

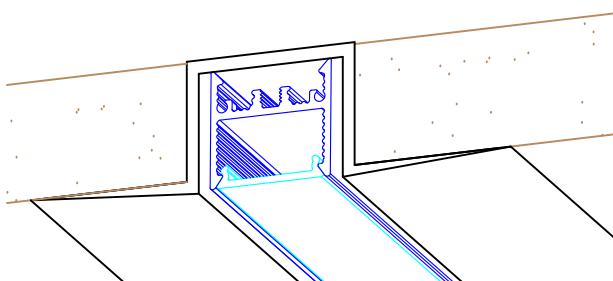
20LDL	
REVISIONS	DATE

Notes / Stamps:

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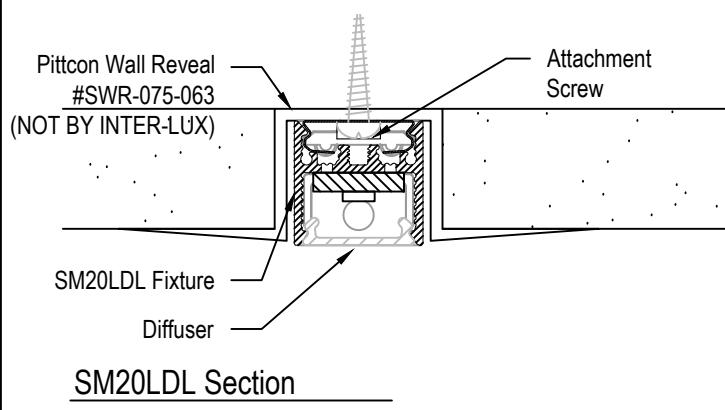
Fixture Types: K2, K12, K13

Fixture Type: KT2_SM20/S20

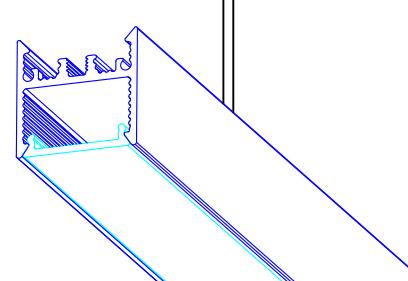


General Notes:

1. SM20LDL luminaires require evenly spaced bracket supports (supplied) 1 meter max. spacing and 2 per extrusion section minimum - note that the extrusion is 0.5 lbs. per foot and requires adequate support from the building structure.
2. LEDs, end plates, joint connectors and joint screws supplied
3. LED modules pre-installed end to end for continuous illumination.
4. Housing provided with 4 ft long, plenum-rated 18/2 cable for connecting to remote Class 2 driver (ordered separately). See layout drawing for power feed location(s). Contractor shall make up wire splices in accessible location.
5. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
6. Consult a qualified electrician to ensure correct branch conductor.
7. Do not connect to an ungrounded supply.
8. Refer to Whitegoods SM20LDL Installation Instructions for additional installation information.

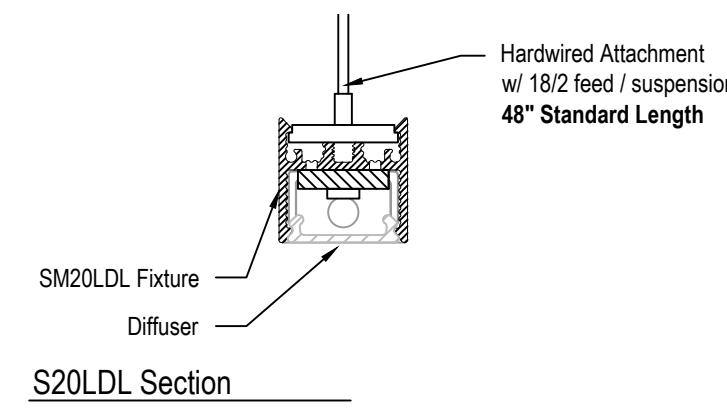


Fixture Type: KT2_SM20/S20

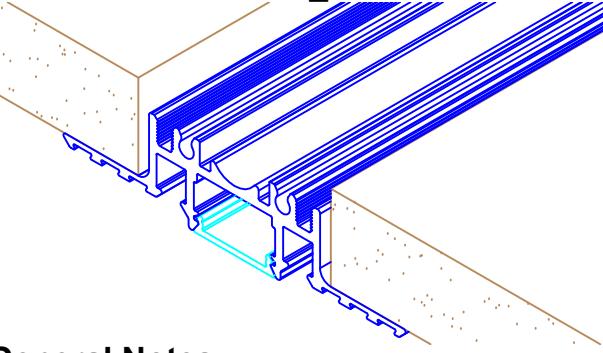


General Notes:

1. S20LDL luminaires require evenly spaced power/suspension supports (hardwired) , 2 per extrusion section minimum - note that the extrusion is 0.5 lbs. per foot and requires adequate support from the building structure.
2. LEDs, end plates, joint connectors and joint screws supplied
3. LED modules pre-installed end to end for continuous illumination.
4. Housing provided with 4 ft long, plenum-rated 18/2 cable for connecting to remote Class 2 driver (ordered separately). See layout drawing for power feed location(s). Contractor shall make up wire splices in accessible location.
5. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
6. Consult a qualified electrician to ensure correct branch conductor.
7. Do not connect to an ungrounded supply.
8. Refer to Whitegoods S20LDL Installation Instructions for additional installation information.

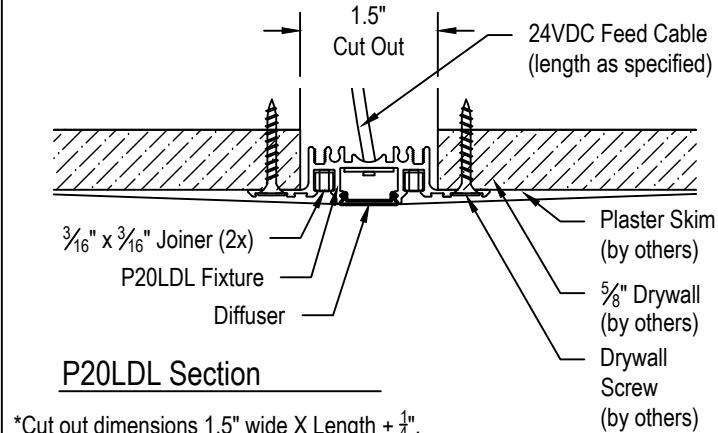


Fixture Type: KT2_P20



General Notes:

1. P20LDL luminaires require evenly spaced bracket supports (supplied) 1 meter max. spacing and 2 per extrusion section minimum - note that the extrusion is 0.5 lbs. per foot and requires adequate support from the building structure.
2. Joint connectors and joint screws supplied as required for each system.
3. End plates pre-installed..
4. LED modules pre-installed end to end for continuous illumination.
5. Housing provided with plenum-rated 18/2 cable for connecting to remote Class 2 driver (ordered separately). See layout drawing for power feed location(s). Contractor shall make up wire splices in accessible location.
6. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
7. Consult a qualified electrician to ensure correct branch conductor.
8. Do not connect to an ungrounded supply.
9. Refer to Whitegoods P20LDL Installation Instructions for additional installation information.



