

L1.1 L1.2 L1.3 L1.4 L1.5 L1.6 L1.7 L1.8

Photometrics Calculation Software Generated Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts	Description
⊙	19	SA	SINGLE	13872	13872	1.000	101.3	101.3	STREETWORKS: ACN-080-LED-D-U-33-X-4-3-BK-4N7 ON 18" STRESSCRETE POLE

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	
DUNDAS CT - NE 9TH ST	Illuminance	Fc	1.35	3.5	0.5	2.70	7.00	
N 10TH ST - DUNDAS CT	Illuminance	Fc	1.30	3.4	0.5	2.60	6.80	
N 11TH ST - N 10TH ST	Illuminance	Fc	1.33	3.4	0.5	2.66	6.80	
N 12TH ST - N 11TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75	
N 13TH ST - N 12TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75	
NE 9TH ST - NE 8TH ST	Illuminance	Fc	1.22	2.6	0.4	3.05	6.50	



Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions. This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

NOTES:

No.	Revision/Issue	Date
1	PHOTOMETRIC STUDY	06/02/18

LIGHTING DYNAMICS, INC.
 7835 West Commercial Blvd.
 Tamarac, FL 33351
 (954) 944-0286
www.lightingdynamics.com

Project Name and Address

**FT PIERCE AVENUE B
 LIGHTING STUDY
 Fort Pierce, FL**

FILE P:\PROJECTS\2021\FEB
 CLIENT Culpepper & Terpening Inc.

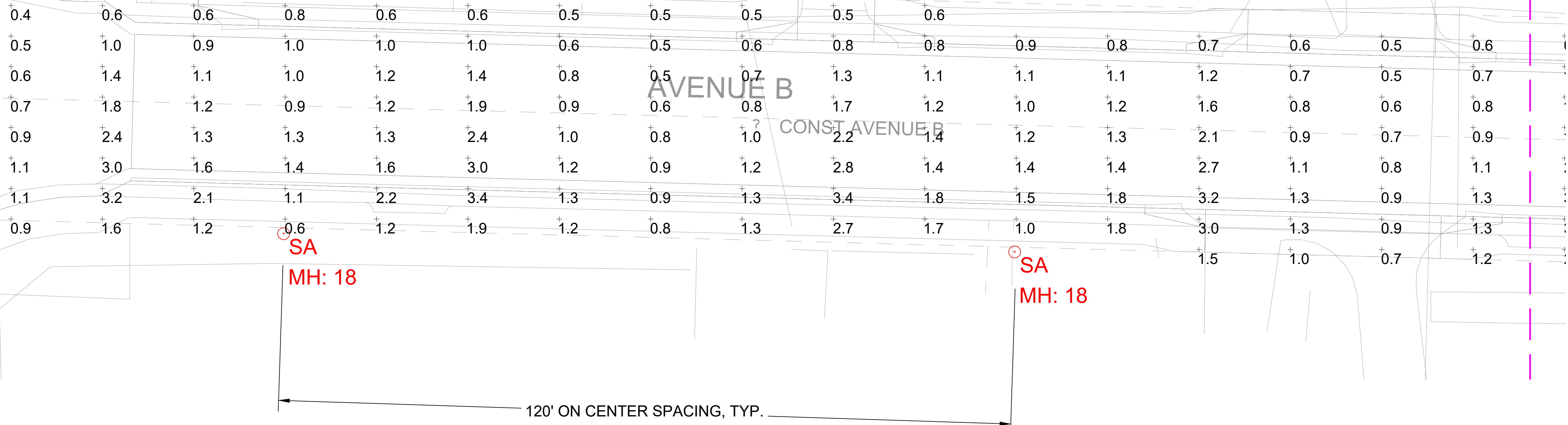
Project	FT PIERCE AVE. B	Sheet	L1
Date	02/18/2021		
Scale	1" = 100'	DRAWN BY S.D. RAGUSA	

NORTH 13TH STREET



Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions. This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

NOTES:



Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts	Description
⊙	19	SA	SINGLE	13872	13872	1.000	101.3	101.3	STREETWORKS: ACN-080-LED-D-U-33-X-4-3-BK-4N7 ON 18" STRESSCRETE POLE

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DUNDAS CT - NE 9TH ST	Illuminance	Fc	1.35	3.5	0.5	2.70	7.00
N 10TH ST - DUNDAS CT	Illuminance	Fc	1.30	3.4	0.5	2.60	6.80
N 11TH ST - N 10TH ST	Illuminance	Fc	1.33	3.4	0.5	2.66	6.80
N 12TH ST - N 11TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
N 13TH ST - N 12TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
NE 9TH ST - NE 8TH ST	Illuminance	Fc	1.22	2.6	0.4	3.05	6.50

