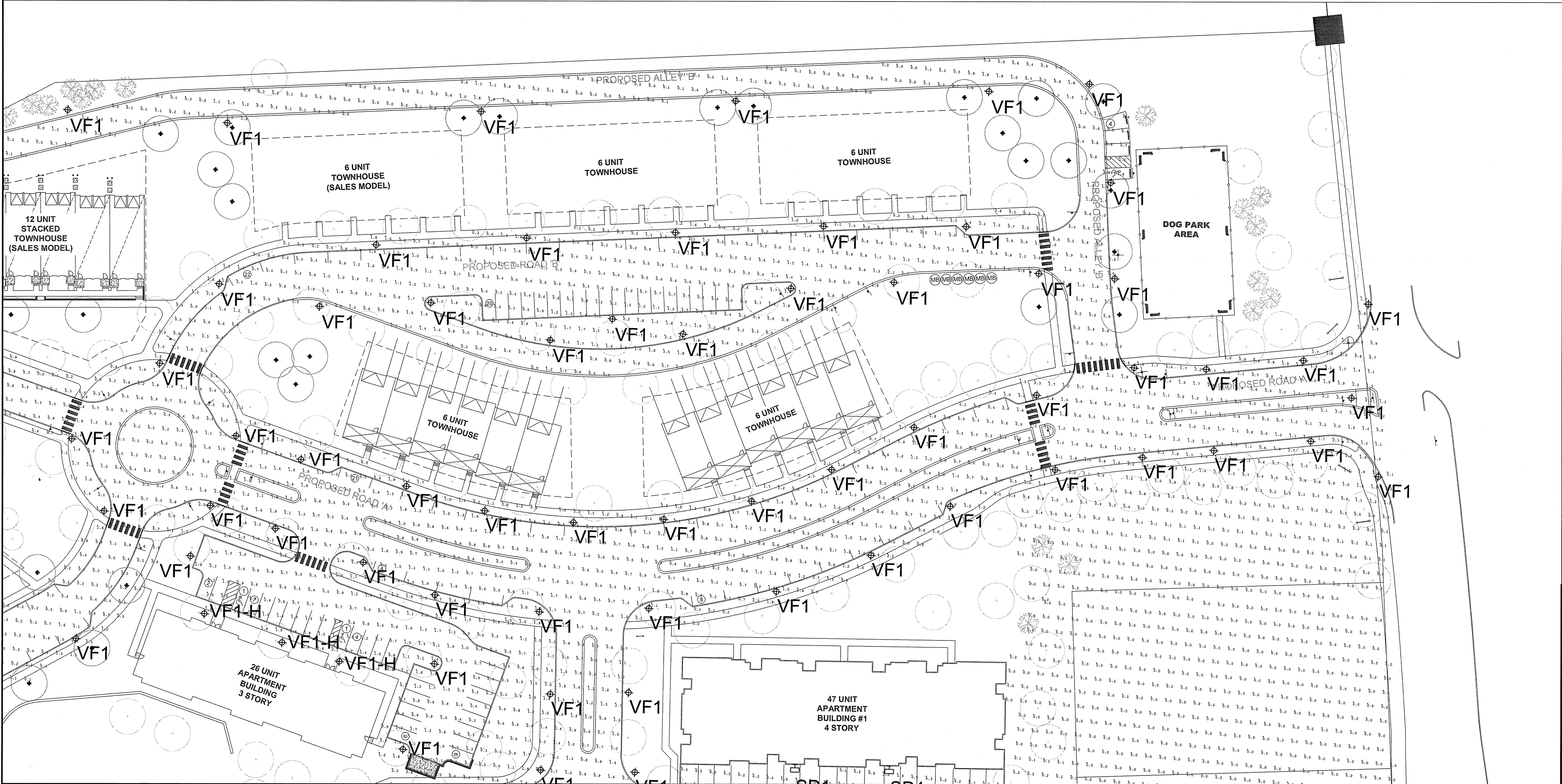
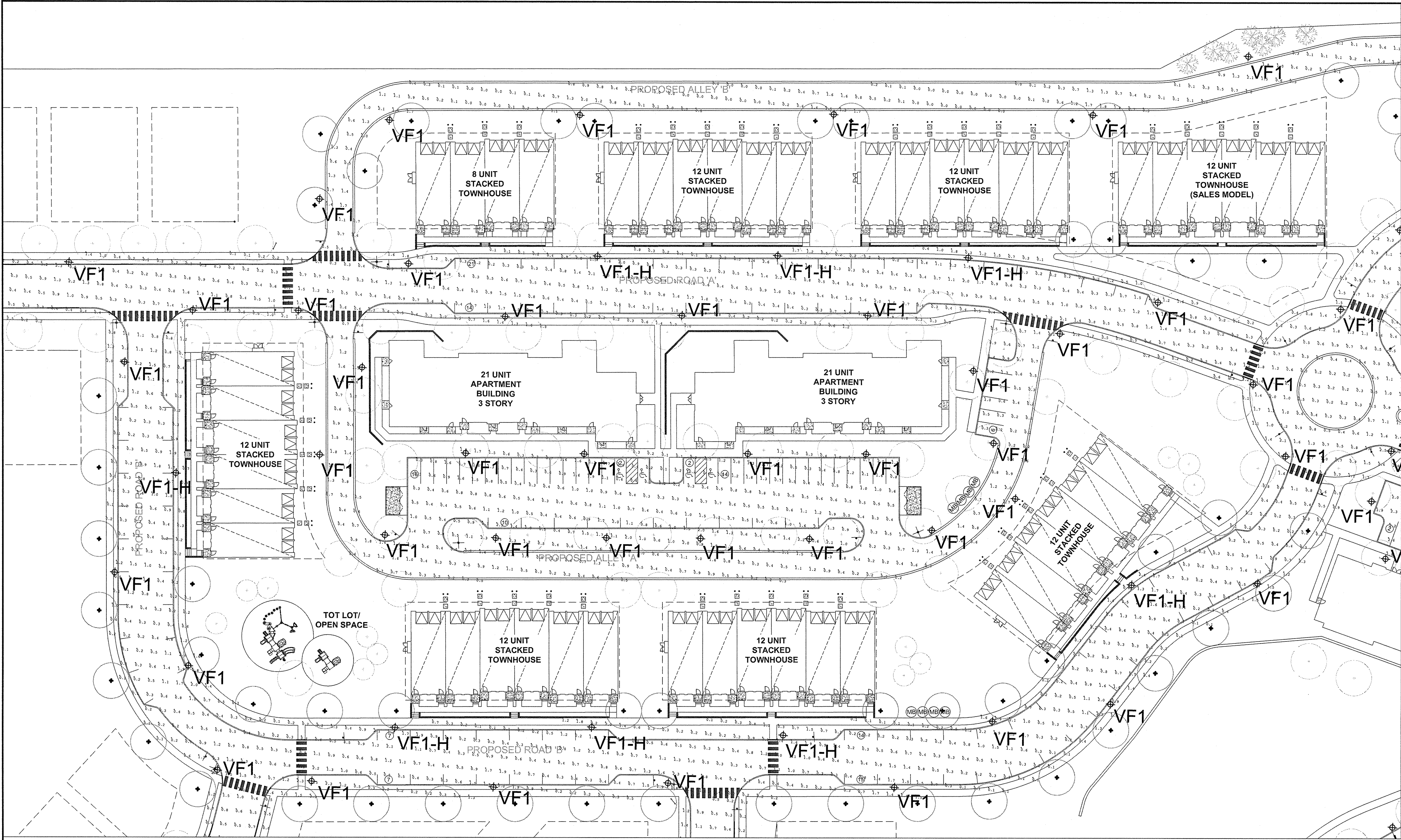
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SITE LIGHTING PLAN 2
(INITIAL ILLUMINATION LEVELS)
NORTH SECTION
HOPEWELL PARC
SITUATED IN

HOPEWELL TOWNSHIP
SCALE 1"= 40'
DRAWN BY JR
DATE 12/16/20
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DATE 12/16/20

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SITE LIGHTING PLAN 3

(MAINTAINED ILLUMINATION LEVELS)

NORTH SECTION

HOPEWELL PARC

SITUATED IN

HOPEWELL TOWNSHIP

SCALE 1" = 40'

DECEMBER 16, 2020

CHRISTINA SPANGLER

LIGHTING CERTIFIED BY NCQLP

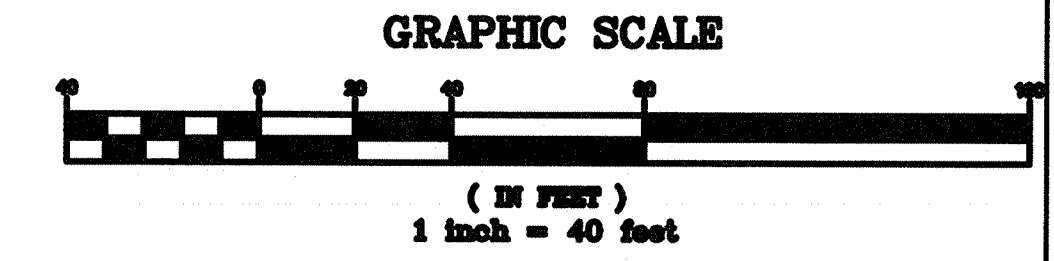
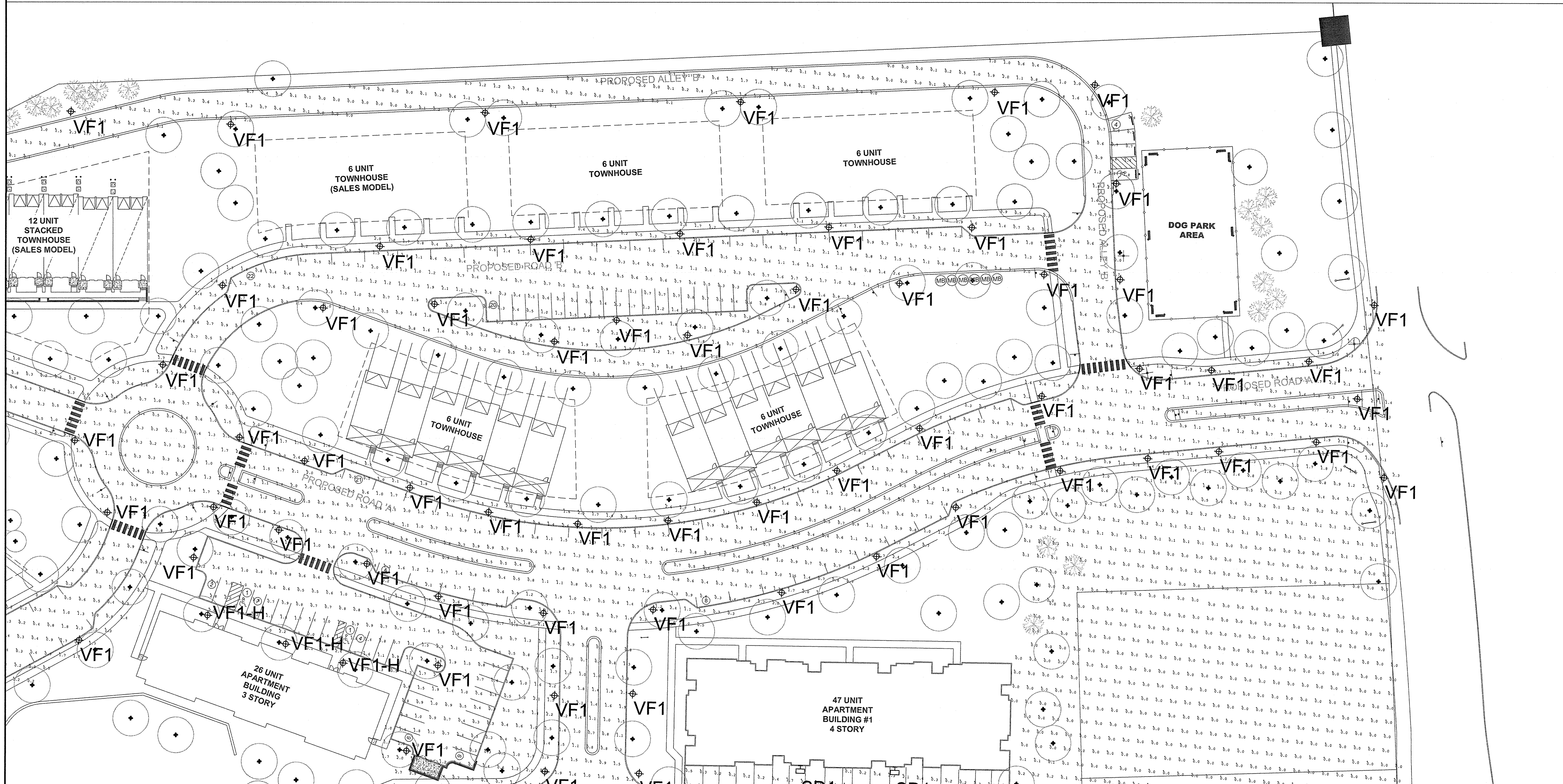
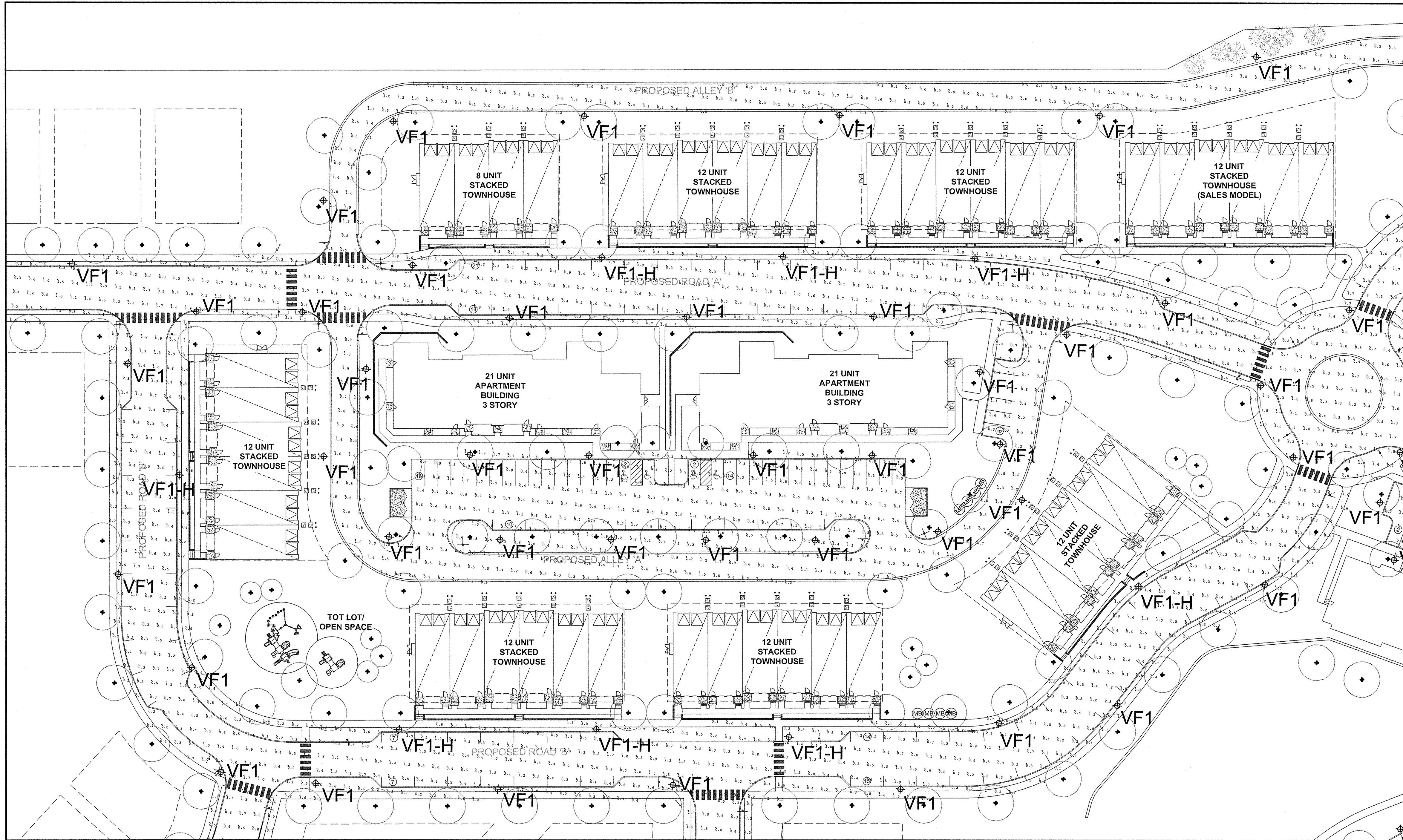
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CERTIFIED