*Cut out dimensions 1.5" wide X Length + $\frac{1}{4}$ ".

RECORD DRAWING

DRAWN: E.BARILAR
AREA: N/A
TYPE: K2, K12, K13
SHEET: C-1

20LDL

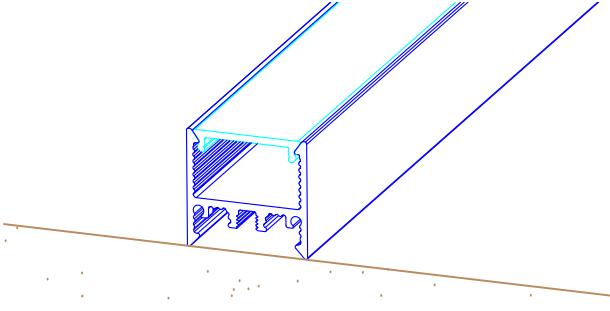
REVISIONS	DATE	REVISIONS	DATE

DULLES DISCOVERY 4 TENANT

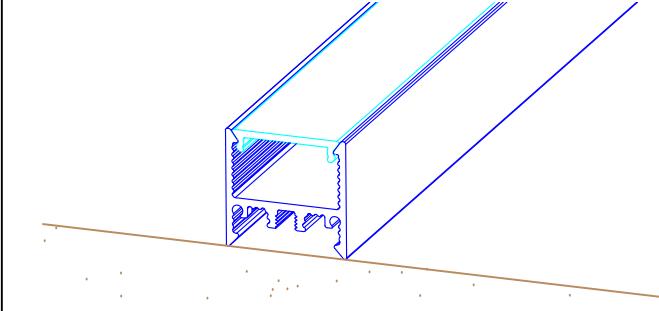
SO# 22194

Fixture Types: K2, K12, K13

Fixture Type: KT12



FIXTURE TYPE: KT13

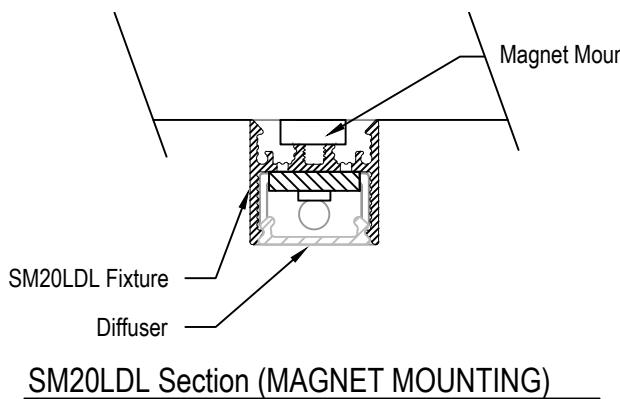


General Notes:

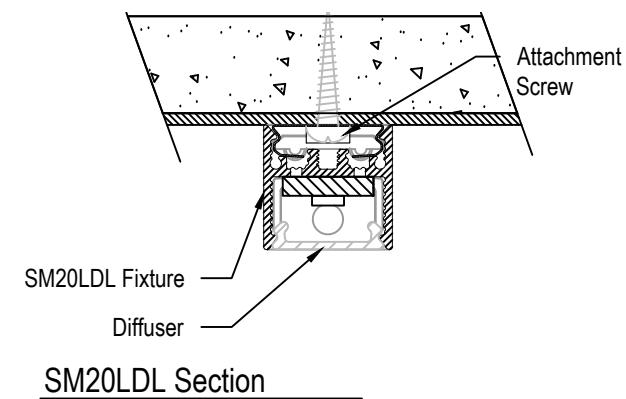
1. SM20LDL luminaires pre-assembled with magnet mounting - note that the extrusion is 0.5 lbs. per foot and requires adequate support from the building structure.
2. LEDs, end plates, joint connectors and joint screws supplied
3. LED modules pre-installed end to end for continuous illumination.
4. Housing provided with 4 ft long, plenum-rated 18/2 cable for connecting to remote Class 2 driver (ordered separately). See layout drawing for power feed location(s). Contractor shall make up wire splices in accessible location.
5. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
6. Consult a qualified electrician to ensure correct branch conductor.
7. Do not connect to an ungrounded supply.
8. Refer to Whitegoods SM20LDL Installation Instructions for additional installation information.

General Notes:

1. SM20LDL luminaires require evenly spaced bracket supports (supplied) 1 meter max. spacing and 2 per extrusion section minimum - note that the extrusion is 0.5 lbs. per foot and requires adequate support from the building structure.
2. LEDs, end plates, joint connectors and joint screws supplied
3. LED modules pre-installed end to end for continuous illumination.
4. Housing provided with 4 ft long, plenum-rated 18/2 cable for connecting to remote Class 2 driver (ordered separately). See layout drawing for power feed location(s). Contractor shall make up wire splices in accessible location.
5. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
6. Consult a qualified electrician to ensure correct branch conductor.
7. Do not connect to an ungrounded supply.
8. Refer to Whitegoods SM20LDL Installation Instructions for additional installation information.



SM20LDL Section (MAGNET MOUNTING)



SM20LDL Section

Notes / Stamps:

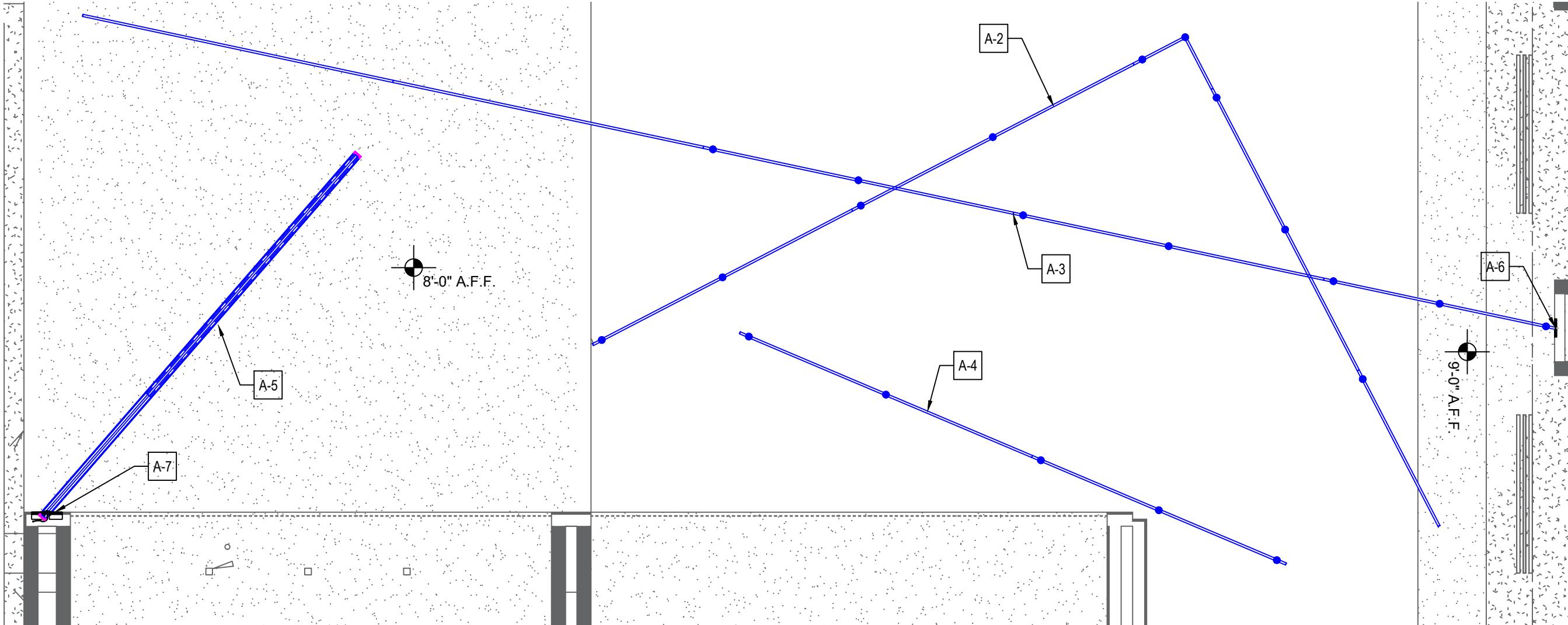
RECORD
01/16/2018

RECORD DRAWING

DRAWN: E.BARILAR
AREA: N/A
TYPE: K2, K12, K13
SHEET:
C-2

Fixture Summary

RECORD
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SHEET	QTY	CATALOG NUMBER	Fixture Type
A-2	1	WG-S20LDL-P-16'10.875"x13'11.75"-L-835-UNV-DES-OD-C4-MODSM	KT2_SM/S20LDL
A-3	1	WG-S20LDL-S-38'1"-L-835-UNV-DES-OD-C4-MODSM	KT2_SM/S20LDL
A-4	1	WG-S20LDL-S-15'0"-L-835-UNV-DES-OD-S48	KT2_S20LDL
A-5	1	WG-P20LDL-S-12'1"-L-835-UNV-DES-OD-P-C4	KT2_P20LDL
A-6	1	WG-SM20LDL-S-7'0"-L-835-UNV-DES-OD-SC-C4	KT2_SM/S20LDL
A-7	1	WG-P20LDL-S-3'0"-L-835-UNV-DES-OD-P-C4	KT2_P20LDL
A-8	2	WG-SM20LDL-S-8'0"-L-835-UNV-X-OD-MM-C4	KT12
A-9	1	WG-SM20LDL-S-13'0"-L-835-UNV-X-OD-MM-C4	KT12
A-10	78	WG-SM20LDL-PZ-2'0"x4'0"-L-835-UNV-X-OD-SC-C4-MODAA	KT13
A-11	10	WG-SM20LDL-PZ-2'0"x1'0"-L-835-UNV-X-OD-SC-C4-MODAA	KT13
A-12	3	WG-SM20LDL-S-6'0"-L-835-UNV-X-OD-SC-C4-MODAA	KT13
A-13	2	WG-SM20LDL-PZ-3'0"x3'0"-L-835-UNV-X-OD-SC-C4-MODAA	KT13
A-14	13	WG-SM20LDL-PZ-2'0"x3'0"-L-835-UNV-X-OD-SC-C4-MODAA	KT13

RECORD DRAWING

DRAWN: E.BARILAR
AREA: N/A
TYPE: KT2 (ALL)

SHEET:

A-1

Bill of Material *(quantities per area)*

QTY	CATALOG NUMBER
1	WG-S20LDL-P-16'10.875"x13'11.75"-L-835-UNV-DES-OD-C4-MODSM

consisting of:

ID	QTY	PART NUMBER
A	2	S20LDL-S-96250-L-835-OD-2SC48
B	1	S20LDL-S-88575-L-835-OD-2SC48
C	1	S20LDL-S-53200-L-835-OD-2SC48
D	1	S20LDL-C90-18000-L-835-OD-2SC48