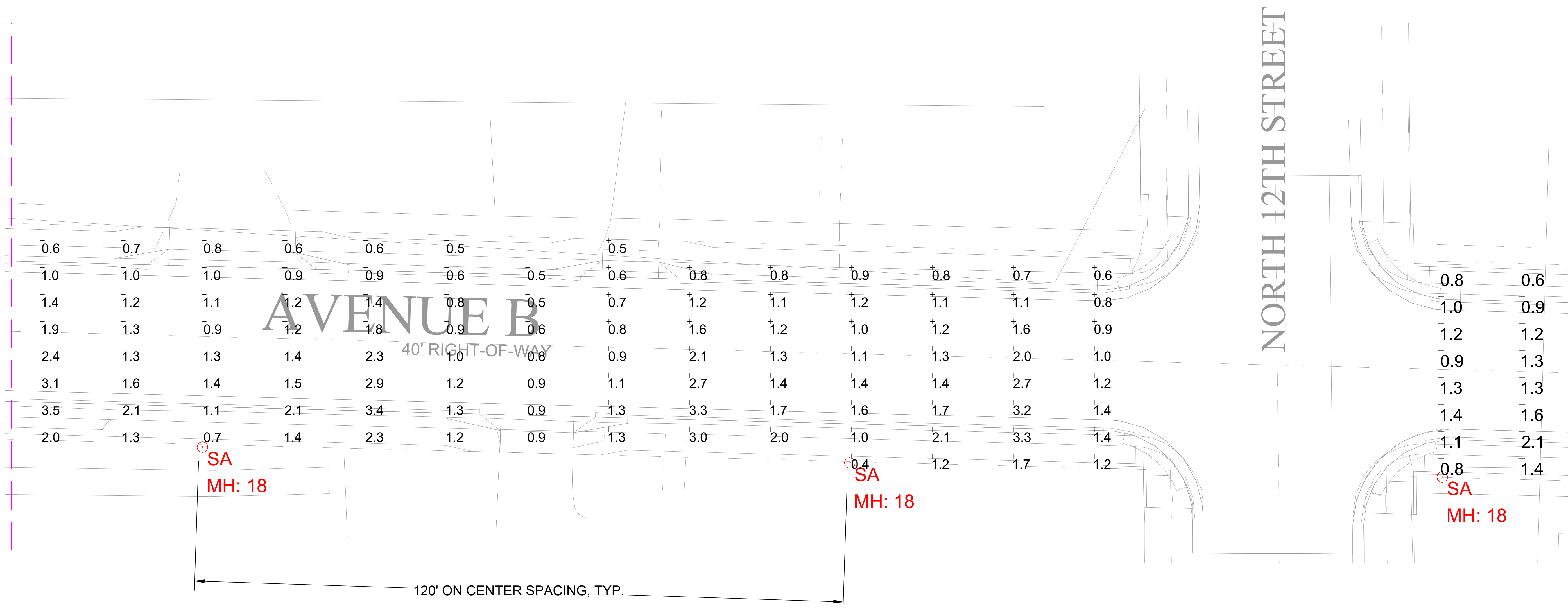
No.	Revision/Issue	Date
1	PHOTOMETRIC STUDY	02/18/21

LIGHTING DYNAMICS, INC.
 7835 West Commercial Blvd.
 Tamarac, FL 33351
 (954) 944-0286
www.lightingdynamics.com

Project Name and Address
**FT PIERCE AVENUE B
 LIGHTING STUDY
 Fort Pierce, FL**

FILE P:\PROJECTS\2021\FEB
 CLIENT Culpepper & Terpening Inc.

Project FT PIERCE AVE. B Sheet
 Date 02/18/2021 **L1.1**
 Scale 1" = 10' DRAWN BY
 S.D. RAGUSA



Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions. This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

NOTES:

Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts	Description
⊙	19	SA	SINGLE	13872	13872	1.000	101.3	101.3	STREETWORKS: ACN-080-LED-D-U-33-X-4-3-BK-4N7 ON 18" STRESSCRETE POLE

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DUNDAS CT - NE 9TH ST	Illuminance	Fc	1.35	3.5	0.5	2.70	7.00
N 10TH ST - DUNDAS CT	Illuminance	Fc	1.30	3.4	0.5	2.60	6.80
N 11TH ST - N 10TH ST	Illuminance	Fc	1.33	3.4	0.5	2.66	6.80
N 12TH ST - N 11TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
N 13TH ST - N 12TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
NE 9TH ST - NE 8TH ST	Illuminance	Fc	1.22	2.6	0.4	3.05	6.50

No.	Revision/Issue	Date
1	PHOTOMETRIC STUDY	02/18/21

LIGHTING DYNAMICS, INC.
 7835 West Commercial Blvd.
 Tamarac, FL 33351
 (954) 944-0286
www.lightingdynamics.com