LIGHTING

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EXPIRATION 12.31.21

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REV.	DESCRIPTION	DATE	DFT BY	CHK BY

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SITE LIGHTING PLAN 3
(INITIAL ILLUMINATION LEVELS)

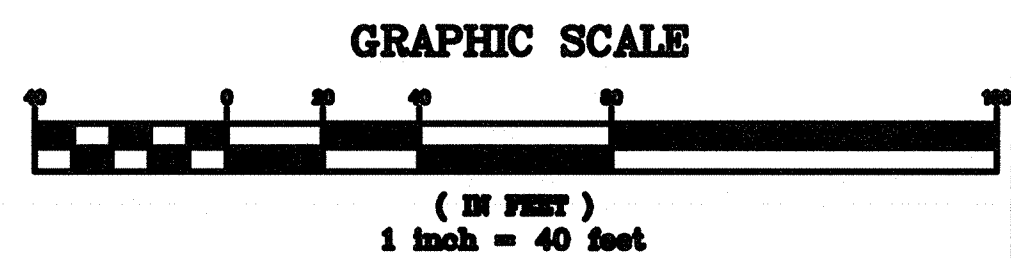
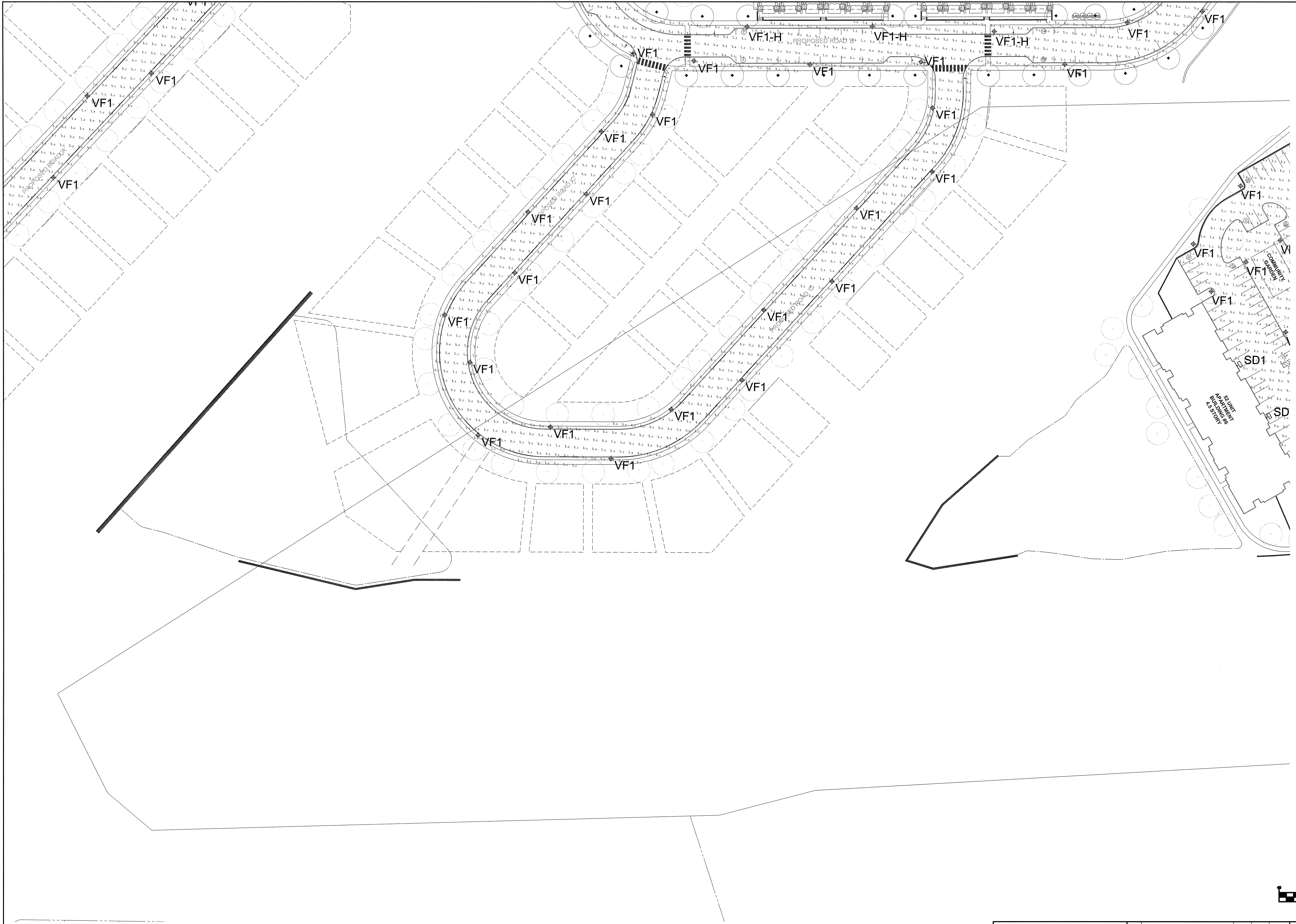
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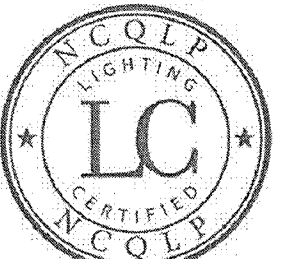
HOPEWELL TOWNSHIP
SCALE 1" = 40'

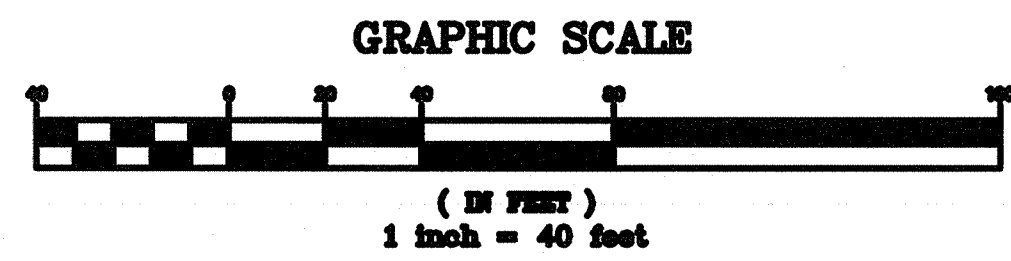
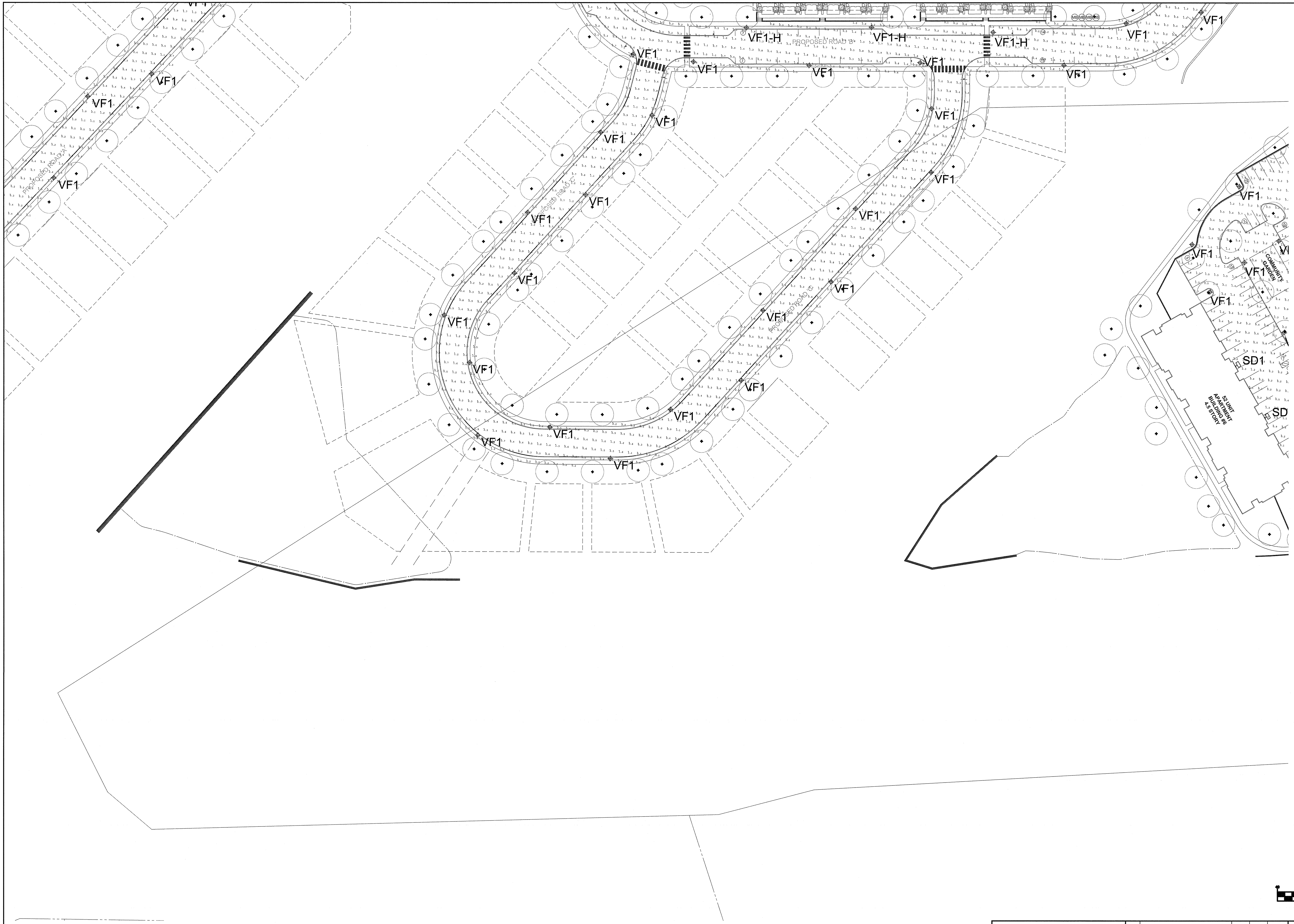
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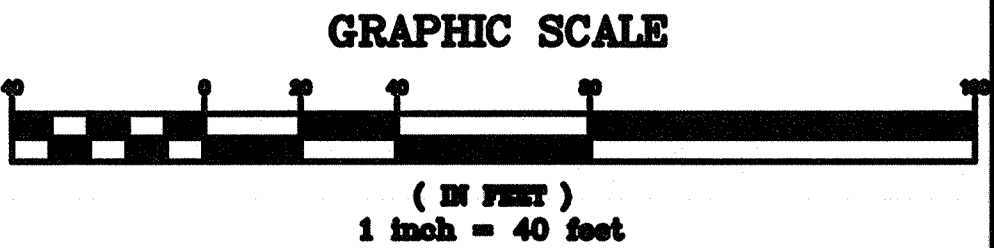
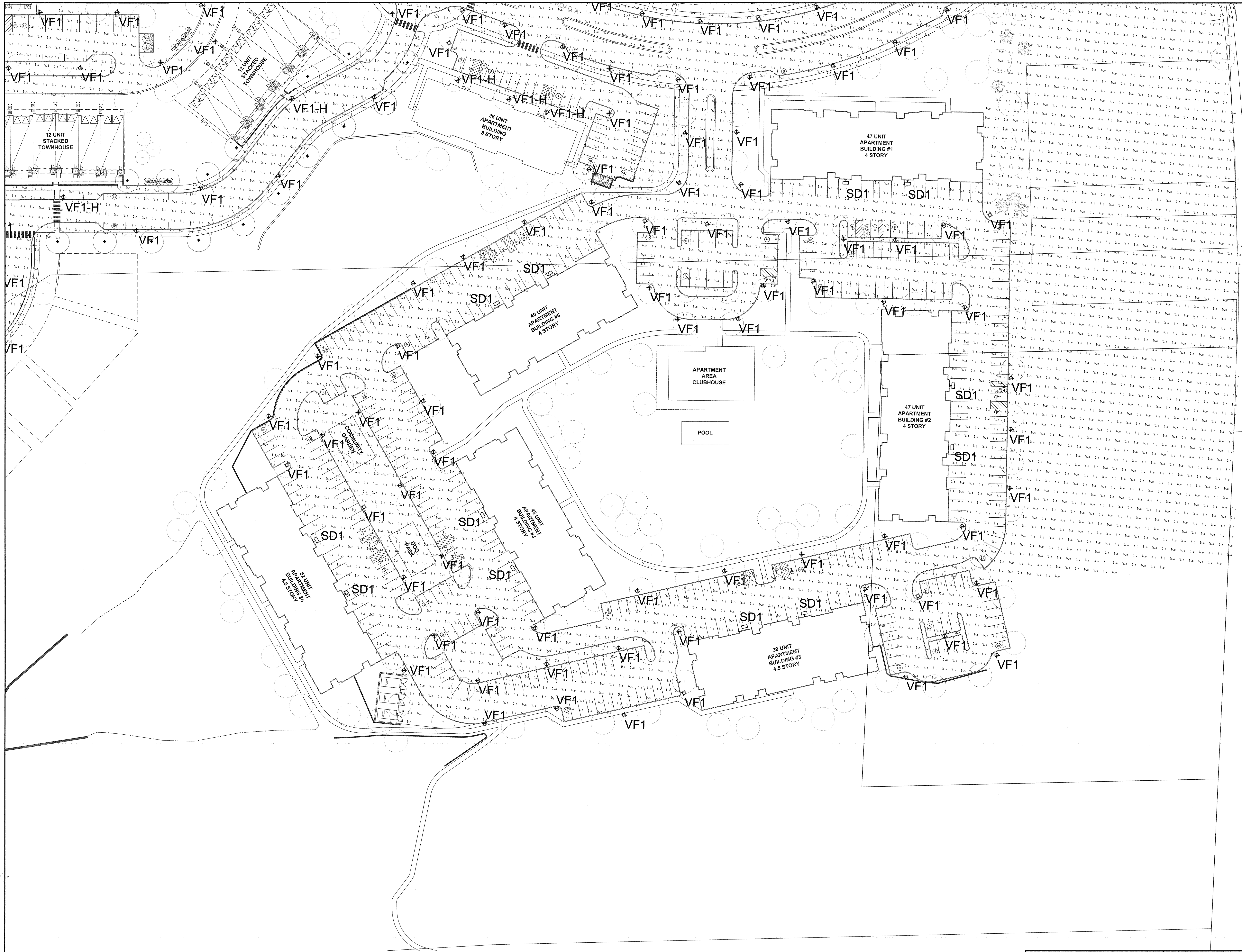
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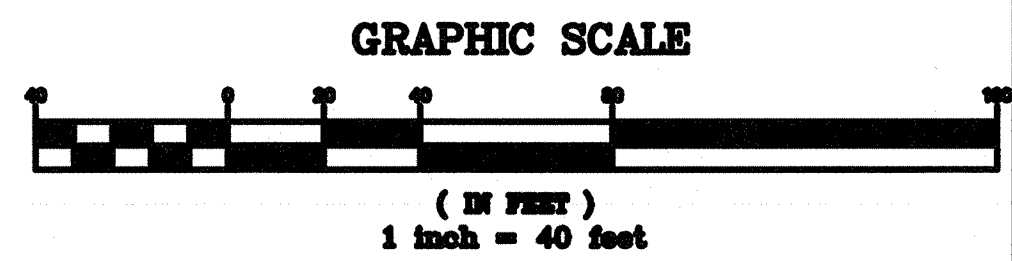
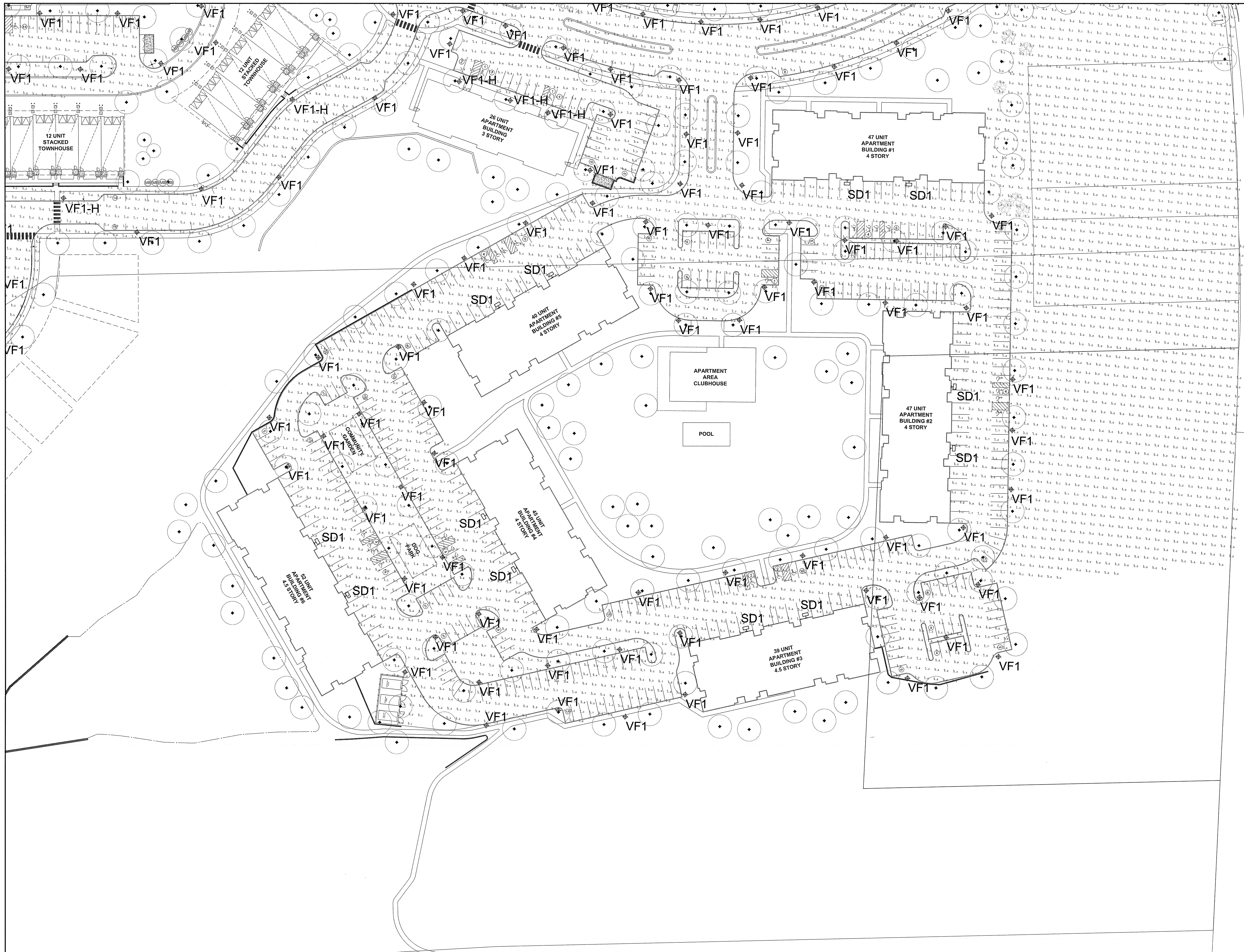
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HOPEWELL TOWNSHIP SCALE 1"= 40'		MERCER CO., N.J. DECEMBER 16, 2020		DRAWN BY: JR DATE: 12/16/20 CHECKED BY: CS DATE: 12/16/20	
FIELD BK PAGE		ORDER No. 45061- 400-21		FILE No. 203-A-1 SHEET No. LG2.04	