Remote Power Supply

(4)	IL-JB-LED-24010-DES	Junction Box with Integral Lutron Driver, 1%, EcoSystem dimming, 24VDC, 120-277V, Case K, supplied in a dry location enclosure.
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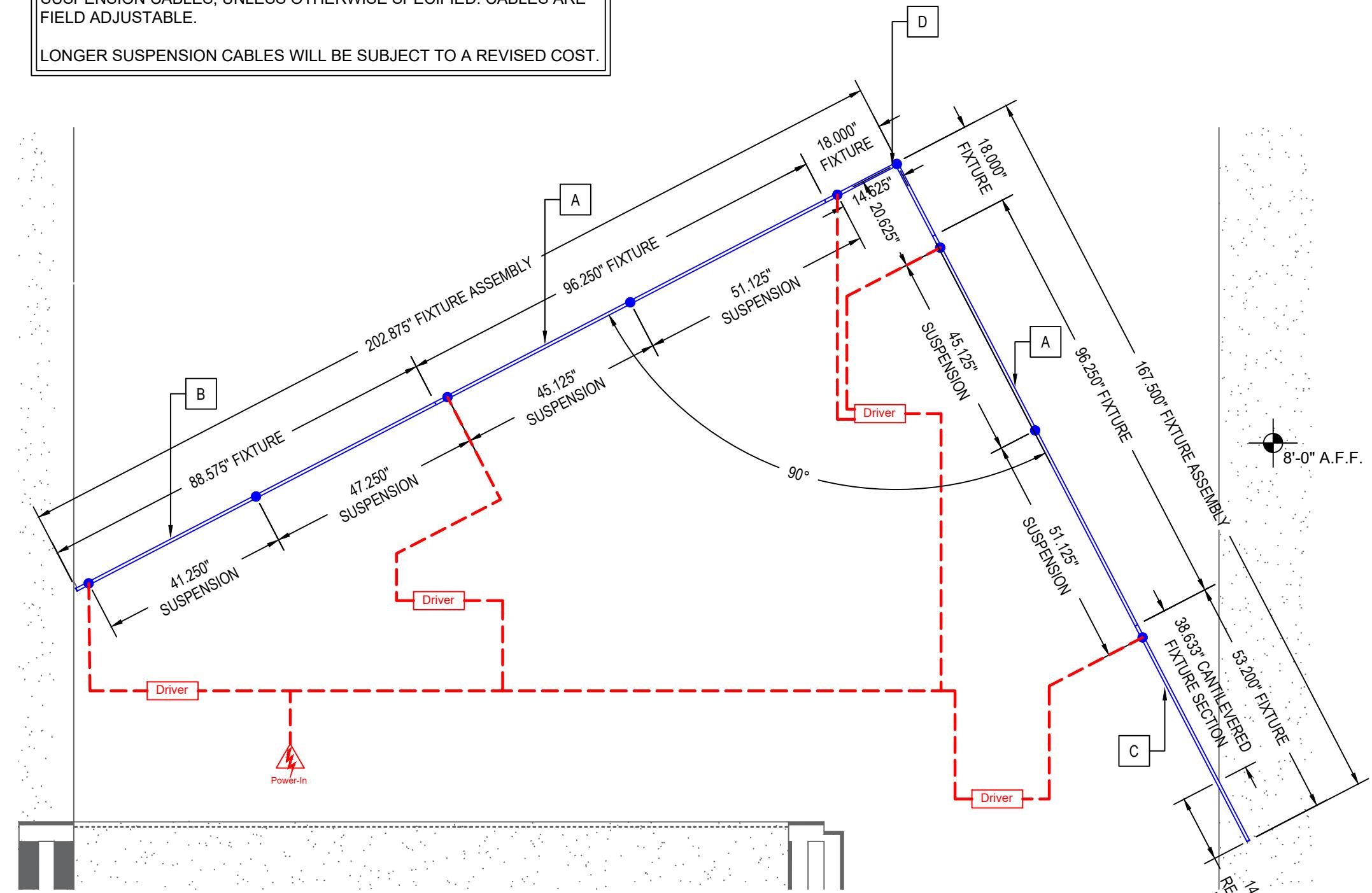
***DRIVER QUANTITY PER FIXTURES IN EACH AREA**

NOTE:
HARDWIRED SUSPENSION / POWER
FEED CABLE AT SUSPENDED
LOCATIONS TO BE 4'.

ALL SUSPENDED FIXTURES WILL BE PRODUCED WITH 48" POWER / SUSPENSION CABLES, UNLESS OTHERWISE SPECIFIED. CABLES ARE FIELD ADJUSTABLE.

LONGER SUSPENSION CABLES WILL BE SUBJECT TO A REVISED COST

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RECORD DRAWING

DRAWN: E.BARILAR
AREA: 2
TYPE: KT2_SM/S20LDL
SHEET:

REFLECTED CEILING VIEW

A-2

Bill of Material (quantities per area)

QTY	CATALOG NUMBER
1	WG-S20LDL-S-38'1"-L-835-UNV-DES-OD-C4-MODSM

consisting of:

ID	QTY	PART NUMBER
A	2	S20LDL-S-96000-L-835-OD-2SC48
B	1	S20LDL-S-71900-L-835-OD-2SC48
C	2	SM20LDL-S-96250-L-835-OD-C4

Remote Power Supply

(5)	IL-JB-LED-24010-DES	Junction Box with Integral Lutron Driver, 1%, EcoSystem dimming, 24VDC, 120-277V, Case K, supplied in a dry location enclosure.
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*DRIVER QUANTITY PER FIXTURES IN EACH AREA

NOTE:
HARDWIRED FEED CABLE AT RECESSED LOCATIONS TO BE 4' STANDARD.

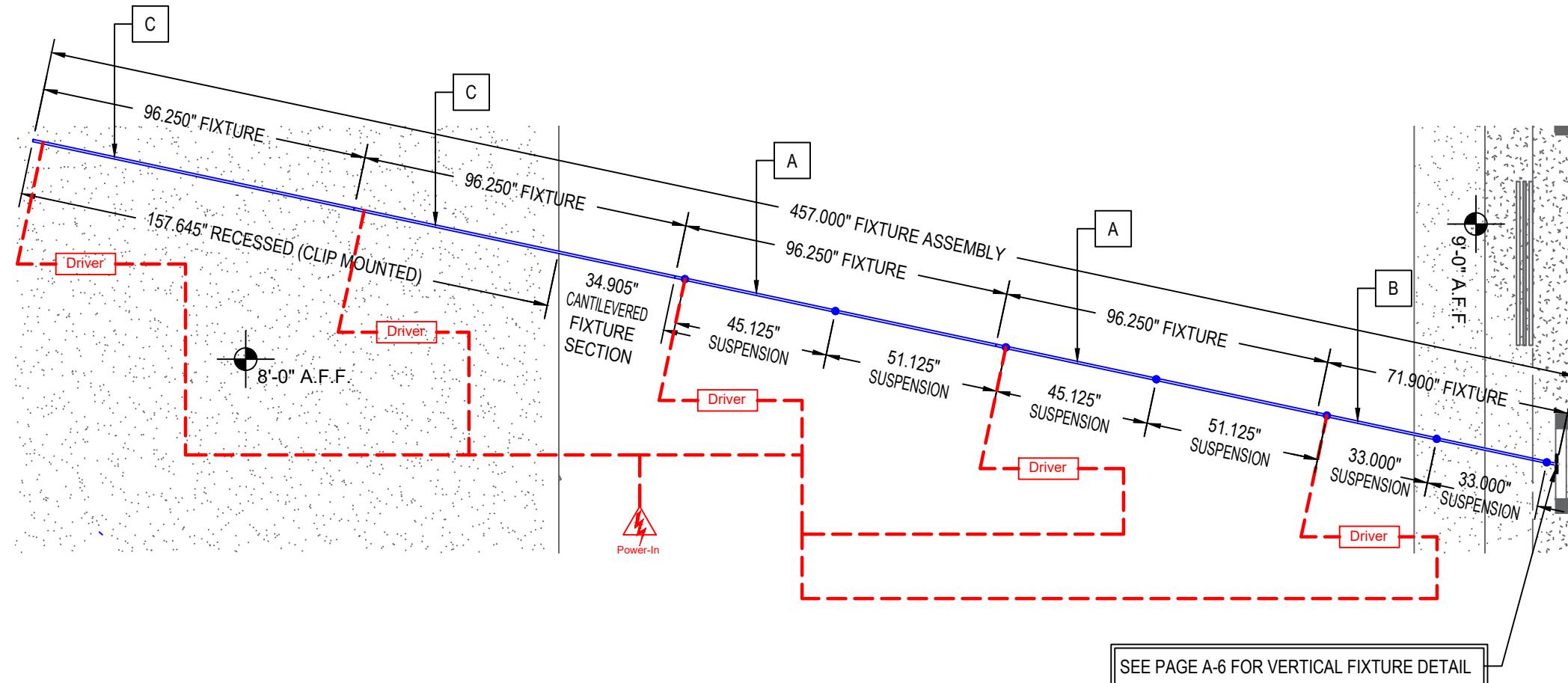
HARDWIRED SUSPENSION / POWER FEED CABLE AT SUSPENDED LOCATIONS TO BE 4'.