Project Name and Address
**FT PIERCE AVENUE B
 LIGHTING STUDY
 Fort Pierce, FL**

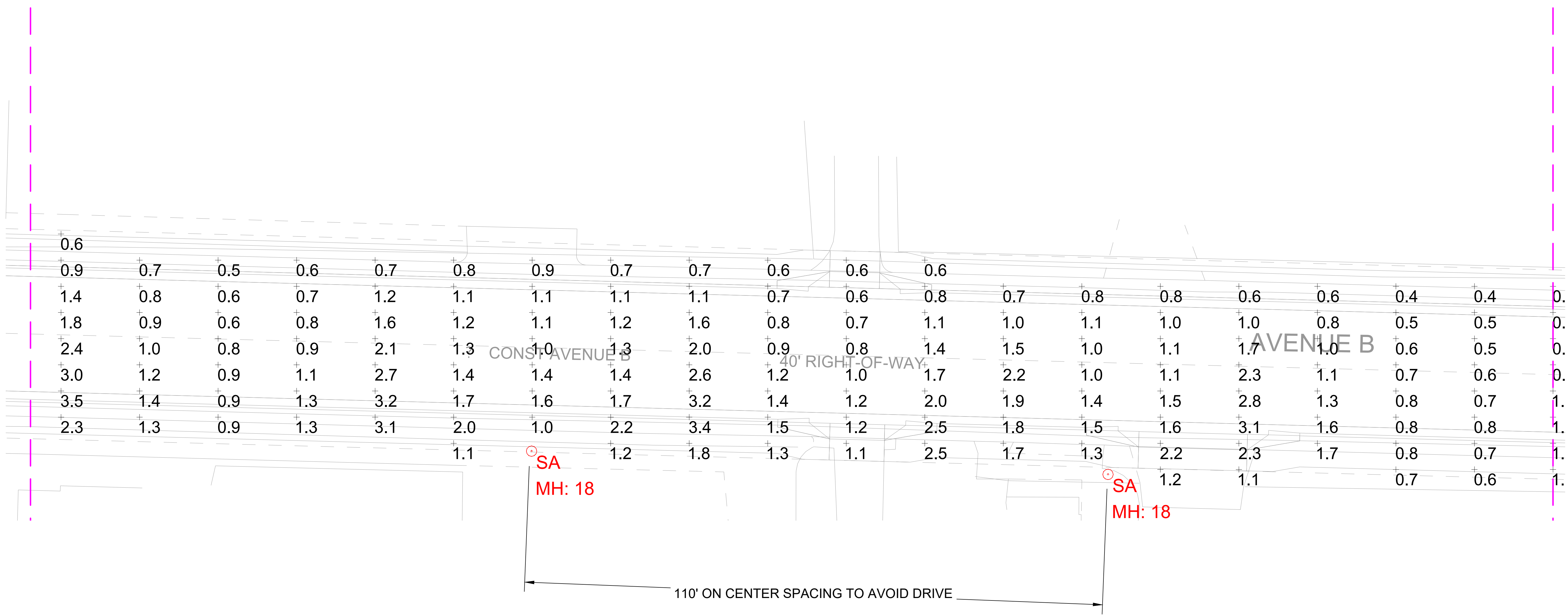
FILE P:\PROJECTS\2021\FEB
 CLIENT Culpepper & Terpening Inc.

Project FT PIERCE AVE. B Sheet
 Date 02/18/2021 **L1.2**
 Scale 1" = 10' DRAWN BY
 S.D. RAGUSA



Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions. This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

NOTES:



Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts	Description
⊙	19	SA	SINGLE	13872	13872	1.000	101.3	101.3	STREETWORKS: ACN-080-LED-D-U-33-X-4-3-BK-4N7 ON 18" STRESSCRETE POLE

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DUNDAS CT - NE 9TH ST	Illuminance	Fc	1.35	3.5	0.5	2.70	7.00
N 10TH ST - DUNDAS CT	Illuminance	Fc	1.30	3.4	0.5	2.60	6.80
N 11TH ST - N 10TH ST	Illuminance	Fc	1.33	3.4	0.5	2.66	6.80
N 12TH ST - N 11TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
N 13TH ST - N 12TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
NE 9TH ST - NE 8TH ST	Illuminance	Fc	1.22	2.6	0.4	3.05	6.50

1	PHOTOMETRIC STUDY	02/18/21
No.	Revision/Issue	Date

LIGHTING DYNAMICS, INC.
 7835 West Commercial Blvd.
 Tamarac, FL 33351
 (954) 944-0286
www.lightingdynamics.com