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SITE LAYOUT LIGHTING PLAN 4 (INITIAL ILLUMINATION LEVELS) OF NORTH SECTION HOPEWELL PARC SITUATED IN					
HOPEWELL TOWNSHIP DECEMBER 16, 2020			MERCER CO., N.J. DECEMBER 16, 2020		
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HOPEWELL TOWNSHIP SCALE 1" = 40' DRAWN BY JR DATE 12/16/20 CHECKED BY CS DATE 12/16/20		MERCEUR CO., N.J. DECEMBER 16, 2020 FIELD BK PAGE ORDER No. 45051-400-21 FILE No. 203-A-1 SHEET No. LG2.05			



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SITE LIGHTING PLAN 5
(INITIAL ILLUMINATION LEVELS)
OF
NORTH SECTION
HOPEWELL PARC
SITUATED IN

HOPEWELL TOWNSHIP
DECEMBER 16, 2020

CHRISTINA SPANGLER
LIGHTING CERTIFIED BY NCQLP
EXPIRATION 12.31.21

LC

NCQLP

DRAWN BY JR
DATE 12/16/20

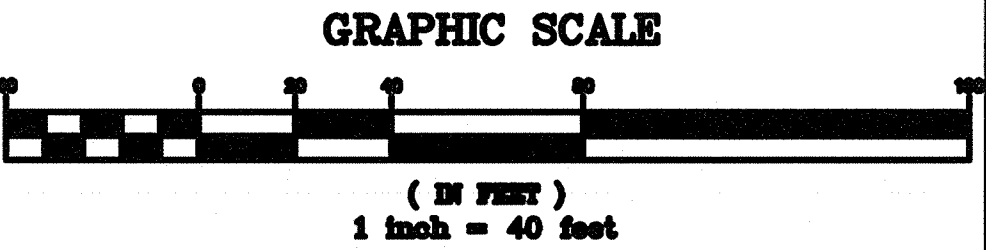
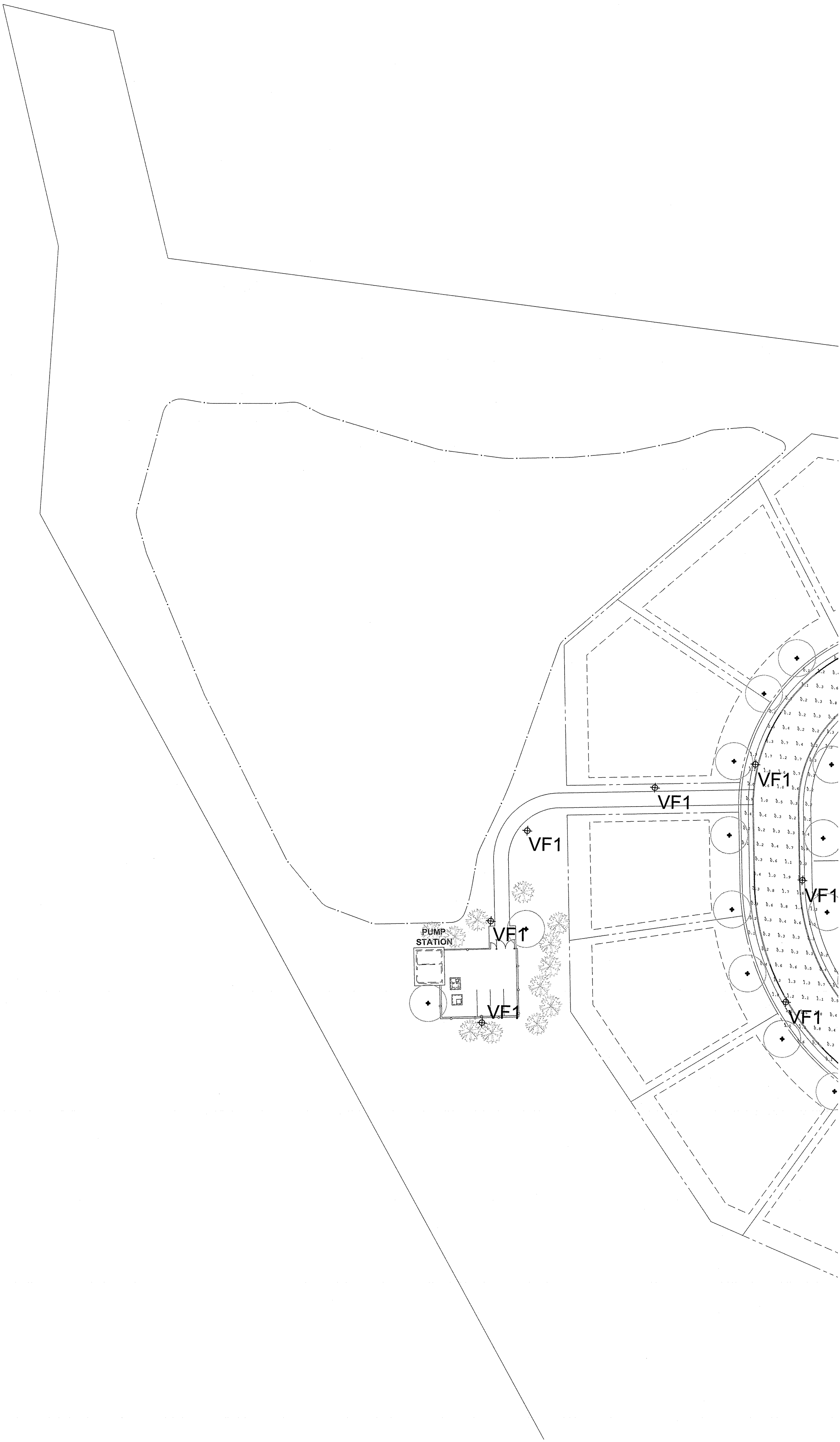
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DATE 12/16/20

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FILE NO. 203-A-1

SHEET No. LG2.05A



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REV.	DESCRIPTION	DATE	DFT BY	CHK BY