ALL SUSPENDED FIXTURES WILL BE PRODUCED WITH 48" POWER / SUSPENSION CABLES, UNLESS OTHERWISE SPECIFIED. CABLES ARE FIELD ADJUSTABLE.

LONGER SUSPENSION CABLES WILL BE SUBJECT TO A REVISED COST.

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RECORD DRAWING

DRAWN: E.BARILAR
AREA: 3
TYPE: KT2_SM/S20LDL
SHEET:

A-3

Bill of Material (quantities per area)

QTY	CATALOG NUMBER
1	WG-S20LDL-S-15'0"-L-835-UNV-DES-OD-S48

consisting of:

ID	QTY	PART NUMBER
A	1	S20LDL-S-96000-L-835-OD-2SC48
B	1	S20LDL-S-83650-L-835-OD-2SC48

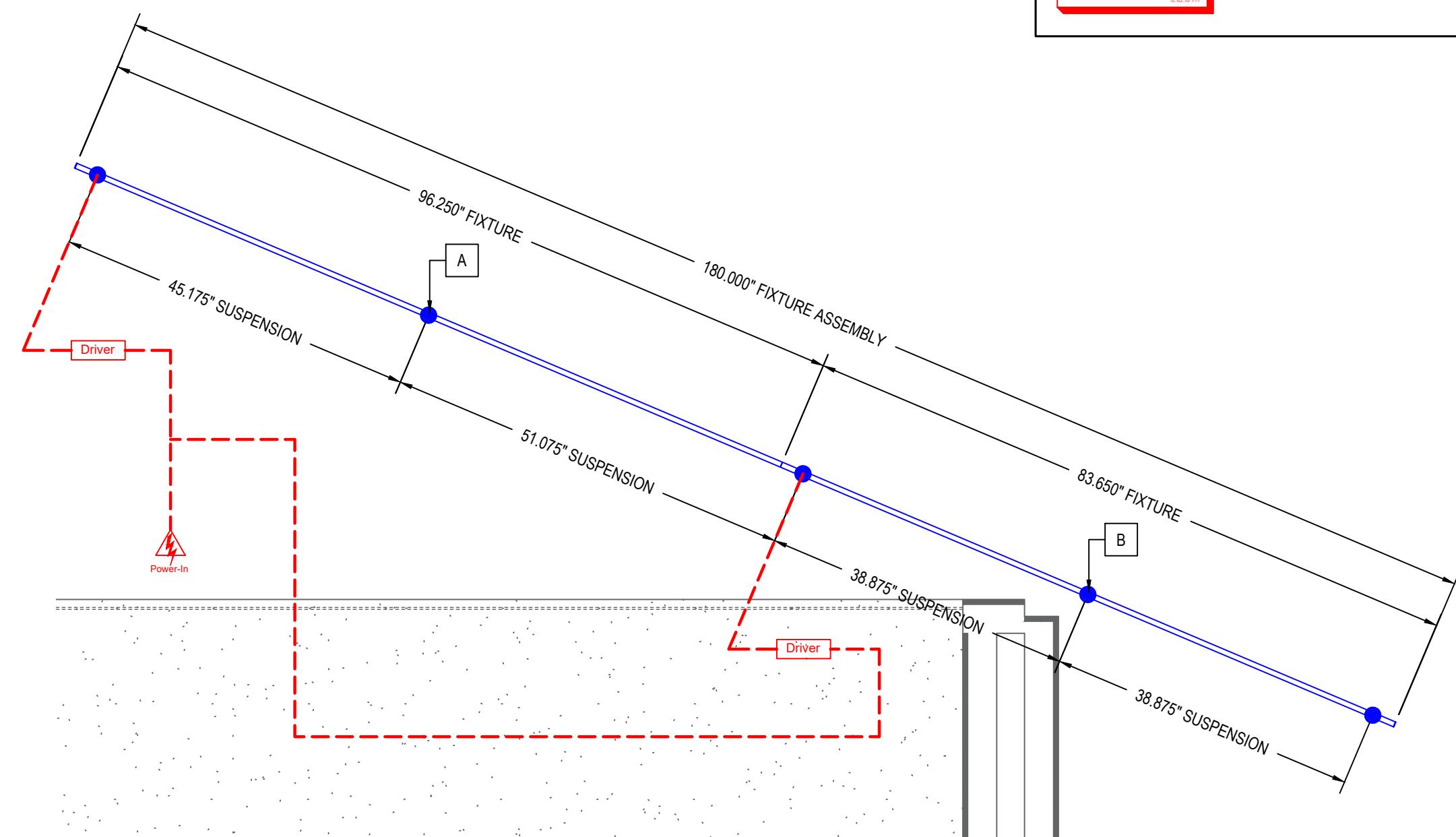
Remote Power Supply

(2)	IL-JB-LED-24010-DES	Junction Box with Integral Lutron Driver, 1%, EcoSystem dimming, 24VDC, 120-277V, Case K, supplied in a dry location enclosure.
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***DRIVER QUANTITY PER FIXTURES IN EACH AREA**

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REVISIONS	DATE


RECORD DRAWING

 DRAWN: E.BARILAR
AREA: 4
TYPE: KT2_S20LDL
SHEET:

A-4

Bill of Material (quantities per area)

QTY	CATALOG NUMBER
1	WG-P20LDL-S-12'1"-L-835-UNV-DES-OD-P-C4

consisting of:

ID	QTY	PART NUMBER
A	1	P20LDL-S-96250-L-835-OD-C4
B	1	P20LDL-S-48650-L-835-OD-C4

Remote Power Supply

(2)	IL-JB-LED-24010-DES	Junction Box with Integral Lutron Driver, 1%, EcoSystem dimming, 24VDC, 120-277V, Case K, supplied in a dry location enclosure.
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***DRIVER QUANTITY PER FIXTURES IN EACH AREA**