Project Name and Address
**FT PIERCE AVENUE B
 LIGHTING STUDY
 Fort Pierce, FL**

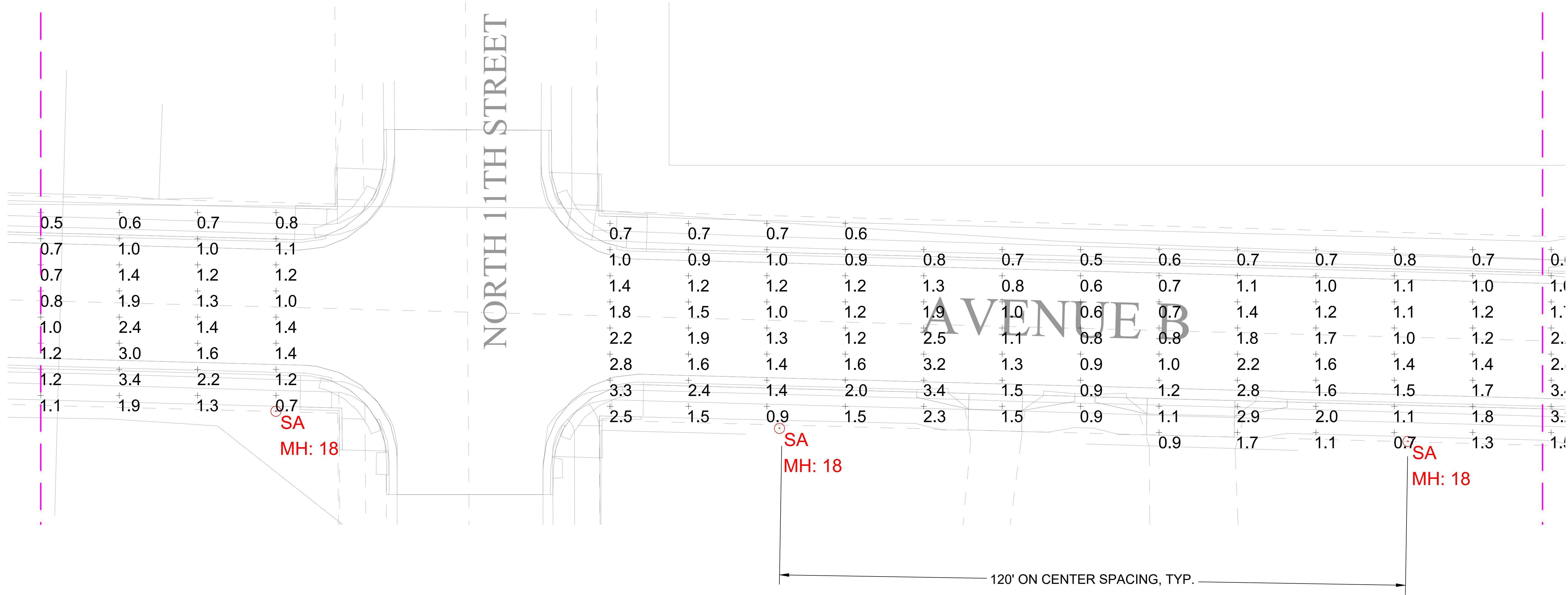
FILE P:\PROJECTS\2021\FEB
 CLIENT Culpepper & Terpening Inc.

Project FT PIERCE AVE. B Sheet
 Date 02/18/2021 **L1.3**
 Scale 1" = 10' DRAWN BY
 S.D. RAGUSA



Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions. This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

NOTES:



Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts	Description
⊙	19	SA	SINGLE	13872	13872	1.000	101.3	101.3	STREETWORKS: ACN-080-LED-D-U-33-X-4-3-BK-4N7 ON 18" STRESSCRETE POLE

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DUNDAS CT - NE 9TH ST	Illuminance	Fc	1.35	3.5	0.5	2.70	7.00
N 10TH ST - DUNDAS CT	Illuminance	Fc	1.30	3.4	0.5	2.60	6.80
N 11TH ST - N 10TH ST	Illuminance	Fc	1.33	3.4	0.5	2.66	6.80
N 12TH ST - N 11TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
N 13TH ST - N 12TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
NE 9TH ST - NE 8TH ST	Illuminance	Fc	1.22	2.6	0.4	3.05	6.50

No.	Revision/Issue	Date
1	PHOTOMETRIC STUDY	02/18/21

LIGHTING DYNAMICS, INC.
 7835 West Commercial Blvd.
 Tamarac, FL 33351
 (954) 944-0286
www.lightingdynamics.com

Project Name and Address
FT PIERCE AVENUE B
LIGHTING STUDY
Fort Pierce, FL

FILE P:\PROJECTS\2021\FEB
 CLIENT Culpepper & Terpening Inc.