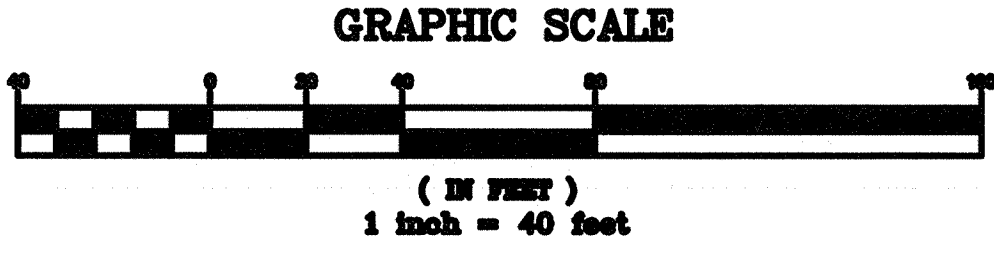
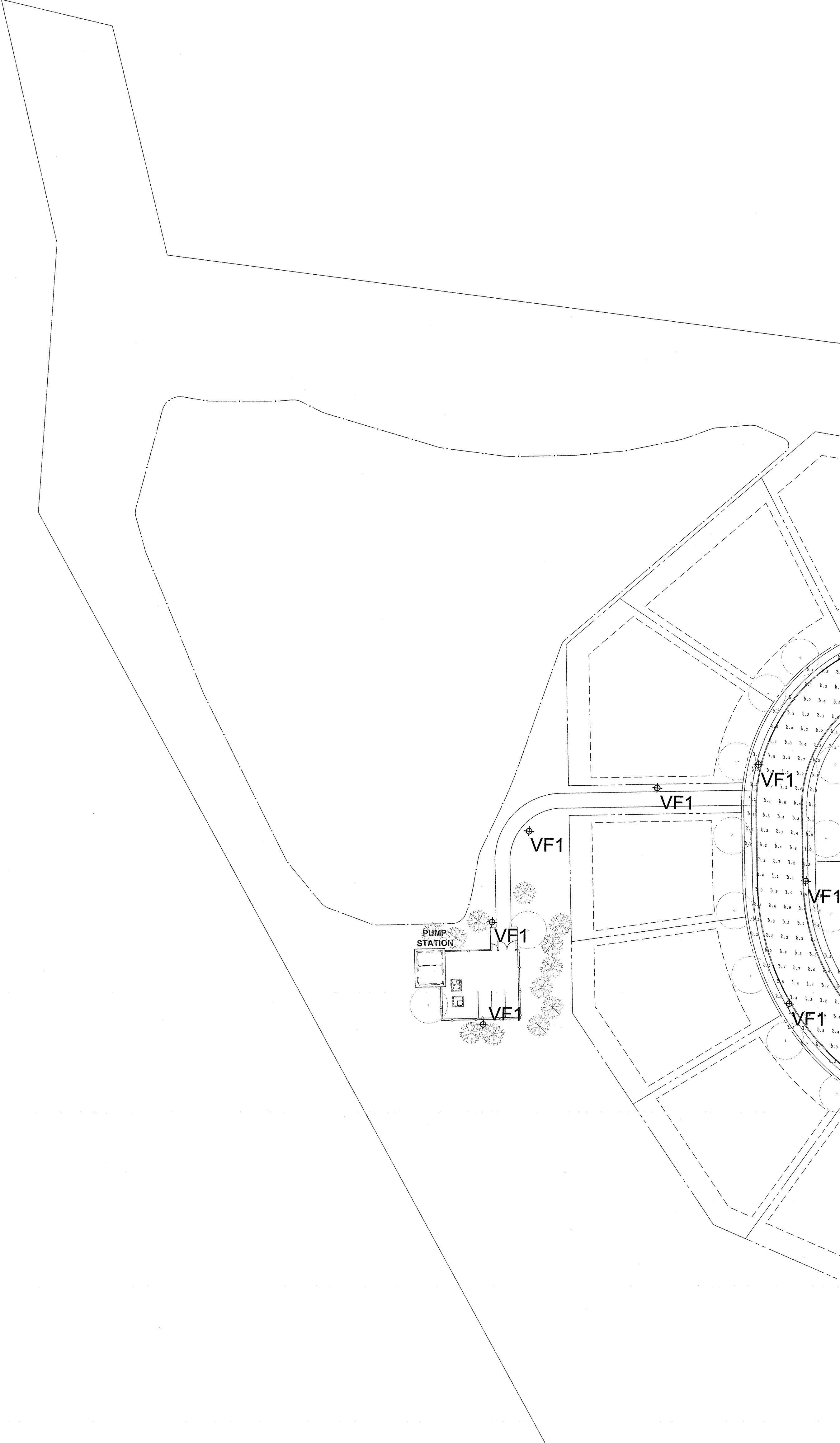
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SITE LIGHTING PLAN 6
(MAINTAINED ILLUMINATION LEVELS)
OF
SOUTH SECTION
HOPEWELL PARC
SITUATED IN

HOPEWELL TOWNSHIP
SCALE 1"= 40'
DRAWN BY JR
DATE 12/16/20
CHECKED BY CS
DATE 12/16/20

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DECEMBER 16, 2020
ORDER No. 45051-400-21
FILE No. 203-A-1
SHEET No. LG2.06



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REV.	DESCRIPTION	DATE	DFT.BY	CHK.BY

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EXPIRATION 12.31.21



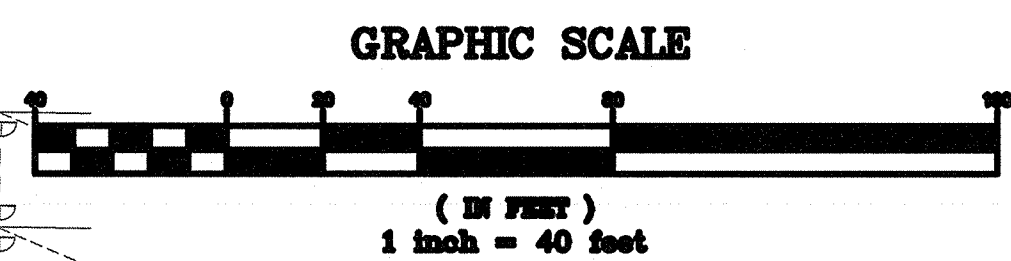
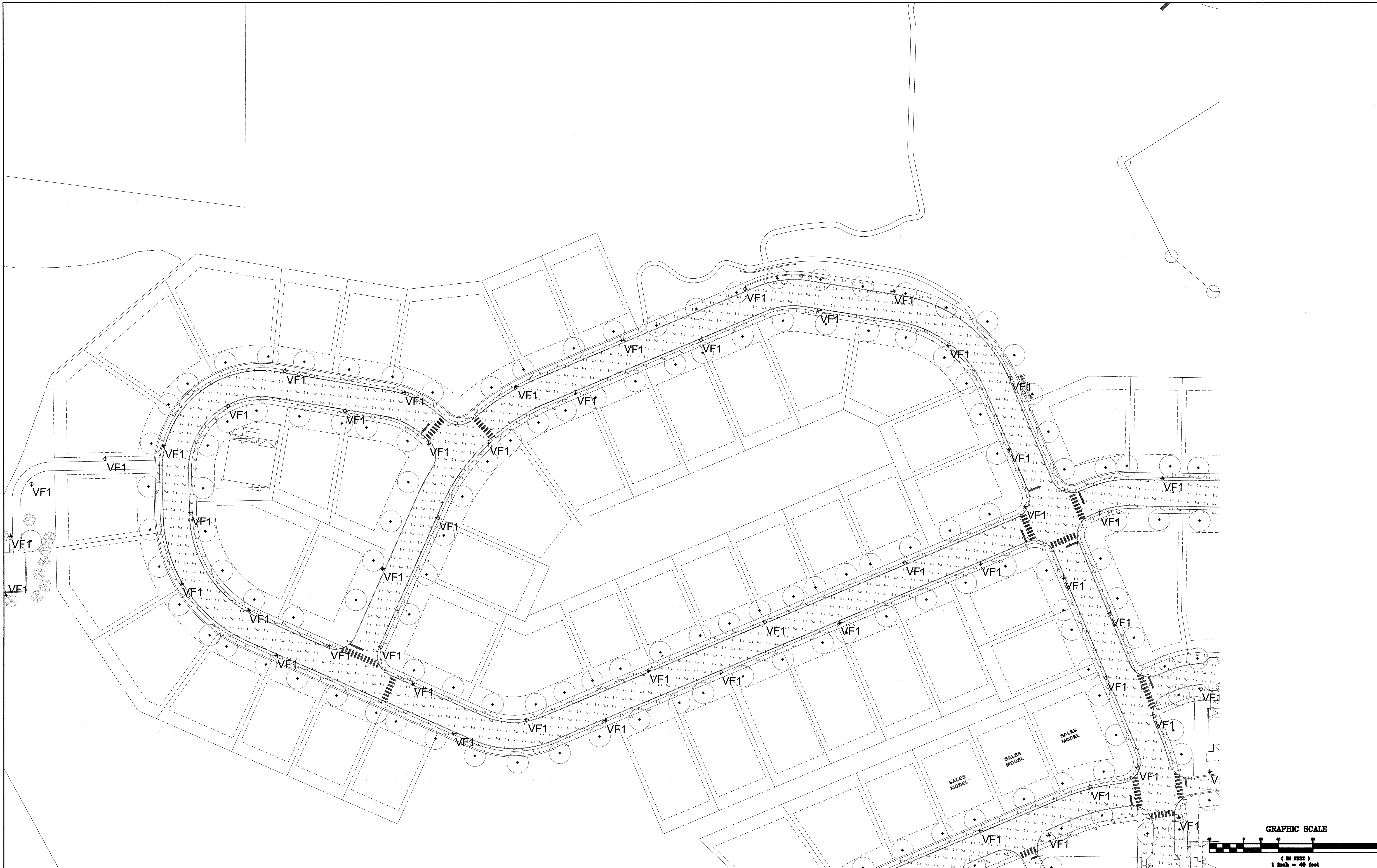
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SITE LIGHTING PLAN 6
(INITIAL ILLUMINATION LEVELS)
OF
SOUTH SECTION
HOPEWELL PARC
SITUATED IN

HOPEWELL TOWNSHIP
SCALE 1"= 40'
DRAWN BY JR
DATE 12/16/20
CHECKED BY CS
DATE 12/16/20

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DECEMBER 16, 2020
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EXPIRATION 12.31.21

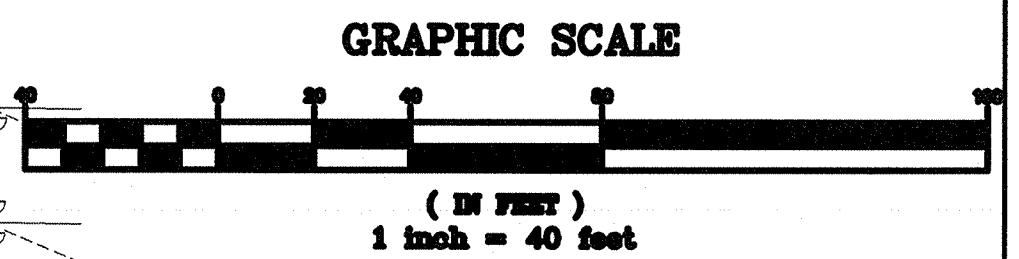
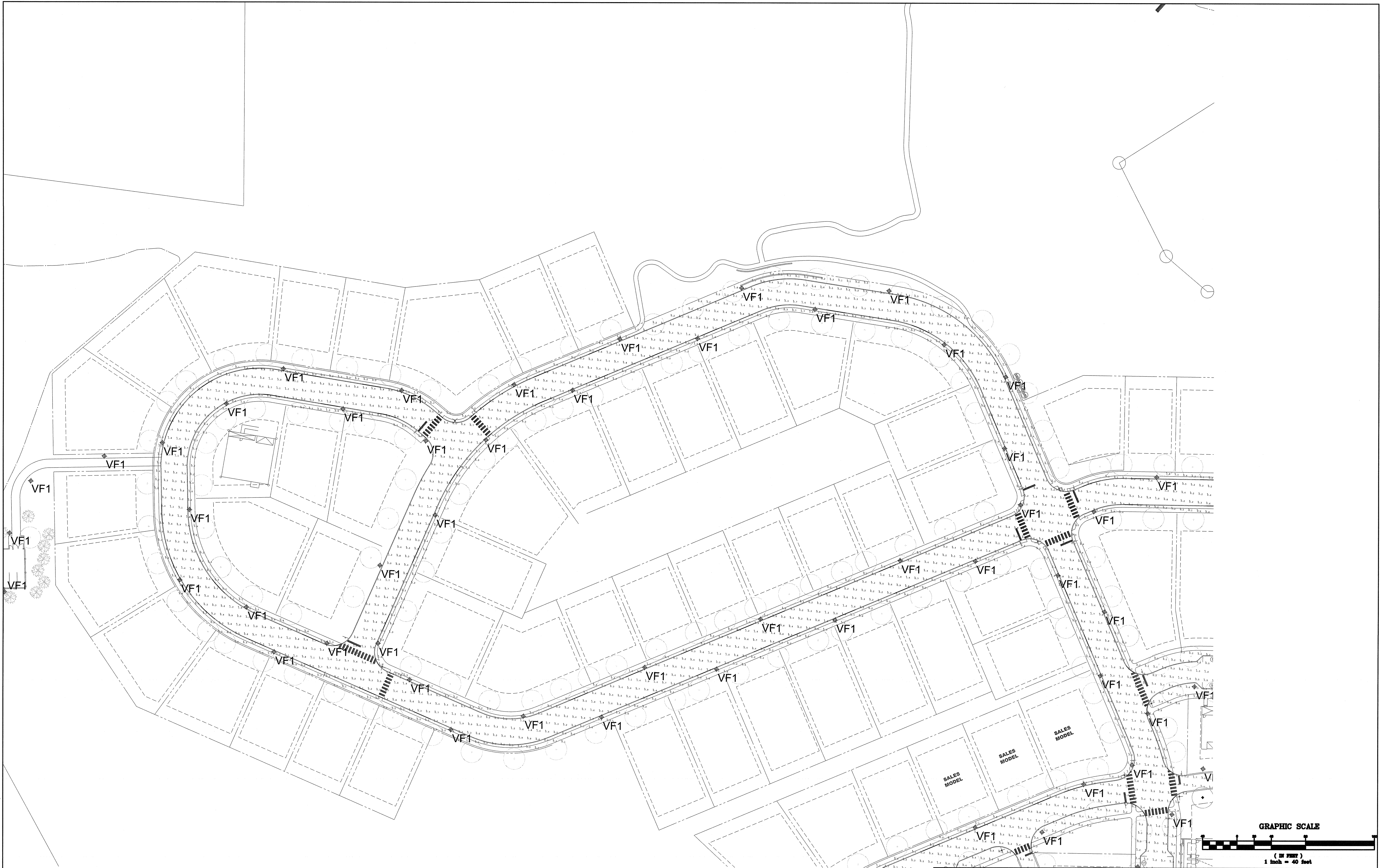