Project FT PIERCE AVE. B Sheet
 Date 02/18/2021 **L1.4**
 Scale 1" = 10' DRAWN BY
 S.D. RAGUSA



Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions. This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

NOTES:

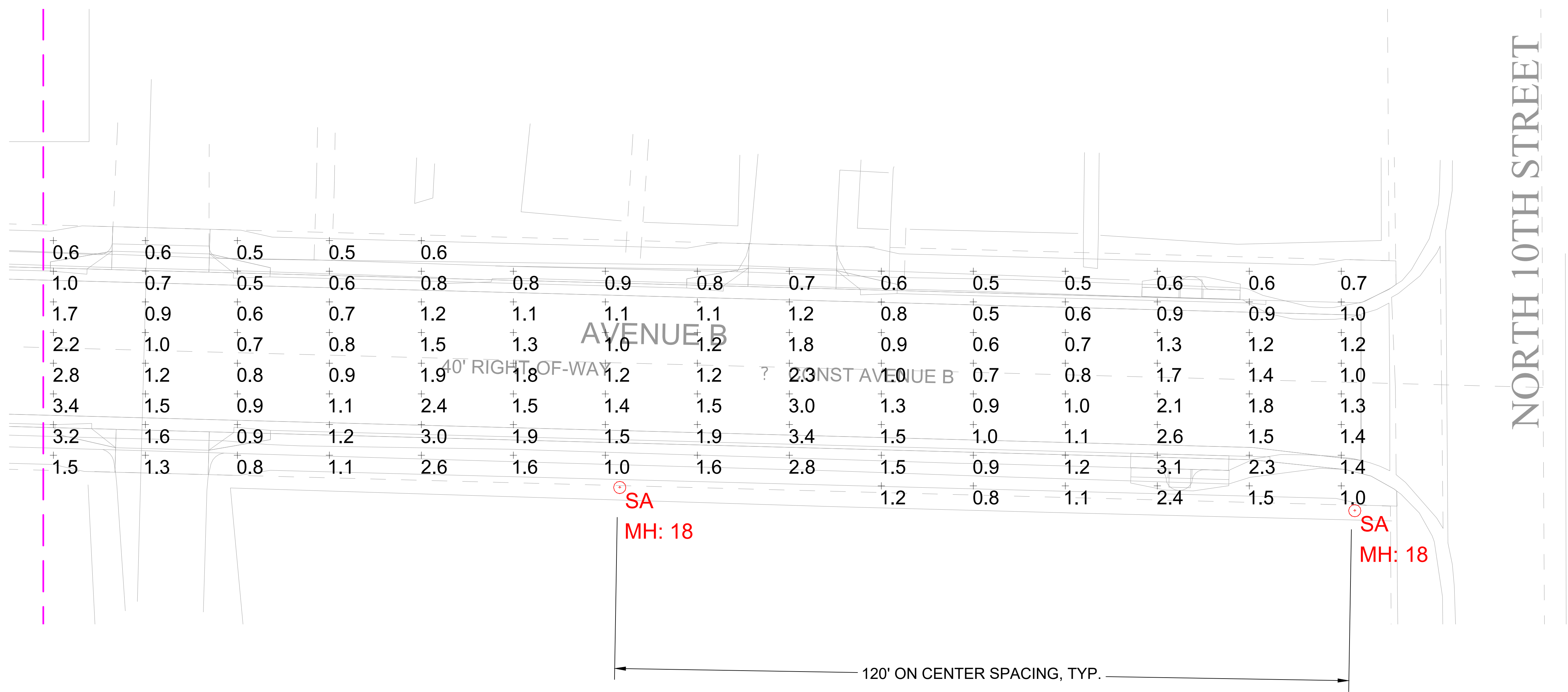
1	PHOTOMETRIC STUDY	02/18/21
No.	Revision/Issue	Date

LIGHTING DYNAMICS, INC.
 7835 West Commercial Blvd.
 Tamarac, FL 33351
 (954) 944-0286
www.lightingdynamics.com

Project Name and Address
**FT PIERCE AVENUE B
 LIGHTING STUDY
 Fort Pierce, FL**

FILE P:\PROJECTS\2021\FEB
 CLIENT Culpepper & Terpening Inc.

Project FT PIERCE AVE. B Sheet
 Date 02/18/2021 **L1.5**
 Scale 1" = 10' DRAWN BY
 S.D. RAGUSA



Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts	Description
⊙	19	SA	SINGLE	13872	13872	1.000	101.3	101.3	STREETWORKS: ACN-080-LED-D-U-33-X-4-3-BK-4N7 ON 18" STRESSCRETE POLE

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DUNDAS CT - NE 9TH ST	Illuminance	Fc	1.35	3.5	0.5	2.70	7.00
N 10TH ST - DUNDAS CT	Illuminance	Fc	1.30	3.4	0.5	2.60	6.80
N 11TH ST - N 10TH ST	Illuminance	Fc	1.33	3.4	0.5	2.66	6.80
N 12TH ST - N 11TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
N 13TH ST - N 12TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
NE 9TH ST - NE 8TH ST	Illuminance	Fc	1.22	2.6	0.4	3.05	6.50



Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions. This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

NOTES:

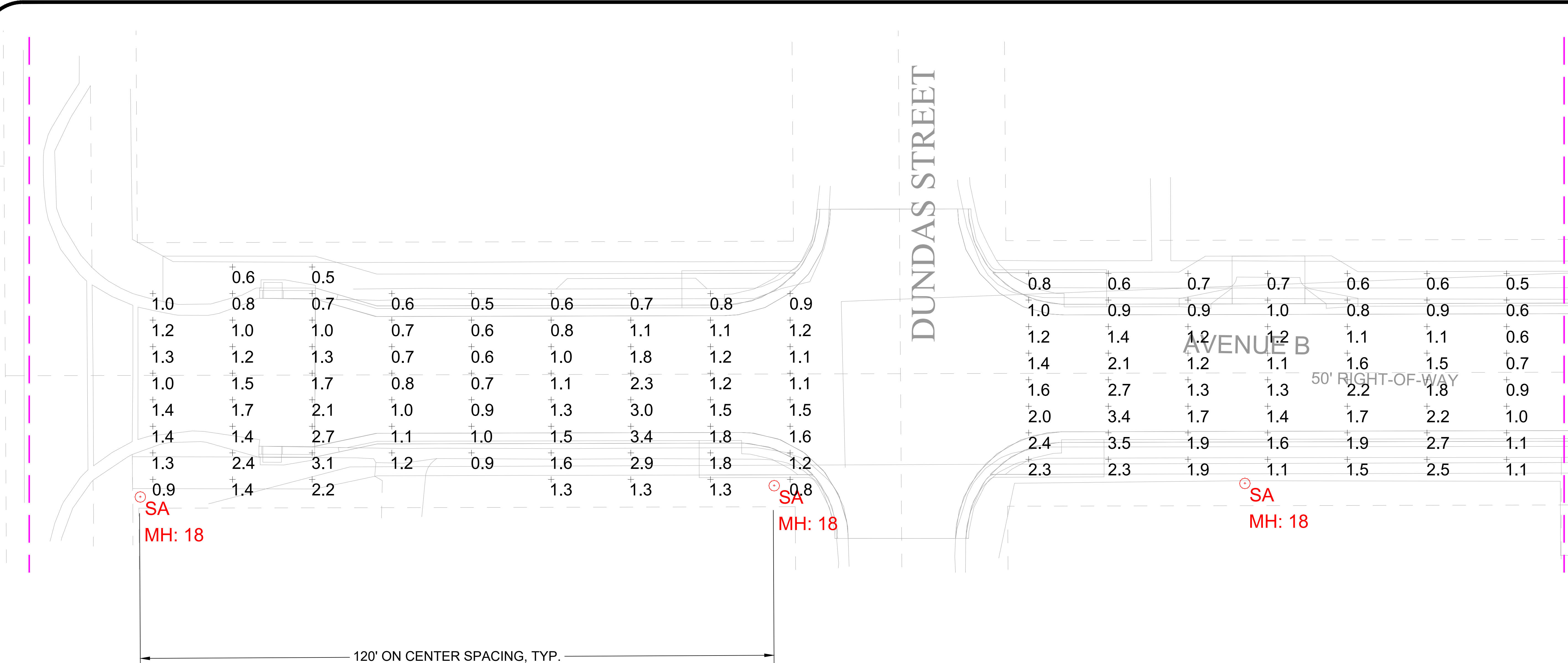
1	PHOTOMETRIC STUDY	02/18/21
No.	Revision/Issue	Date

LIGHTING DYNAMICS, INC.
 7835 West Commercial Blvd.
 Tamarac, FL 33351
 (954) 944-0286
www.lightingdynamics.com

Project Name and Address
FT PIERCE AVENUE B
LIGHTING STUDY
Fort Pierce, FL

FILE P:\PROJECTS\2021\FEB
 CLIENT Culpepper & Terpening Inc.

Project	FT PIERCE AVE. B	Sheet	L1.5
Date	02/18/2021		
Scale	1" = 10'	DRAWN BY S.D. RAGUSA	