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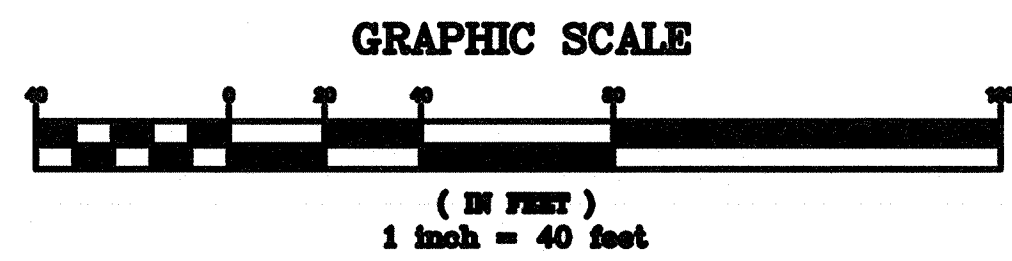
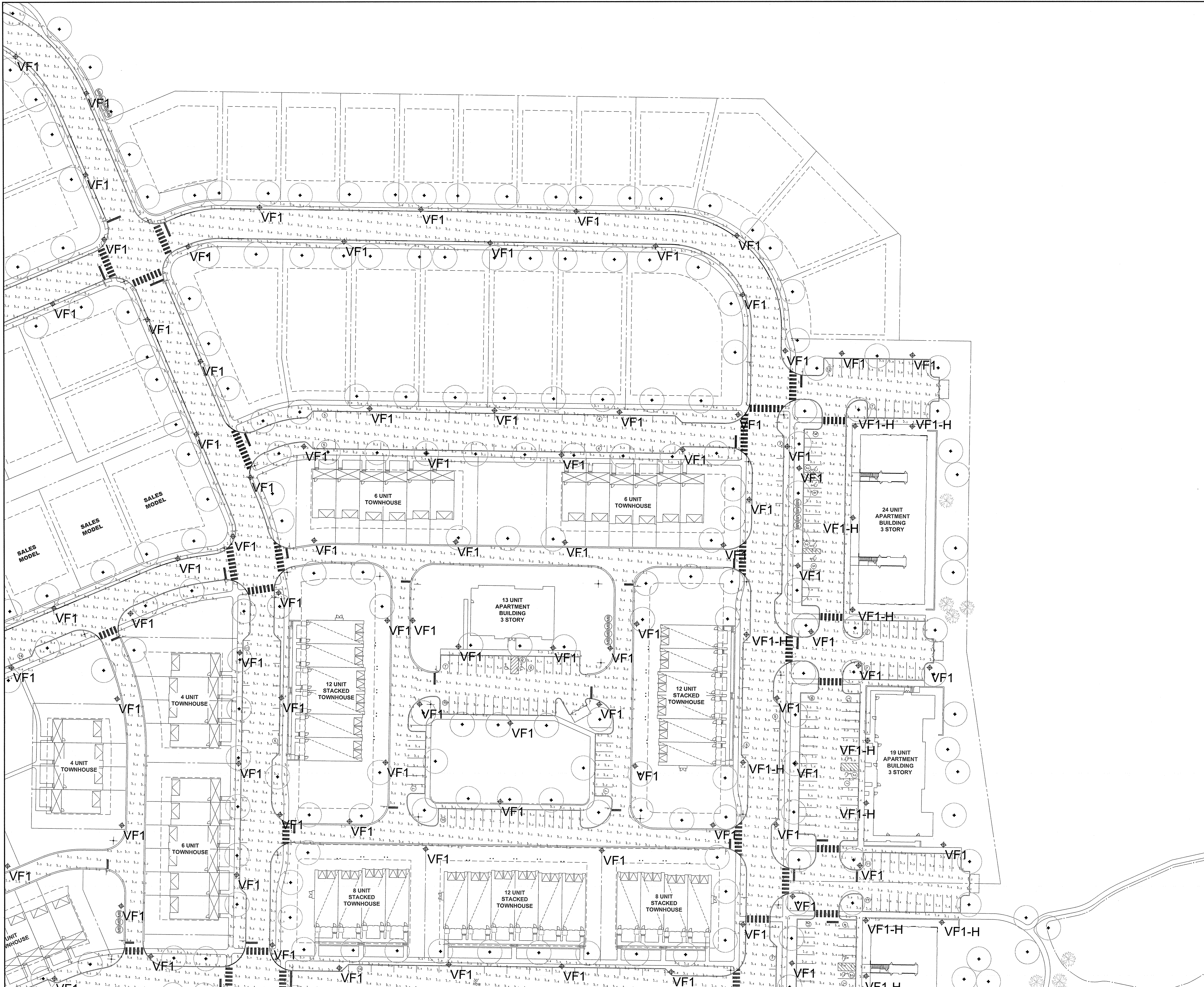


SITE LIGHTING PLAN 7
(MAINTAINED ILLUMINATION LEVELS)
OF
SOUTH SECTION
HOPEWELL PARC
SITUATED IN

HOPEWELL TOWNSHIP SCALE 1"= 40'		MERCER CO., N.J. DECEMBER 16, 2020	
DRAWN BY: JR	FIELD BK:	ORDER No. 45051	FILE No. 203-A-1
DATE 12/16/20	PAGE	400-21	SHEET No. LG2.07
CHECKED BY: CS	DATE 12/16/20		



BEAM ILLUMINATING ARCHITECTURE	1. PRELIMINARY/FINAL SITE PLAN SUBMISSION 12/16/20 JR CS		van note-harvey associates, inc. consulting engineers, planners & land surveyors 101 College Road East • Princeton, NJ 08540 • 609-987-2323 211 Bayberry Drive • Cape May Court House, NJ 08210 • 609-486-2600 www.vannoteharvey.com Certificate of Authorization No. 340A5821500		
	REV. DESCRIPTION	DATE DPT.BY CKD.BY			
BEAM, Ltd. 2220 Mount Carmel Avenue Glenside, PA 19038 T. 215-508.0900 www.beamitd.com	CHRISTINA SPANGLER LIGHTING CERTIFIED BY NCQLP EXPIRATION 12.31.21		SOUTH SECTION HOPEWELL PARC SITUATED IN		
DRAWN BY JR DATE 12/16/20		FIELD BK. ORDER No. FILE No. SHEET No. PAGE 45051-400-21 203-A-1 LG2.07A			



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REV.	DESCRIPTION	DATE	DFT.BY	CHK.BY

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EXPIRATION 12.31.21

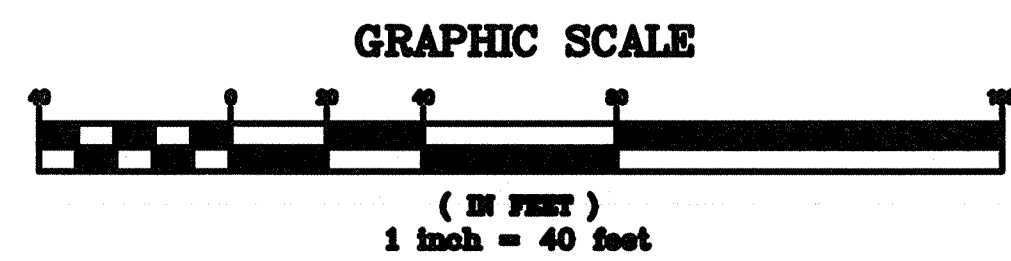
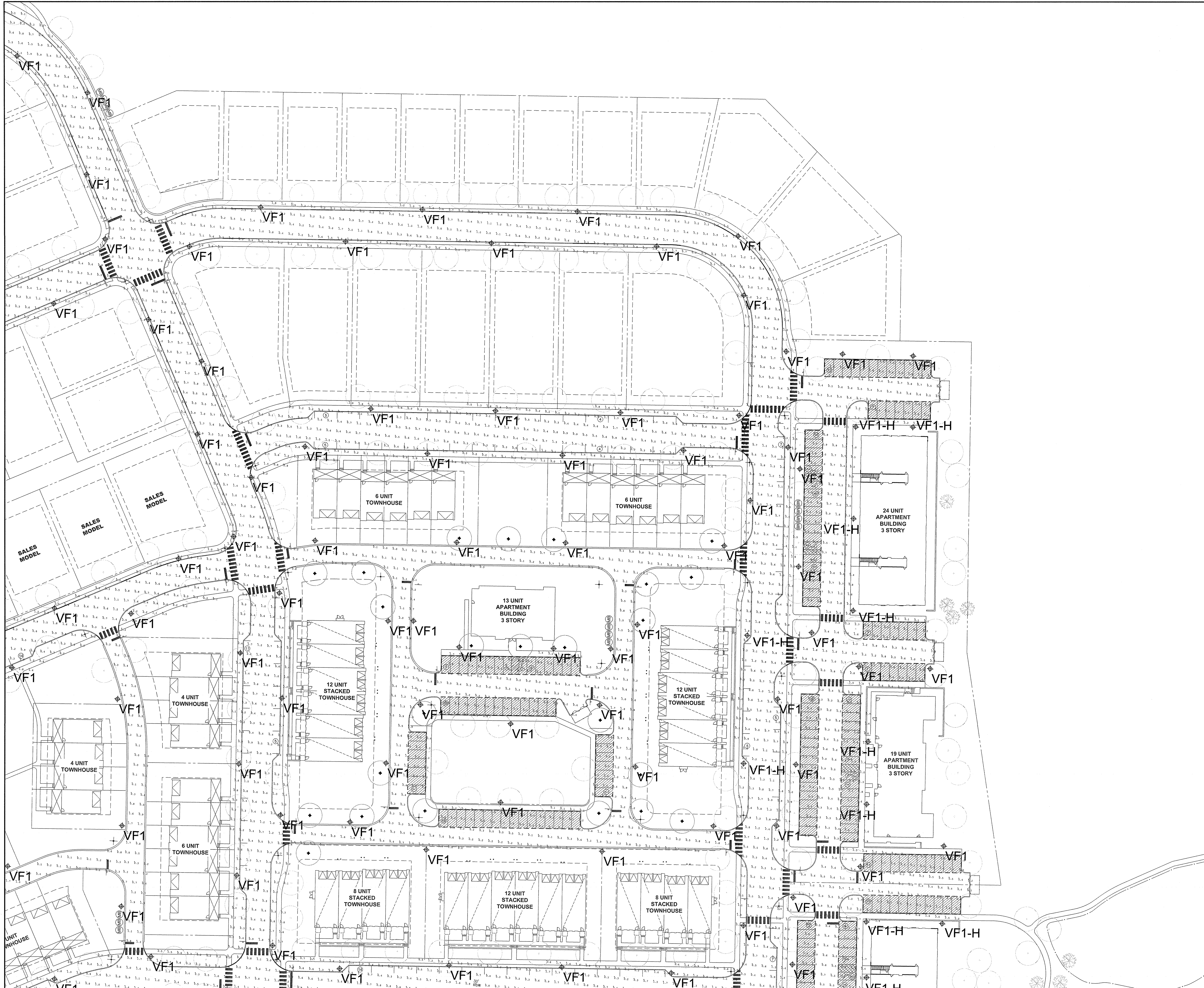


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SITE LIGHTING PLAN 8
(MAINTAINED ILLUMINATION LEVELS)
SOUTH SECTION
HOPEWELL PARC
SITUATED IN

HOPEWELL TOWNSHIP
SCALE 1"= 40'
DRAWN BY JR
DATE 12/16/20
CHECKED BY CS
DATE 12/16/20

MERCER CO., N.J.
DECEMBER 16, 2020
FIELD BK PAGE
ORDER NO. 45051-400-21
FILE NO. 203-A-1
SHEET NO. LG2.08

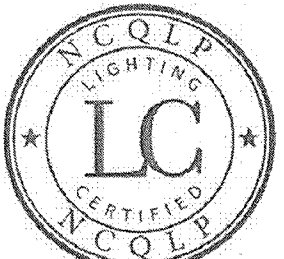


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REV.	DESCRIPTION	DATE	DFT. BY	CHK. BY
1.	PRELIMINARY/FINAL SITE PLAN SUBMISSION	12/16/20	JR	CS

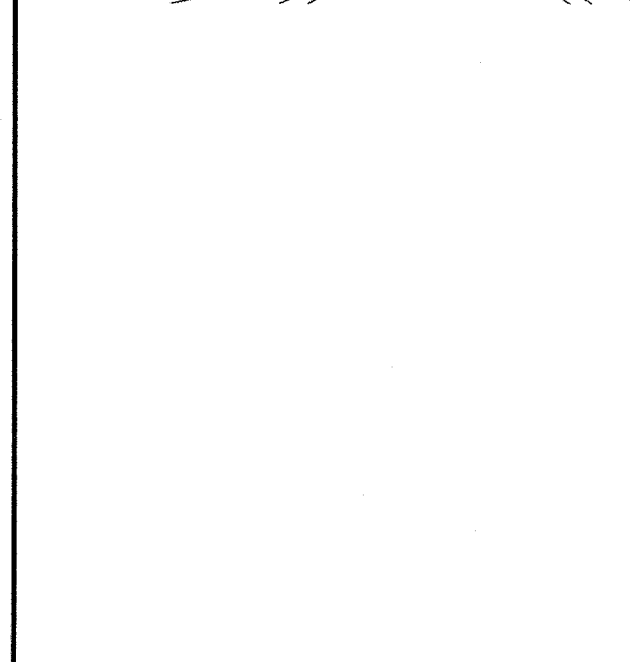
CHRISTINA SPANGLER
LIGHTING CERTIFIED BY NCQLP
EXPIRATION 12.31.21



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SITE LIGHTING PLAN 8
(INITIAL ILLUMINATION LEVELS)
OF
SOUTH SECTION
HOPEWELL PARC
SITUATED IN

HOPEWELL TOWNSHIP		MERCER CO., N.J.	
SCALE 1" = 40'		DECEMBER 16, 2020	
DRAWN BY	FILE NO.	ORDER NO.	SHEET NO.
DATE 12/16/20	45051-	400-21	203-A-1
CHECKED BY	LG2.08A		
DATE 12/16/20			



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LIGHTING CERTIFIED BY NCQLP
EXPIRATION 12.31.21



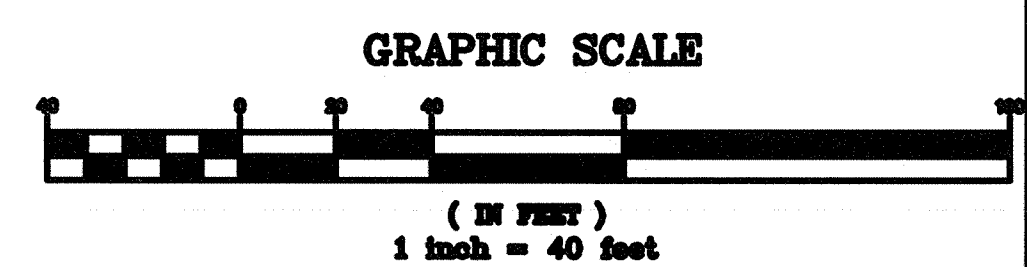
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OF
SOUTH SECTION
HOPEWELL PARC
SITUATED IN