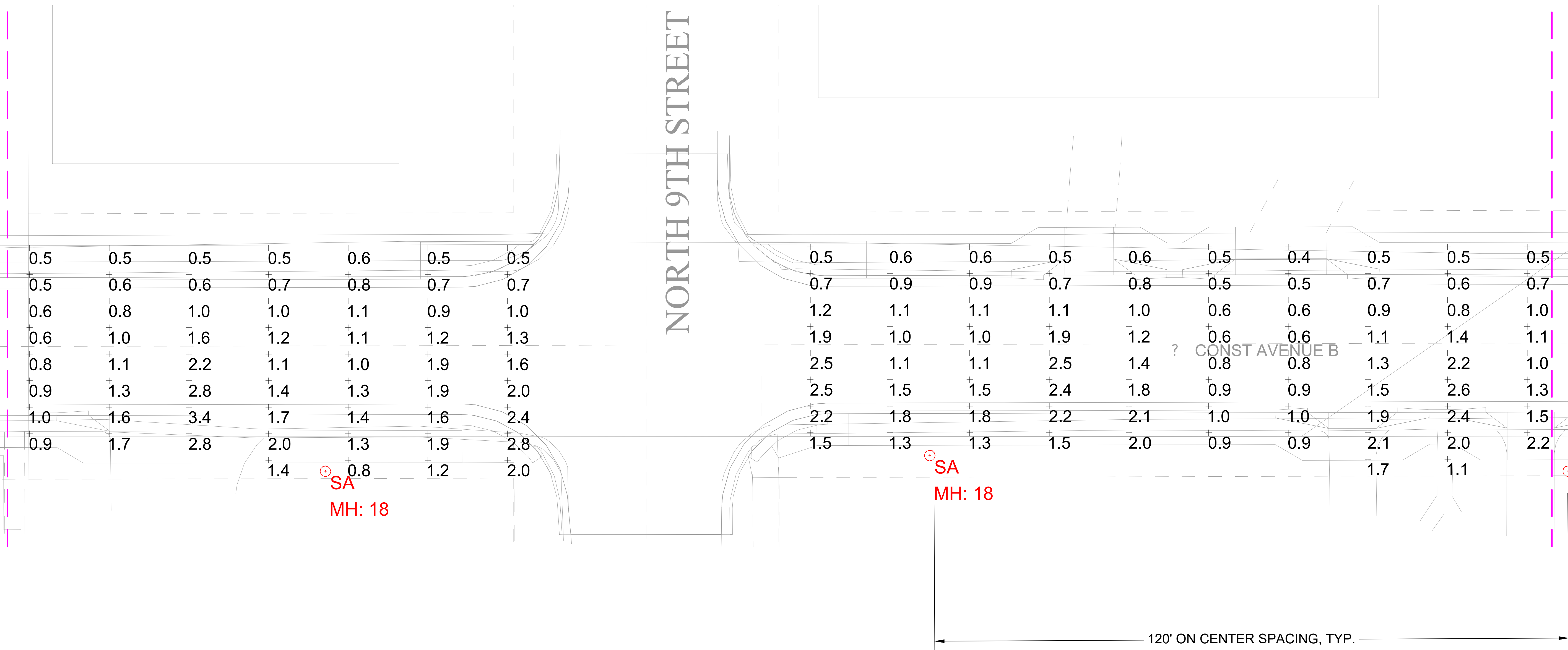
Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts	Description
⊙	19	SA	SINGLE	13872	13872	1.000	101.3	101.3	STREETWORKS: ACN-080-LED-D-U-33-X-4-3-BK-4N7 ON 18" STRESSCRETE POLE

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DUNDAS CT - NE 9TH ST	Illuminance	Fc	1.35	3.5	0.5	2.70	7.00
N 10TH ST - DUNDAS CT	Illuminance	Fc	1.30	3.4	0.5	2.60	6.80
N 11TH ST - N 10TH ST	Illuminance	Fc	1.33	3.4	0.5	2.66	6.80
N 12TH ST - N 11TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
N 13TH ST - N 12TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
NE 9TH ST - NE 8TH ST	Illuminance	Fc	1.22	2.6	0.4	3.05	6.50



Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions. This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

NOTES:



Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts	Description
⊙	19	SA	SINGLE	13872	13872	1.000	101.3	101.3	STREETWORKS: ACN-080-LED-D-U-33-X-4-3-BK-4N7 ON 18" STRESSCRETE POLE

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DUNDAS CT - NE 9TH ST	Illuminance	Fc	1.35	3.5	0.5	2.70	7.00
N 10TH ST - DUNDAS CT	Illuminance	Fc	1.30	3.4	0.5	2.60	6.80
N 11TH ST - N 10TH ST	Illuminance	Fc	1.33	3.4	0.5	2.66	6.80
N 12TH ST - N 11TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
N 13TH ST - N 12TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
NE 9TH ST - NE 8TH ST	Illuminance	Fc	1.22	2.6	0.4	3.05	6.50

No.	Revision/Issue	Date
1	PHOTOMETRIC STUDY	02/18/21

LIGHTING DYNAMICS, INC.
 7835 West Commercial Blvd.
 Tamarac, FL 33351
 (954) 944-0286
www.lightingdynamics.com