CLD BK	ORDER No.
PAGE	45051- 100-21

MERCER CO., N.J. DECEMBER 16, 2020	
FILE No. 203-A-1	SHEET No. 16209

LOT RESERVED FOR FUTURE DEVELOPMENT
NO LIGHTING REQUIRED/PROVIDED ON THIS SHEET



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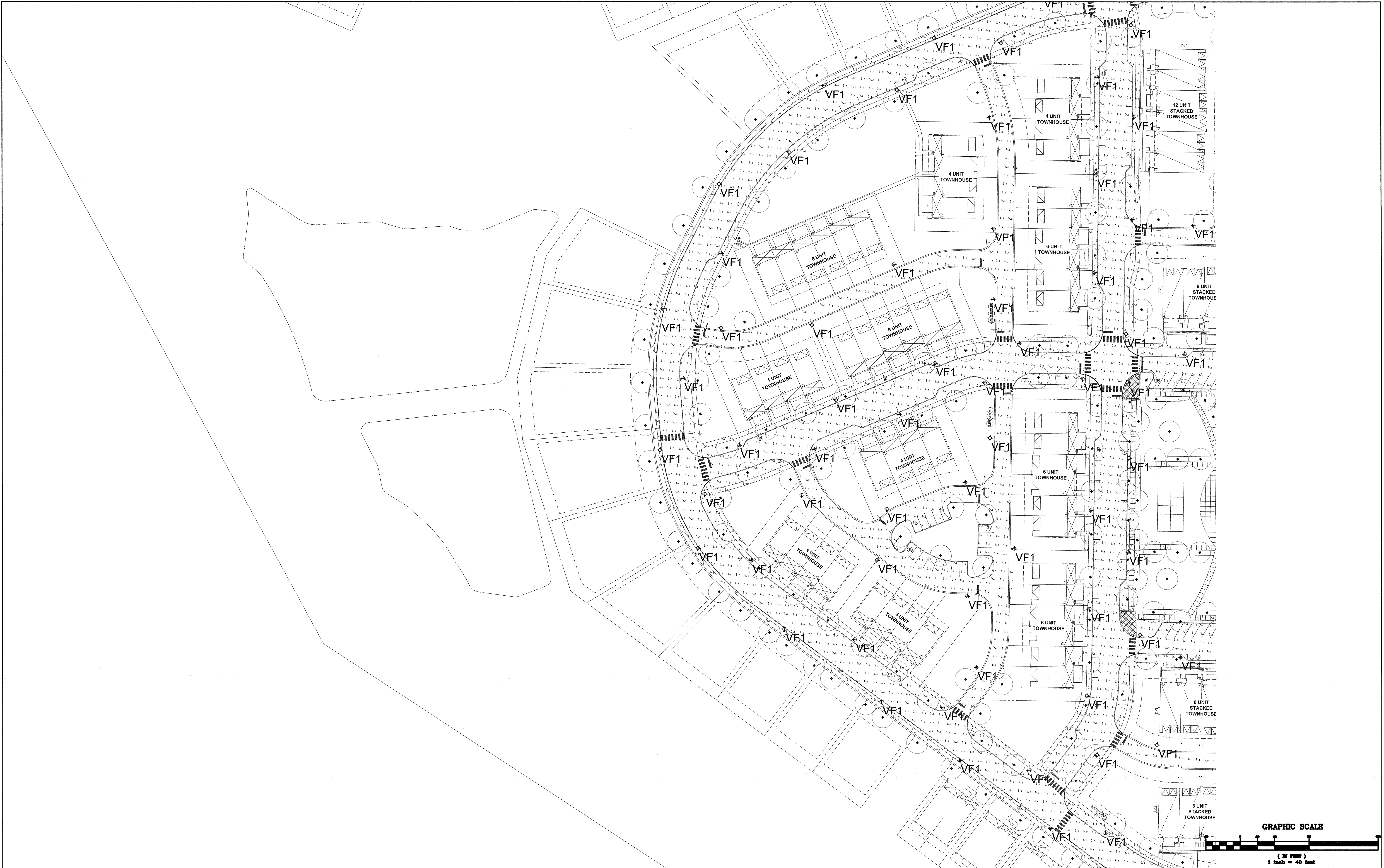
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LIGHTING CERTIFIED BY NCQLP
EXPIRATION 12.31.21



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SITE LIGHTING PLAN 9
(INITIAL ILLUMINATION LEVELS)
OF
SOUTH SECTION
HOPEWELL PARC
SITUATED IN

HOPEWELL TOWNSHIP		MERCER CO., N.J.	
SCALE 1"= 40'		DECEMBER 16, 2020	
DRAWN BY JR	FIELD BK	ORDER No	FILE No
DATE 12/16/20	PAGE	45031-	203-A-1
CHECKED BY CS		400-21	
DATE 12/16/20			LG2.09A



GRAPHIC SCALE

1 inch = 40 feet

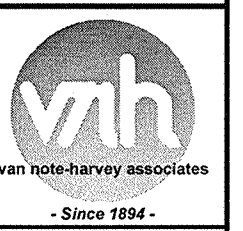
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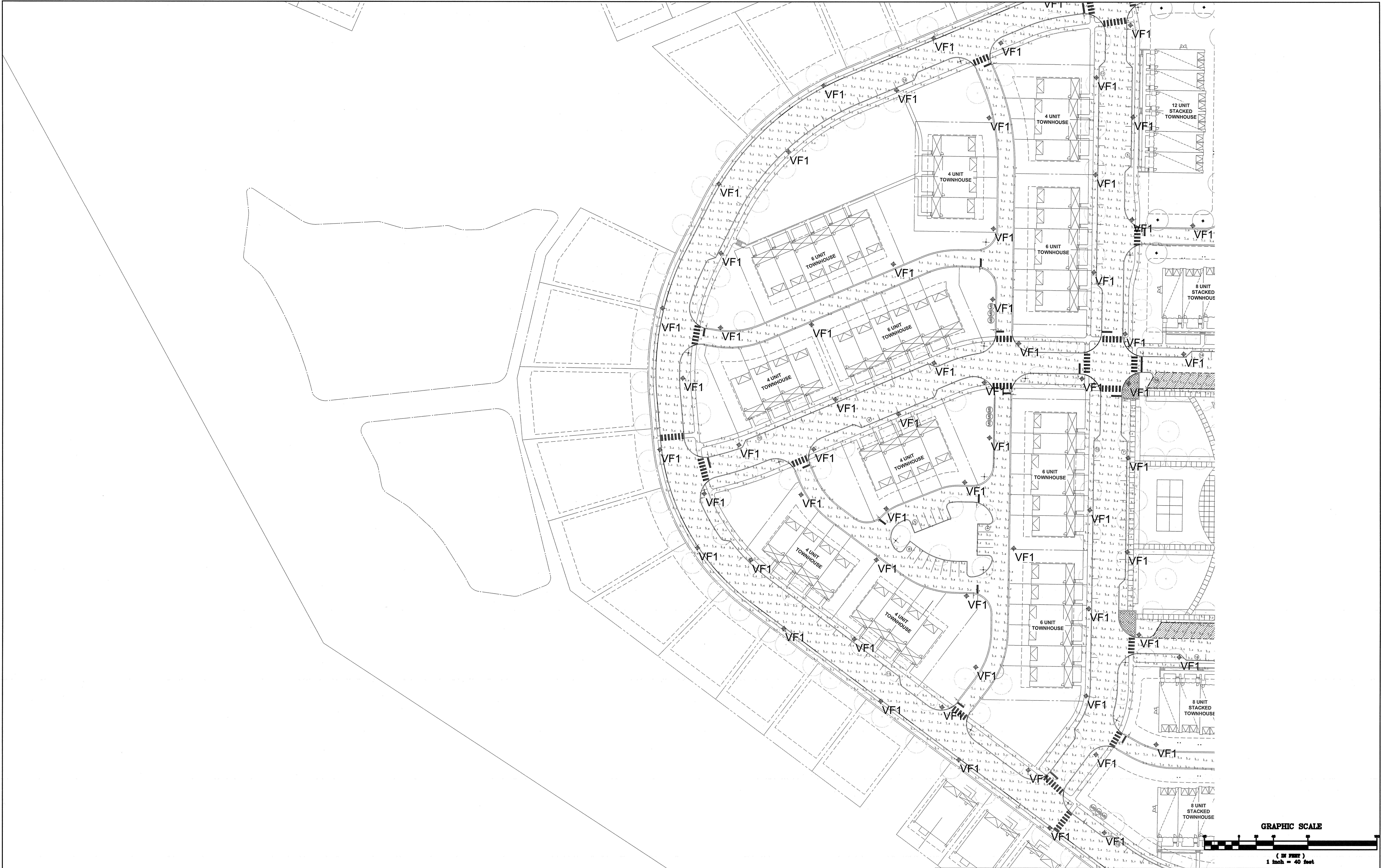


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SITE LIGHTING PLAN 10
(MAINTAINED ILLUMINATION LEVELS)
OF
SOUTH SECTION
HOPEWELL PARC
SITUATED IN

HOPEWELL TOWNSHIP		MERCER CO., N.J.	
SCALE 1" = 40'		DECEMBER 16, 2020	
DRAWN BY: JR	FIELD BK:	ORDER No:	FILE No:
DATE: 12/16/20	PAGE:	45551-400-21	203-A-1
CHECKED BY: CS			
DATE: 12/16/20			LG2.10



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REV.	DESCRIPTION	DATE	DFT.BY	CKD.BY

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LIGHTING CERTIFIED BY NOCLP
EXPIRATION 12.31.21

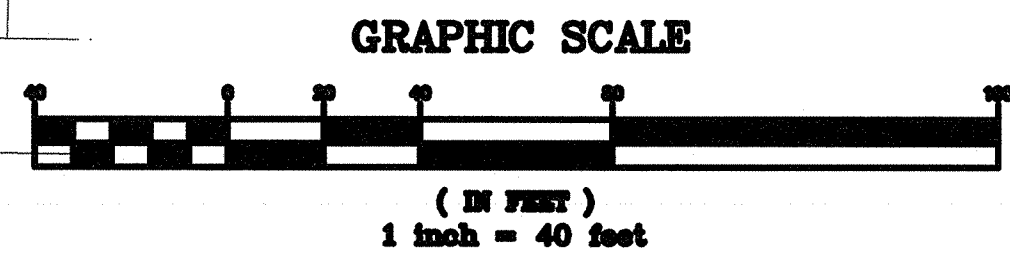
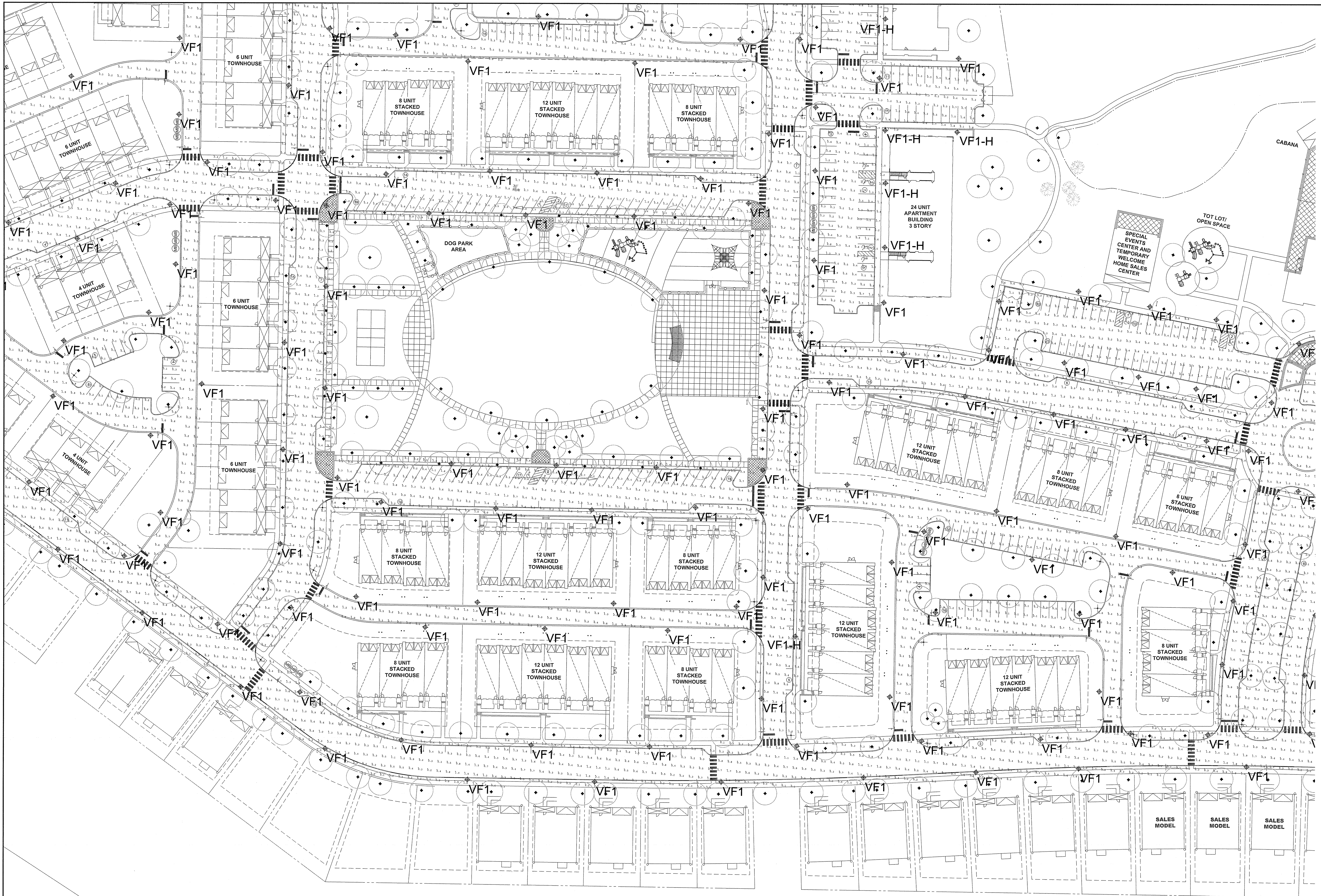
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SITE LIGHTING PLAN 10
(INITIAL ILLUMINATION LEVELS)
SOUTH SECTION
HOPEWELL PARC
SITUATED IN

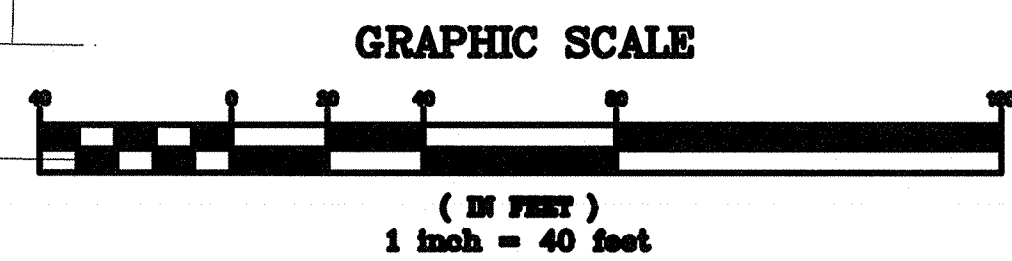
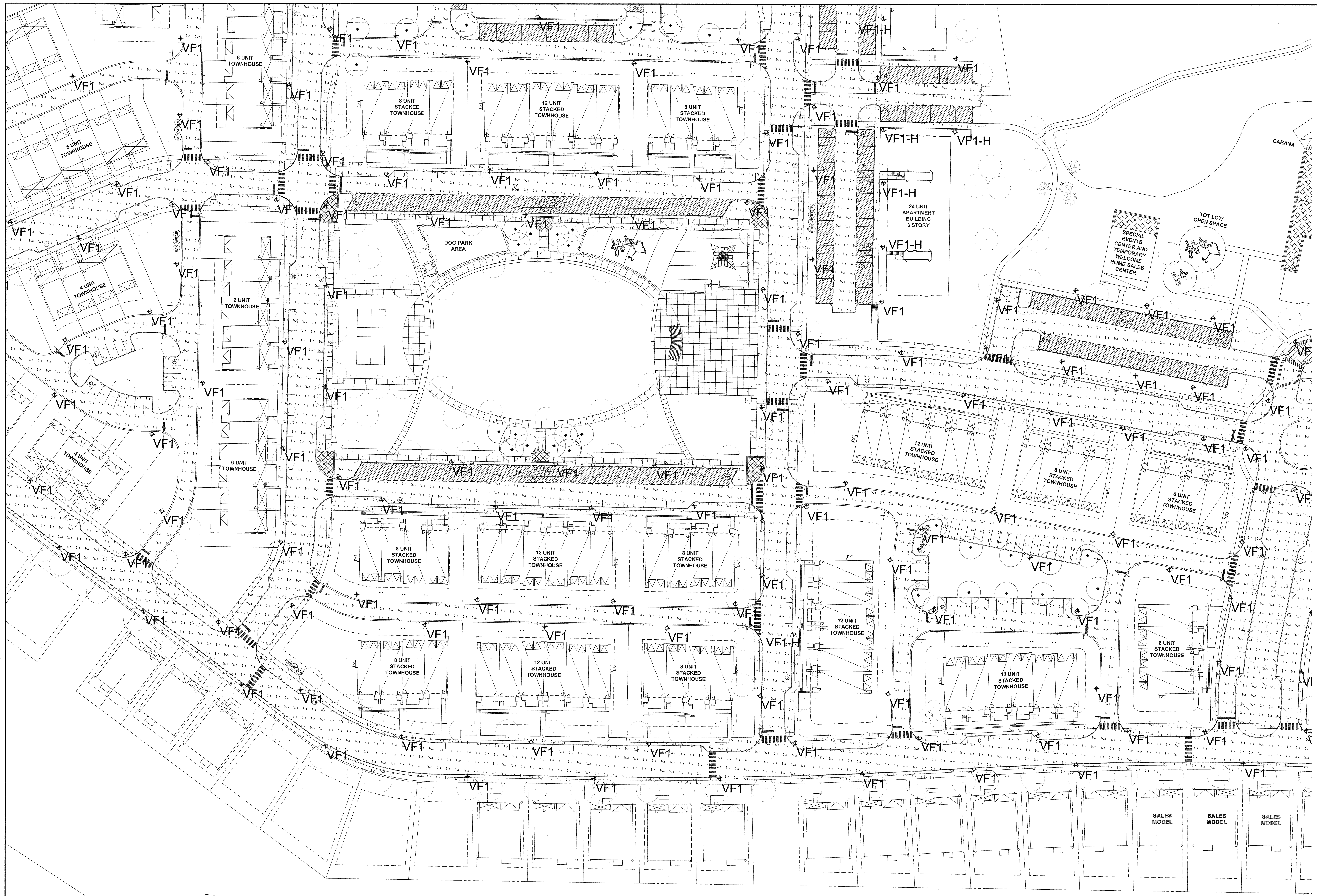
HOPEWELL TOWNSHIP
SCALE 1"= 40'

MERCER CO., N.J.
DECEMBER 16, 2020

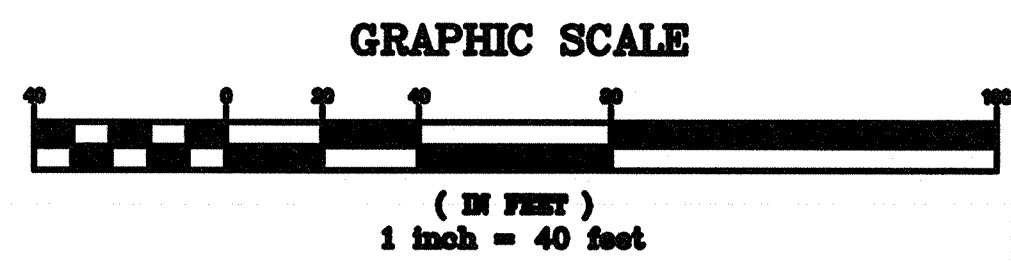
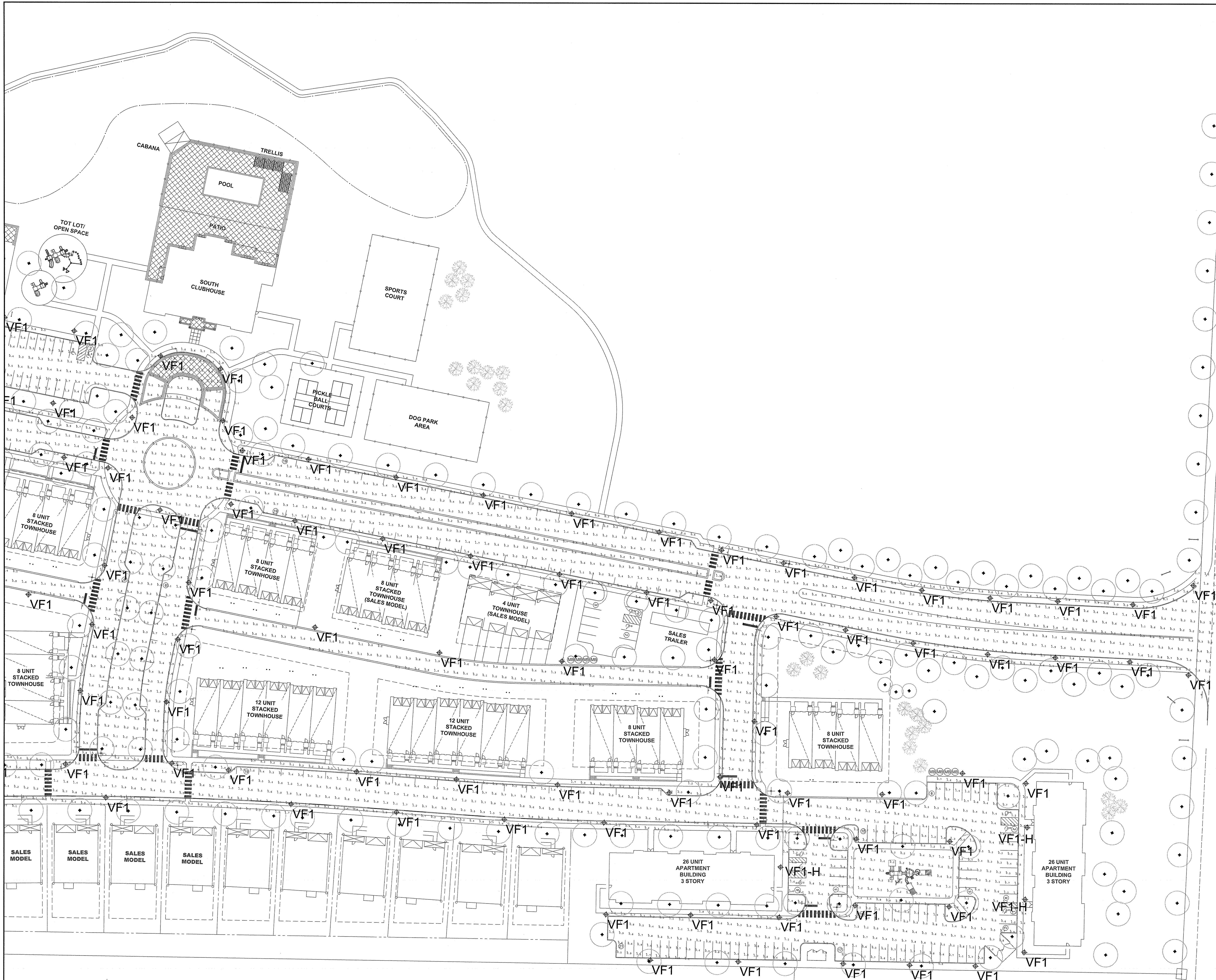
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DATE 12/16/20	PAGE	45051-400-21	203-A-1	LG2.10A



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	SITE LIGHTING PLAN 11 (MAINTAINED ILLUMINATION LEVELS) SOUTH SECTION HOPEWELL PARC SITUATED IN	
BEAM, Ltd. 2220 Mount Carmel Avenue Glenide, PA 19038 T. 215.508.0900 www.beamltid.com	CHRISTINA SPANGLER LIGHTING CERTIFIED BY NCQLP EXPIRATION: 12.31.21	HOPEWELL TOWNSHIP SCALE 1" = 40' DRAWN BY JR DATE 12/16/20 CHECKED BY CS DATE 12/16/20
		MERCER CO., N.J. DECEMBER 16, 2020 FIELD BK. ORDER No. FILE No. SHEET No. PAGE 45051-400-21 203-A-1 LG.2.11



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		FIELD BK PAGE	ORDER No. 4505 SHEET No. 203-A-1 LG2.11A



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REV.	DESCRIPTION	DATE	DFT.BY	CHK.BY

CHRISTINA SPANGLER
LIGHTING CERTIFIED BY NCQLP
EXPIRATION 12.31.21

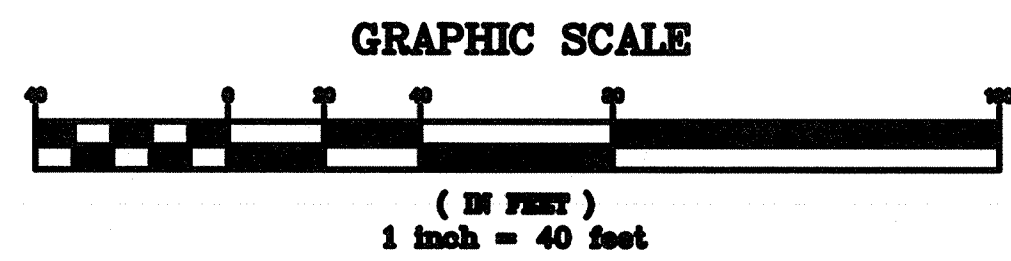
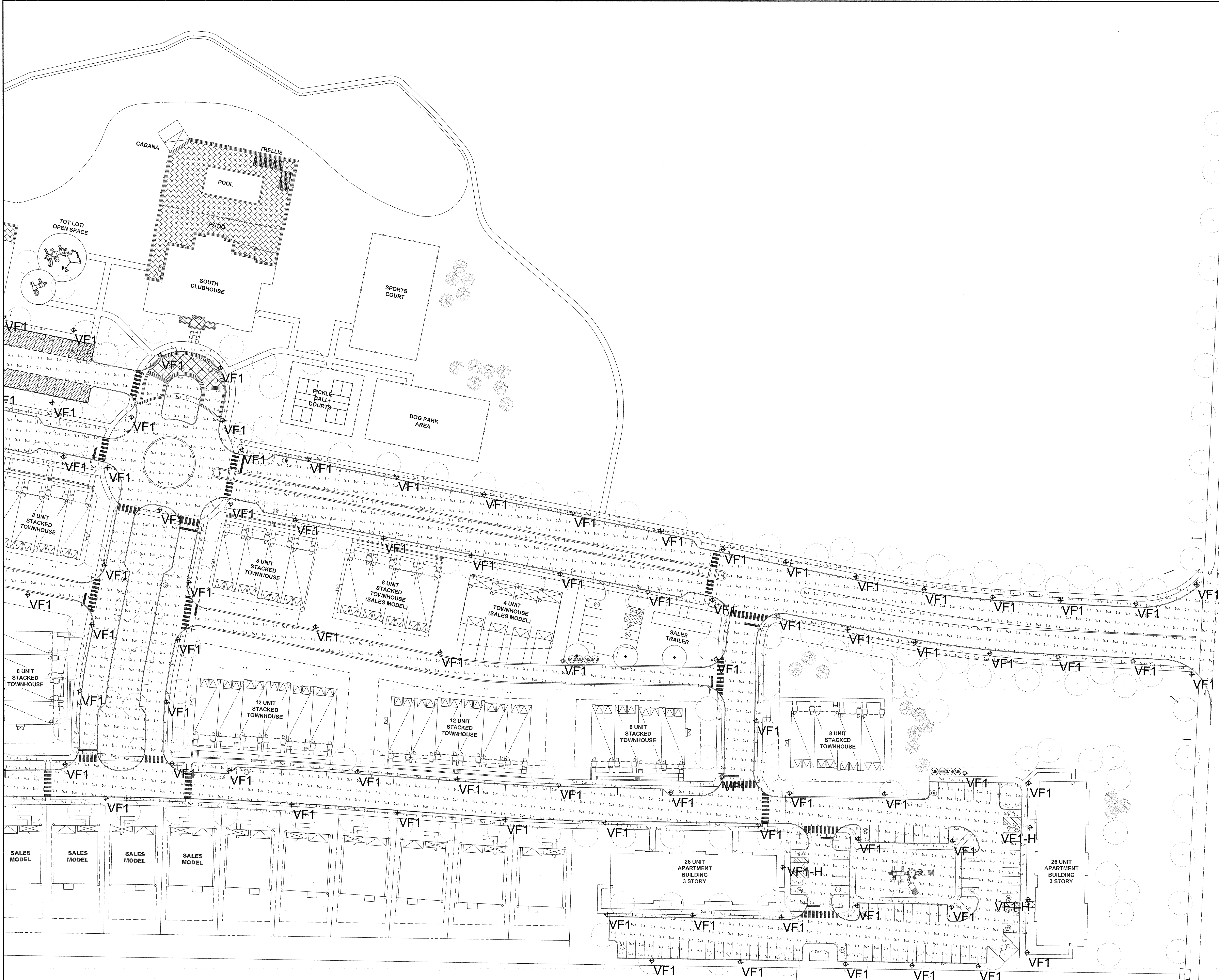
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SITE LIGHTING PLAN 12
(MAINTAINED ILLUMINATION LEVELS)
OF
SOUTH SECTION
HOPEWELL PARC
SITUATED IN

HOPEWELL TOWNSHIP
SCALE 1"= 40'

MERCER CO., N.J.
DECEMBER 16, 2020

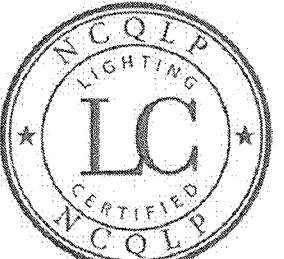
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DATE	12/16/20	PAGE	45051-400-21	203-A-1	LG2.12
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DATE	12/16/20				



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EXPIRATION 12.31.21



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SITE LIGHTING PLAN 12
(INITIAL ILLUMINATION LEVELS)
SOUTH SECTION
HOPEWELL PARC
SITUATED IN

HOPEWELL TOWNSHIP
SCALE 1"= 40'
DRAWN BY JR
DATE 12/16/20
CHECKED BY CS
DATE 12/16/20
FIELD BK PAGE
ORDER NO. 45501-400-21
FILE NO. 203-A-1
SHEET No. LG2.12A