Project Name and Address
FT PIERCE AVENUE B
LIGHTING STUDY
Fort Pierce, FL

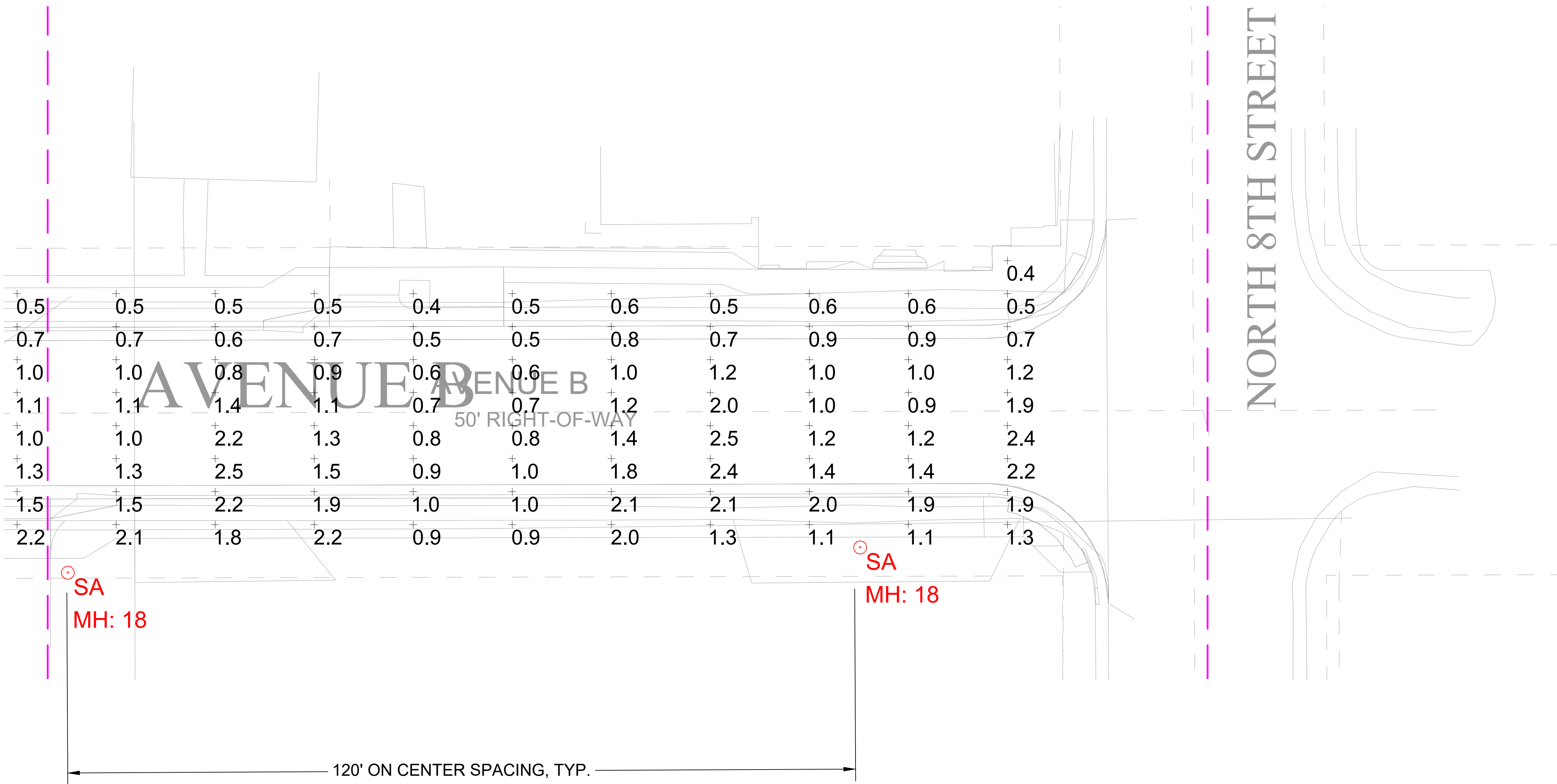
FILE P:\PROJECTS\2021\FEB
 CLIENT Culpepper & Terpening Inc.

Project FT PIERCE AVE. B Sheet
 Date 02/18/2021 **L1.7**
 Scale 1" = 10' DRAWN BY S.D. RAGUSA



Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions. This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

NOTES:



Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts	Description
⊙	19	SA	SINGLE	13872	13872	1.000	101.3	101.3	STREETWORKS: ACN-080-LED-D-U-33-X-4-3-BK-4N7 ON 18" STRESSCRETE POLE

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DUNDAS CT - NE 9TH ST	Illuminance	Fc	1.35	3.5	0.5	2.70	7.00
N 10TH ST - DUNDAS CT	Illuminance	Fc	1.30	3.4	0.5	2.60	6.80
N 11TH ST - N 10TH ST	Illuminance	Fc	1.33	3.4	0.5	2.66	6.80
N 12TH ST - N 11TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
N 13TH ST - N 12TH ST	Illuminance	Fc	1.29	3.5	0.4	3.23	8.75
NE 9TH ST - NE 8TH ST	Illuminance	Fc	1.22	2.6	0.4	3.05	6.50

1	PHOTOMETRIC STUDY	02/18/21
No.	Revision/Issue	Date

LIGHTING DYNAMICS, INC.
 7835 West Commercial Blvd.
 Tamarac, FL 33351
 (954) 944-0286
www.lightingdynamics.com

Project Name and Address
FT PIERCE AVENUE B
LIGHTING STUDY
Fort Pierce, FL

FILE P:\PROJECTS\2021\FEB
 CLIENT Culpepper & Terpening Inc.

Project FT PIERCE AVE. B Sheet
 Date 02/18/2021 **L1.8**
 Scale 1" = 10' DRAWN BY S.D. RAGUSA