LUMINAIRE SCHEDULE							
SYMBOL	TYPE	MANUFACTURER	CATALOG NUMBER	MOUNTING SURFACE	VOLTAGE	LAMP WATTS	DESCRIPTION
	SD1	LITHONIA	ARAC2 LED-P1-30K-MVOLT-PE-FINISH		TBD	11W	LED WALL MOUNTED AREA LIGHT, FULL CUT-OFF WITH TYPE III DISTRIBUTION, DIFFUSED LENS FOR GLARE CONTROL, INTEGRAL PHOTOCELL FOR DUSK-TO-DAWN OPERATION, 1502 DELIVERED LUMENS.
	VF1	AMERICAN ELECTRIC	ARDL-XL-P30-AS-30K-R5-AY-FINISH	POLE	TBD	46W	LED DECORATIVE STREET LUMINAIRE, 12'-0" POLE, TYPE V DISTRIBUTION, ACRYLIC DIFFUSER FOR GLARE CONTROL, INTEGRAL PHOTOCELL FOR DUSK-TO-DAWN OPERATION, 4991 DELIVERED LUMENS.
	VF1-H	AMERICAN ELECTRIC	ARDL-XL-P30-AS-30K-R5-AY-FINISH-H SB	POLE	TBD	46W	SAME AS VF1 EXCEPT HOUSE SIDE SHIELD.
NOTE: 1. BECAUSE THIS IS A RESIDENTIAL DEVELOPMENT WITH 24-HOUR ACCESS ALL LIGHTING SHALL REMAIN ON FROM DUSK-TO-DAWN							

CALCULATION SUMMARY (INITIAL)							
LABEL	LLF	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
PARKING AREAS							
NORTH APARTMENT BUILDING	1.0	FC	0.68	3.3	0.0	N/A	N/A
SOUTH REC BUILDINGS	1.0	FC	0.84	2.6	0.2	4.20	12.50
SOUTH APARTMENT BUILDING 1	1.0	FC	0.98	2.8	0.2	2.90	14.00
SOUTH APARTMENT BUILDING 2	1.0	FC	0.95	2.8	0.1	9.50	28.00
PRIMARY ROADS							
ROAD A	1.0	FC	0.92	3.1	0.0	N/A	N/A
ROAD B	1.0	FC	0.91	2.8	0.1	9.10	28.00
ROAD D	1.0	FC	1.03	3.0	0.2	5.15	15.00
ROAD G	1.0	FC	0.81	2.6	0.2	4.05	13.00
SECONDARY ROADS							
ROAD C	1.0	FC	0.86	2.6	0.1	8.60	26.00
ROAD E	1.0	FC	0.91	2.6	0.2	4.55	13.00
ROAD F	1.0	FC	0.88	2.6	0.1	8.80	26.00
ROAD H	1.0	FC	0.87	3.9	0.1	8.70	39.00
ROAD I	1.0	FC	0.83	2.6	0.1	8.30	26.00
ROAD J	1.0	FC	0.92	2.6	0.1	9.20	26.00
ROAD K	1.0	FC	0.93	2.6	0.1	9.30	26.00
ROAD L	1.0	FC	0.85	2.6	0.1	8.50	26.00
ALLEYS							
ALLEY 1	1.0	FC	0.82	2.6	0.0	N/A	N/A
ALLEY A	1.0	FC	0.93	2.6	0.1	9.30	26.00
ALLEY B	1.0	FC	0.84	2.3	0.0	N/A	N/A
ALLEY D	1.0	FC	0.49	2.5	0.0	N/A	N/A
ALLEY E	1.0	FC	0.87	2.4	0.1	8.70	24.00
ALLEY F	1.0	FC	0.94	2.6	0.1	9.40	26.00
ALLEY G	1.0	FC	0.64	2.2	0.0	N/A	N/A
ALLEY J	1.0	FC	0.70	2.5	0.0	N/A	N/A
ALLEY K	1.0	FC	0.72	2.2	0.1	7.20	22.00
ALLEY L	1.0	FC	0.78	2.3	0.1	7.80	23.00
ALLEY M	1.0	FC	0.61	2.1	0.1	6.10	21.00
ALLEY N	1.0	FC	0.66	2.5	0.1	6.60	25.00
ALLEY O	1.0	FC	0.68	2.5	0.1	6.80	25.00
ALLEY P	1.0	FC	0.67	2.5	0.1	6.70	25.00
ALLEY Q	1.0	FC	0.67	2.2	0.1	6.70	22.00
ALLEY R	1.0	FC	0.63	2.5	0.0	N/A	N/A
SERVICE ROAD							
NORTH SERVICE ROAD	1.0	FC	0.71	2.5	0.0	N/A	N/A

CALCULATION SUMMARY (MAINTAINED)							
LABEL	LLF	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
PARKING AREAS							
NORTH APARTMENT BUILDING	0.9	FC	0.61	3.0	0.0	N/A	N/A
SOUTH REC BUILDINGS	0.9	FC	0.76	2.2	0.2	3.60	11.00
SOUTH APARTMENT BUILDING 1	0.9	FC	0.88	2.5	0.2	4.40	12.50
SOUTH APARTMENT BUILDING 2	0.9	FC	0.85	2.5	0.1	8.50	25.00
PRIMARY ROADS							
ROAD A	0.9	FC	0.83	2.8	0.0	N/A	N/A
ROAD B	0.9	FC	0.82	2.5	0.1	8.20	25.00
ROAD D	0.9	FC	0.93	2.7	0.2	4.85	13.50
ROAD G	0.9	FC	0.74	2.3	0.1	7.40	23.00
SECONDARY ROADS							
ROAD C	0.9	FC	0.77	2.3	0.1	7.70	23.00
ROAD E	0.9	FC	0.82	2.3	0.2	4.10	11.50
ROAD F	0.9	FC	0.79	2.3	0.1	7.90	23.00
ROAD H	0.9	FC	0.78	3.5	0.1	7.80	35.00
ROAD I	0.9	FC	0.75	2.3	0.1	7.50	23.00
ROAD J	0.9	FC	0.82	2.3	0.1	8.20	23.00
ROAD K	0.9	FC	0.83	2.4	0.1	8.30	24.00
ROAD L	0.9	FC	0.77	2.3	0.1	7.70	23.00
ALLEYS							
ALLEY 1	0.9	FC	0.55	2.3	0.0	N/A	N/A
ALLEY A	0.9	FC	0.84	2.3	0.1	8.40	23.00
ALLEY B	0.9	FC	0.57	2.1	0.0	N/A	N/A
ALLEY D	0.9	FC	0.44	2.2	0.0	N/A	N/A
ALLEY E	0.9	FC	0.79	2.2	0.1	7.90	22.00
ALLEY F	0.9	FC	0.85	2.4	0.1	8.50	24.00
ALLEY G	0.9	FC	0.58	2.0	0.0	N/A	N/A
ALLEY J	0.9	FC	0.63	2.2	0.0	N/A	N/A
ALLEY K	0.9	FC	0.65	2.0	0.1	6.50	20.00
ALLEY L	0.9	FC	0.71	2.0	0.1	7.10	20.00
ALLEY M	0.9	FC	0.56	1.9	0.1	5.60	19.00
ALLEY N	0.9	FC	0.59	2.3	0.1	5.90	23.00
ALLEY O	0.9	FC	0.61	2.3	0.1	6.10	23.00
ALLEY P	0.9	FC	0.60	2.3	0.1	6.00	23.00
ALLEY Q	0.9	FC	0.60	2.0	0.1	6.00	20.00
ALLEY R	0.9	FC	0.56	2.2	0.0	N/A	N/A
SERVICE ROAD							
NORTH SERVICE ROAD	0.9	FC	0.63	2.2	0.0	N/A	N/A

BEAM

ILLUMINATING ARCHITECTURE

ARC2 LED Architectural Wall Luminaire

Depth (D1): 9.25"
Depth (D2): 7.5"
Width: 5"
Weight: 11 lbs (without options)

Specifications

Depth (D1): 9.25"
Depth (D2): 7.5"
Width: 5"
Weight: 11 lbs (without options)

Introduction

The Lithonia Lighting ARC2 LED wall-mounted luminaires provide both architectural styling and visually comfortable illumination while providing the high energy savings and low initial costs for quick financial payback.

ARC2 delivers up to 6,500 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. It offers integrated emergency battery backup options, including an 8W cold temperature option, making it suitable for pedestrian scale applications in any environment.

ARC LED Family Overview

Luminaire	Standard (FC, VCC)	CRAB, 30°C	Relative to lumens (100%)
ARC2 LED	4W	—	1.00
ARC2 LED	4W	8W	1.00

Ordering Information

EXAMPLE: ARC2 LED P2 40K MVOLT PE DBBWD

Series	Package	Color Temperature	Wattage	Options	Notes
ARC2 LED	P1	3000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P2	4000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P3	5000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P4	6000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P5	7000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P6	8000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P7	9000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P8	10000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P9	11000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P10	12000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P11	13000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P12	14000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P13	15000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P14	16000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P15	17000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P16	18000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P17	19000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P18	20000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P19	21000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P20	22000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P21	23000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P22	24000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P23	25000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P24	26000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P25	27000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P26	28000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P27	29000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P28	3000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P29	4000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P30	5000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P31	6000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P32	7000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P33	8000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P34	9000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P35	10000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P36	11000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P37	12000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P38	13000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P39	14000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P40	15000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P41	16000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P42	17000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P43	18000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P44	19000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P45	20000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P46	21000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P47	22000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P48	23000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P49	24000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P50	25000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P51	26000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P52	27000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P53	28000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P54	29000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P55	3000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P56	4000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P57	5000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P58	6000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P59	7000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P60	8000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P61	9000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P62	10000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P63	11000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P64	12000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P65	13000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P66	14000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P67	15000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P68	16000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P69	17000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P70	18000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P71	19000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P72	20000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P73	21000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)
ARC2 LED	P74	22000K	40W	DBBWD	Emergency battery backup, CC compliant (80°C max)

RSS Round Straight Steel Pole

TECHNICAL INFORMATION — (Pole Weight) 1.8 kg/m

Catalog number	Nominal shaft length (ft) ¹	Pole shaft OD (in. (ft))	Wall thickness (in.)	80 mph	Max weight	90 mph	Max weight	100 mph	Max weight	Bolt OD (in. (ft. x in.))	Approximate shaft weight (kg)
RSS10-10	1	4.5 x 0.60	0.10	26.7	6.30	10.7	49.0	36.0	43.0	3/4" (1.5 x 1.2)	55
RSS10-15	10	3.5 x 0.58	0.10	18.8	2.00	17.7	10.8	6.8	10.5	3/4" (1.5 x 1.2)	50
RSS10-20	20	4.5 x 0.60	0.10	30.1	6.80	15	35.5	13.5	30.5	3/4" (1.5 x 1.2)	70
RSS10-25	25	4.5 x 0.60	0.10	35.5	8.5	18.7	40.5	15.5	35.5	3/4" (1.5 x 1.2)	85
RSS10-30	30	3.8 x 0.58	0.10	38.7	10.5	58	66.4	30.0	58.5	3/4" (1.5 x 1.2)	90
RSS10-40	40	4.5 x 0.60	0.10	58.8	20.0	11.8	268	35	240	3/4" (1.5 x 1.2)	120
RSS10-50	50	4.5 x 0.60	0.10	80.8	40.0	15.7	395	10.7	338	3/4" (1.5 x 1.2)	150
RSS10-60	60	3.8 x 0.58	0.10	6.8	17.5	4.4	130	3.3	80	3/4" (1.5 x 1.2)	70
RSS10-70	70	4.5 x 0.60	0.10	10.2	30.0	6.8	235	7.6	165	3/4" (1.5 x 1.2)	100
RSS10-80	80	3.8 x 0.58	0.10	16.2	40.5	12.8	330	10.5	240	3/4" (1.5 x 1.2)	110
RSS10-90	90	4.5 x 0.60	0.10	22.8	50.0	15.5	239	25	200	3/4" (1.5 x 1.2)	120
RSS10-100	100	3.8 x 0.58	0.10	4.4	17.5	3.3	168	3.3	40	3/4" (1.5 x 1.2)	110
RSS10-110	110	4.5 x 0.60	0.10	5.5	23.5	1.4	185	5.5	130	3/4" (1.5 x 1.2)	100
RSS10-120	120	4.5 x 0.60	0.10	11.5	30.0	10.2	265	8.2	150	3/4" (1.5 x 1.2)	110
RSS10-130	130	3.8 x 0.58	0.10	3.4	10	2.3	60	1.4	30	3/4" (1.5 x 1.2)	90
RSS10-140	140	4.5 x 0.60	0.10	7.6	10.5	1.7	180	4.5	130	3/4" (1.5 x 1.2)	110
RSS10-150	150	4.5 x 0.60	0.10	20.5	8.2	2.9	45	9.5	90	3/4" (1.5 x 1.2)	110
RSS10-160	20	3.8 x 0.58	0.10	2.4	10.0	1.4	75	—	—	3/4" (1.5 x 1.2)	100
RSS10-170	20	4.5 x 0.60	0.10	6.8	40.0	4.0	120	3.6	100	3/4" (1.5 x 1.2)	110
RSS10-180	20	4.5 x 0.60	0.10	8.5	25.0	6.8	165	5.2	130	3/4" (1.5 x 1.2)	100
RSS10-190	20	3.8 x 0.58	0.10	11.75	10.0	1.5	219	2.25	180	3/4" (1.5 x 1.2)	145
RSS10-200	20	4.5 x 0.60	0.10	1.4	120	4.5	135	1.9	75	3/4" (1.5 x 1.2)	145
RSS10-210	20	4.5 x 0.60	0.10	28.5	10.5	1.35	75	1.35	75	3/4" (1.5 x 1.2)	145
RSS10-220	20	4.5 x 0.60	0.10	4.8	10.5	1.35	75	1.35	75	3/4" (1.5 x 1.2)	145
RSS10-230	20	5.6 x 0.60	0.10	2.25	18.5	5.0	108	4.25	150	3/4" (1.5 x 1.2)	188
RSS10-240	20	5.6 x 0.60	0.10	2.25	18.5	5.0	15	5.0	40	3/4" (1.5 x 1.2)	188
RSS10-250	20	5.6 x 0.60	0.10	4.2	10.5	1.35	125	2.25	100	3/4" (1.5 x 1.2)	178

¹ 8" and less sized RSS 150 mounting for 10' to 150' towers, and 6" dia pole height for 20' to 24' single 20' poles.

BASE DETAIL

POLE DETAIL

Base hole size	Bolt hole size	Bolt projection H	Base plate diameter	Template description	Anchor bolt description
Ø 10"	1.5" - 1.65"	1.50" - 1.25"	15.50"	ART15PATTLE-FLATIRON	ARB-10
Ø 12"	1.5" - 1.65"	1.50" - 1.25"	17.50"	ART17PATTLE-FLATIRON	ARB-12</

12'-0"

LUMINAIRE

POLE

BASE COVER

NOTE:
REFER TO CIVIL DRAWINGS
FOR FOUNDATION DETAILS

1
LG3.01

VF1 & VF1-H ELEVATION

1/2" = 1'-0"