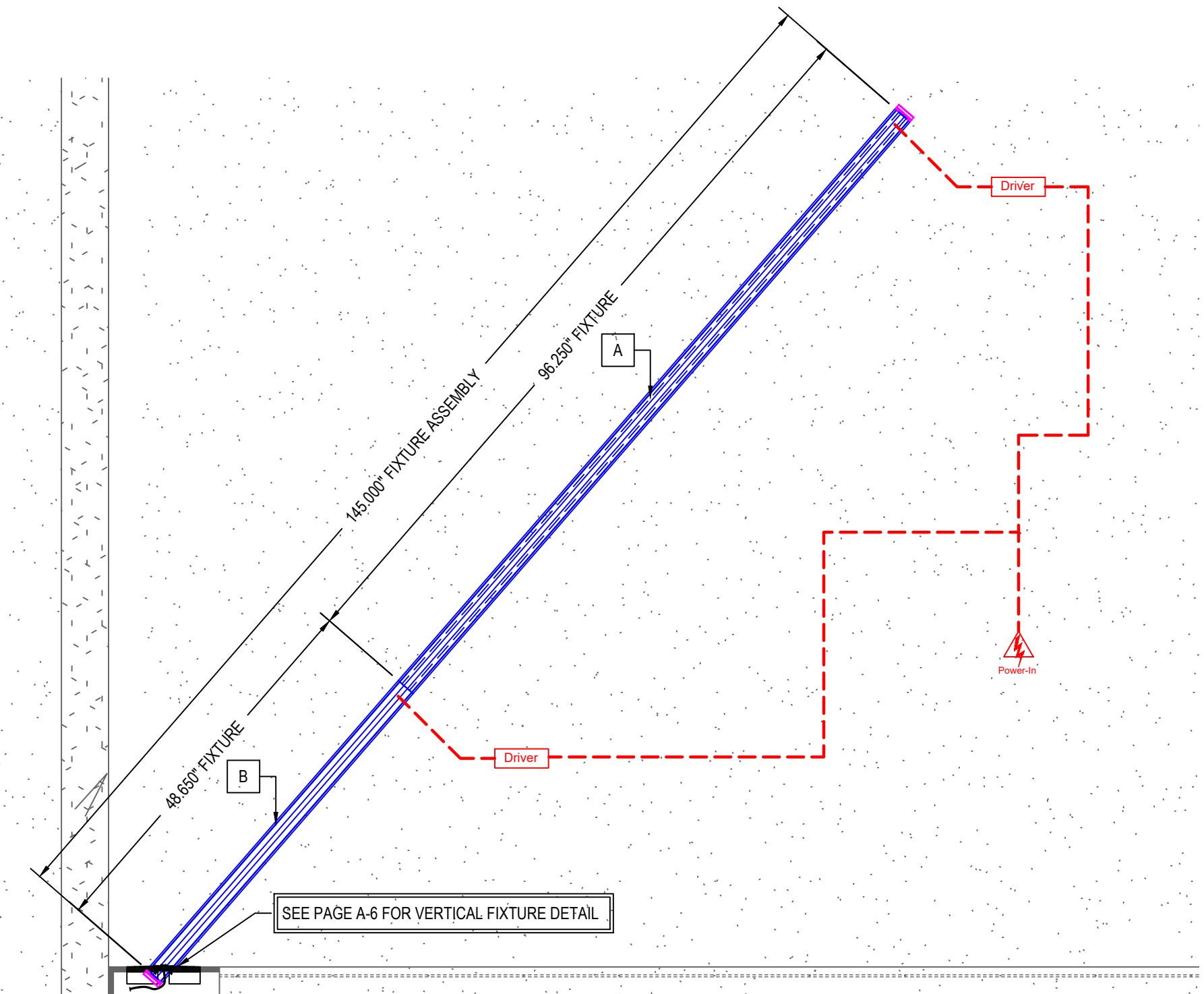
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RECORD DRAWING

DRAWN: E.BARILAR
AREA: 5
TYPE: KT2_P20LDL
SHEET:

A-5



REFLECTED CEILING VIEW

Bill of Material (quantities per area)

QTY	CATALOG NUMBER
1	WG-SM20LDL-S-7'0"-L-835-UNV-DES-OD-SC-C4

consisting of:

ID	QTY	PART NUMBER
A	1	SM20LDL-S-83950-L-835-OD-C4

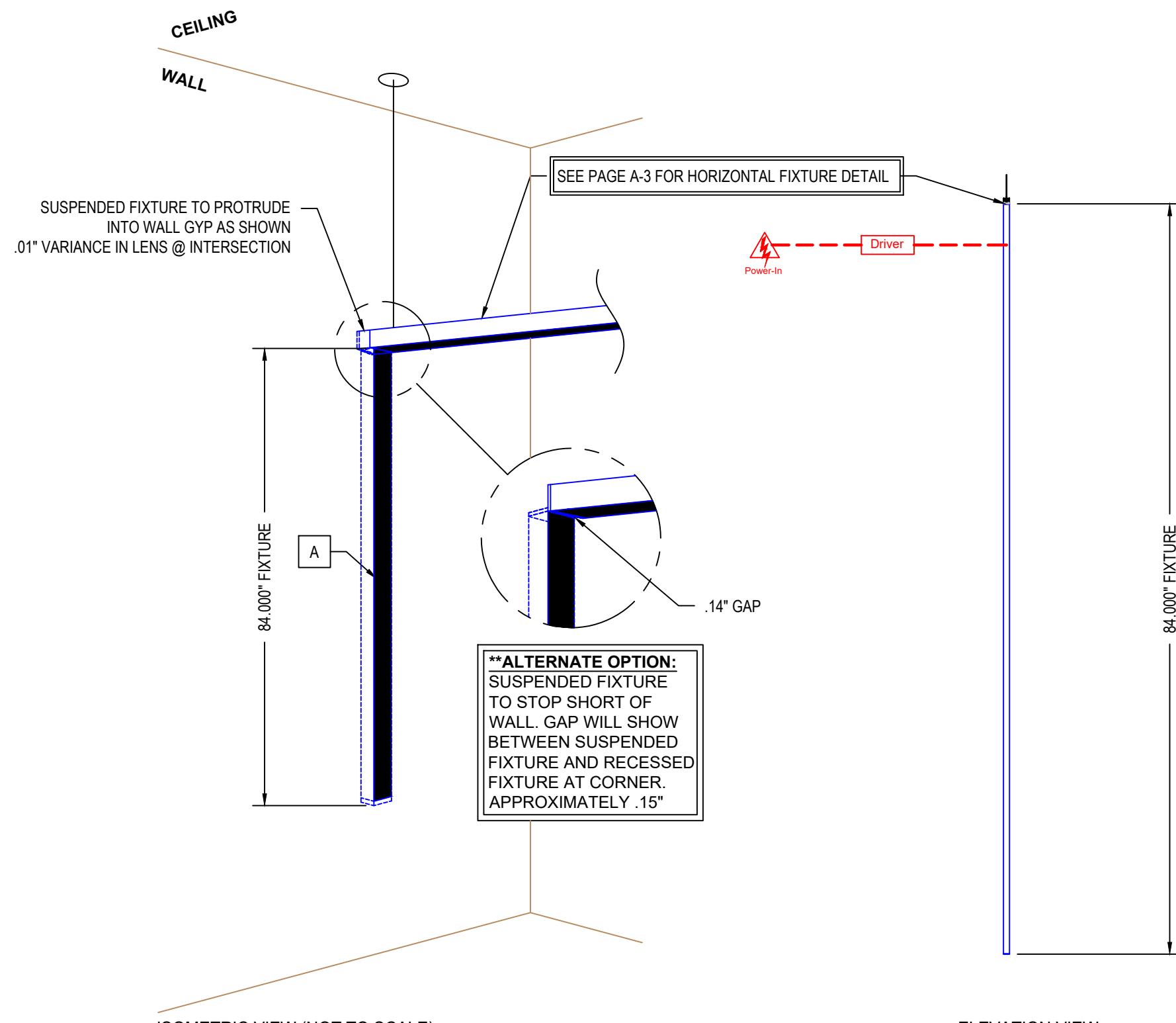
Remote Power Supply

(1)	IL-JB-LED-24010-DES
Junction Box with Integral Lutron Driver, 1%, EcoSystem dimming, 24VDC, 120-277V, Case K, supplied in a dry location enclosure.	

***DRIVER QUANTITY PER FIXTURES IN EACH AREA**

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**RECORD DRAWING**

DRAWN: E.BARILAR
AREA: 6
TYPE: KT2_SM20LDL
SHEET: A-6

Bill of Material (quantities per area)

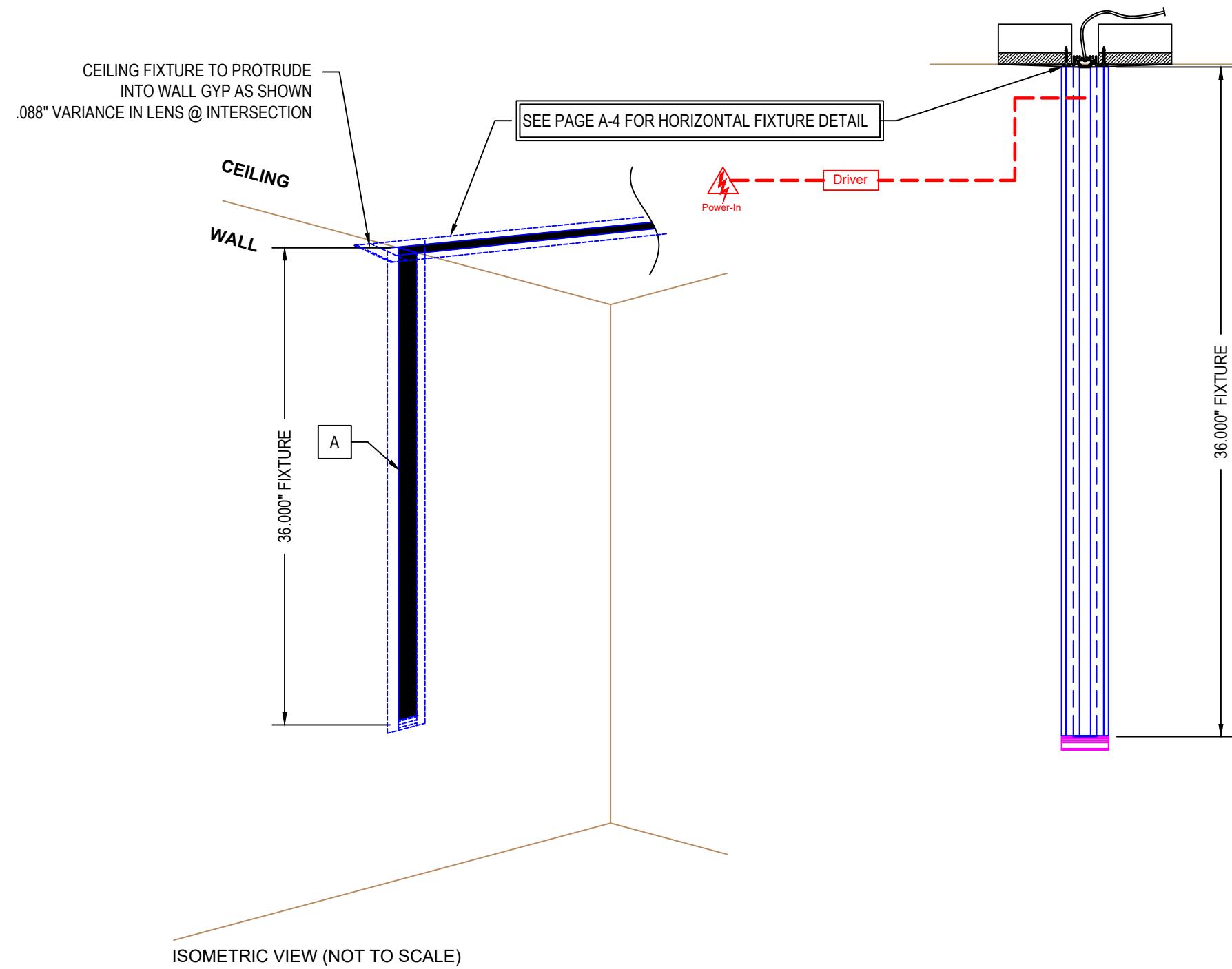
QTY	CATALOG NUMBER
1	WG-P20LDL-S-3'0"-L-835-UNV-DES-OD-P-C4

consisting of:

ID	QTY	PART NUMBER
A	1	P20LDL-S-35950-L-835-OD-C4

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Remote Power Supply

(2)	IL-JB-LED-24010-DES	Junction Box with Integral Lutron Driver, 1%, EcoSystem dimming, 24VDC, 120-277V, Case K, supplied in a dry location enclosure.
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*DRIVER QUANTITY PER FIXTURES IN EACH AREA

RECORD DRAWING

 DRAWN: E.BARILAR
AREA: 7
TYPE: KT2_P20LDL
SHEET: A-7

A-7

Bill of Material (quantities per area)

QTY	CATALOG NUMBER
2	WG-SM20LDL-S-8'0"-L-835-UNV-X-OD-MM-C4

consisting of:

ID	QTY	PART NUMBER
A	1	SM20LDL-S-95900-L-835-OD-C4-SA

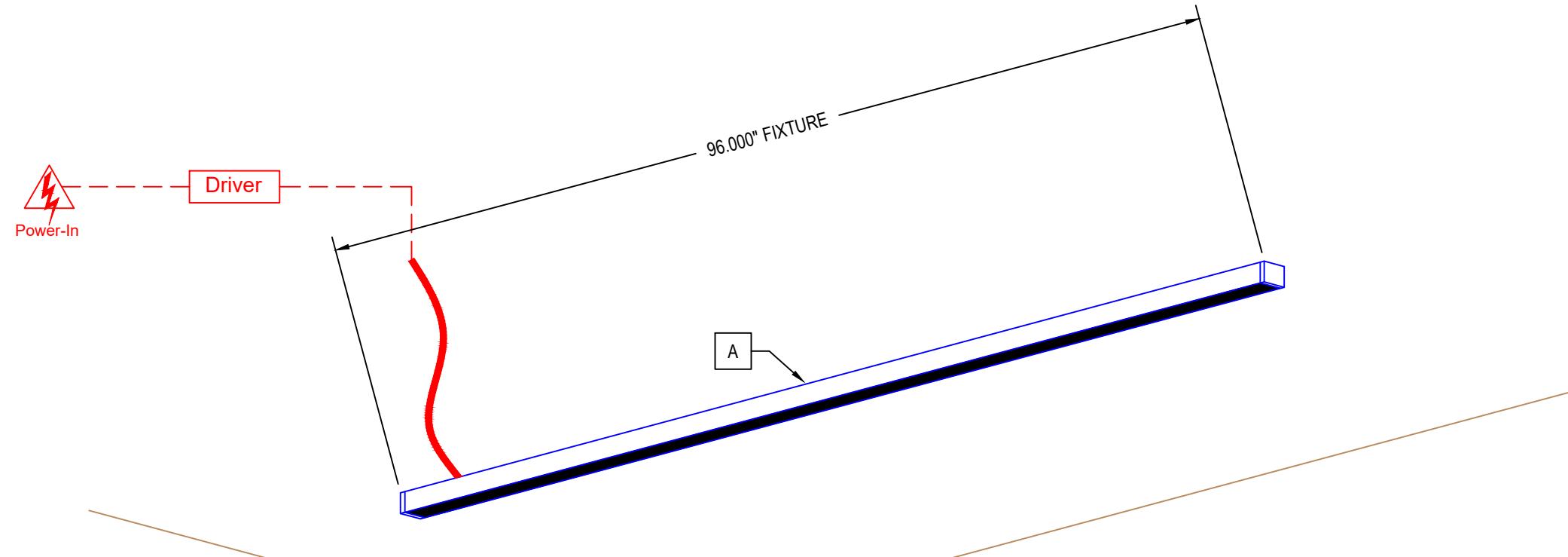
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Remote Power Supply

(2)	IL-JB12-LED-24006-UNV-D010	Osram 10%, 0-10V Dimming 96W, 24VDC, 120-277V
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(2) 8'-0" SYSTEMS (MAX) MAY BE POWERED PER DRIVER
(1) DRIVERS ALLOCATED FOR THESE SYSTEMS

**RECORD DRAWING**

DRAWN: E.BARILAR
AREA: 8
TYPE: KT12
SHEET: A-8

Bill of Material (quantities per area)

QTY	CATALOG NUMBER
1	WG-SM20LDL-S-13'0"-L-835-UNV-X-OD-MM-C4

consisting of:

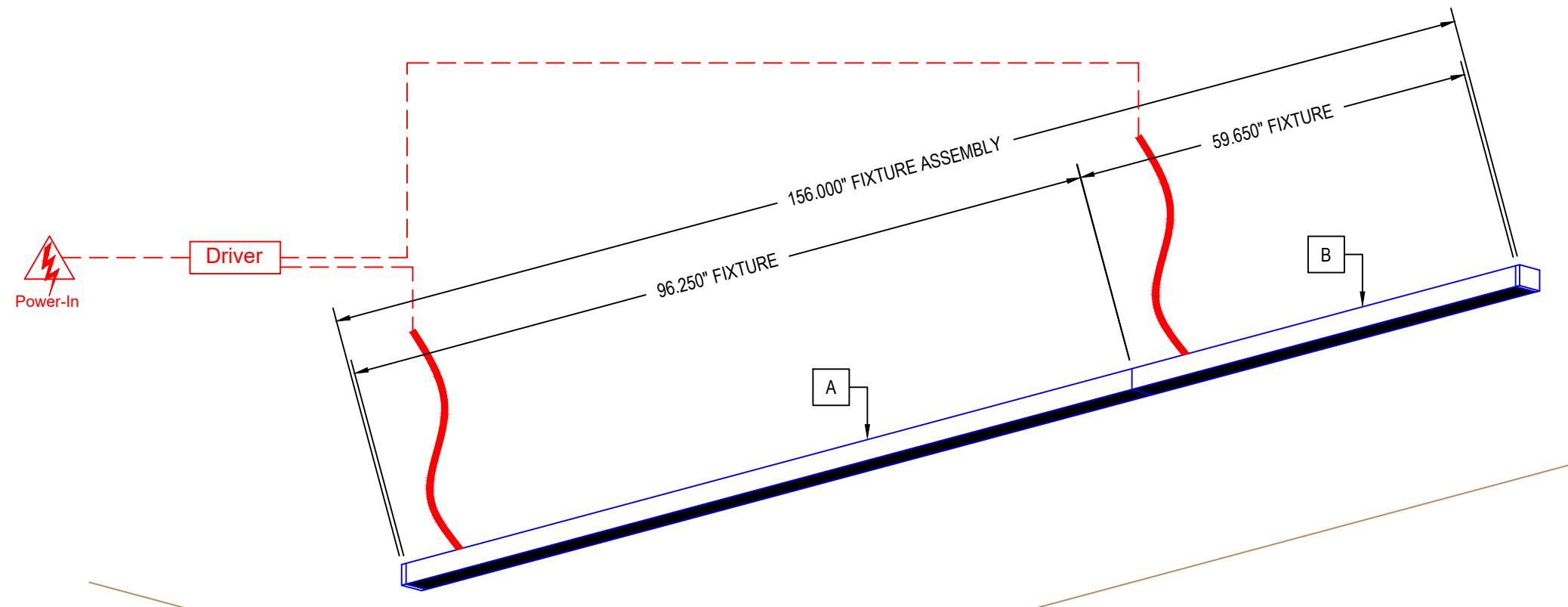
ID	QTY	PART NUMBER
A	1	SM20LDL-S-96250-L-835-OD-C4
B	1	SM20LDL-S-59650-L-835-OD-C4

Remote Power Supply

(1)	IL-JB12-LED-24006-UNV-D010	Osram 10%, 0-10V Dimming 96W, 24VDC, 120-277V
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**RECORD DRAWING**

DRAWN: E.BARILAR
AREA: 9
TYPE: KT12
SHEET:
A-9

Bill of Material (quantities per area)

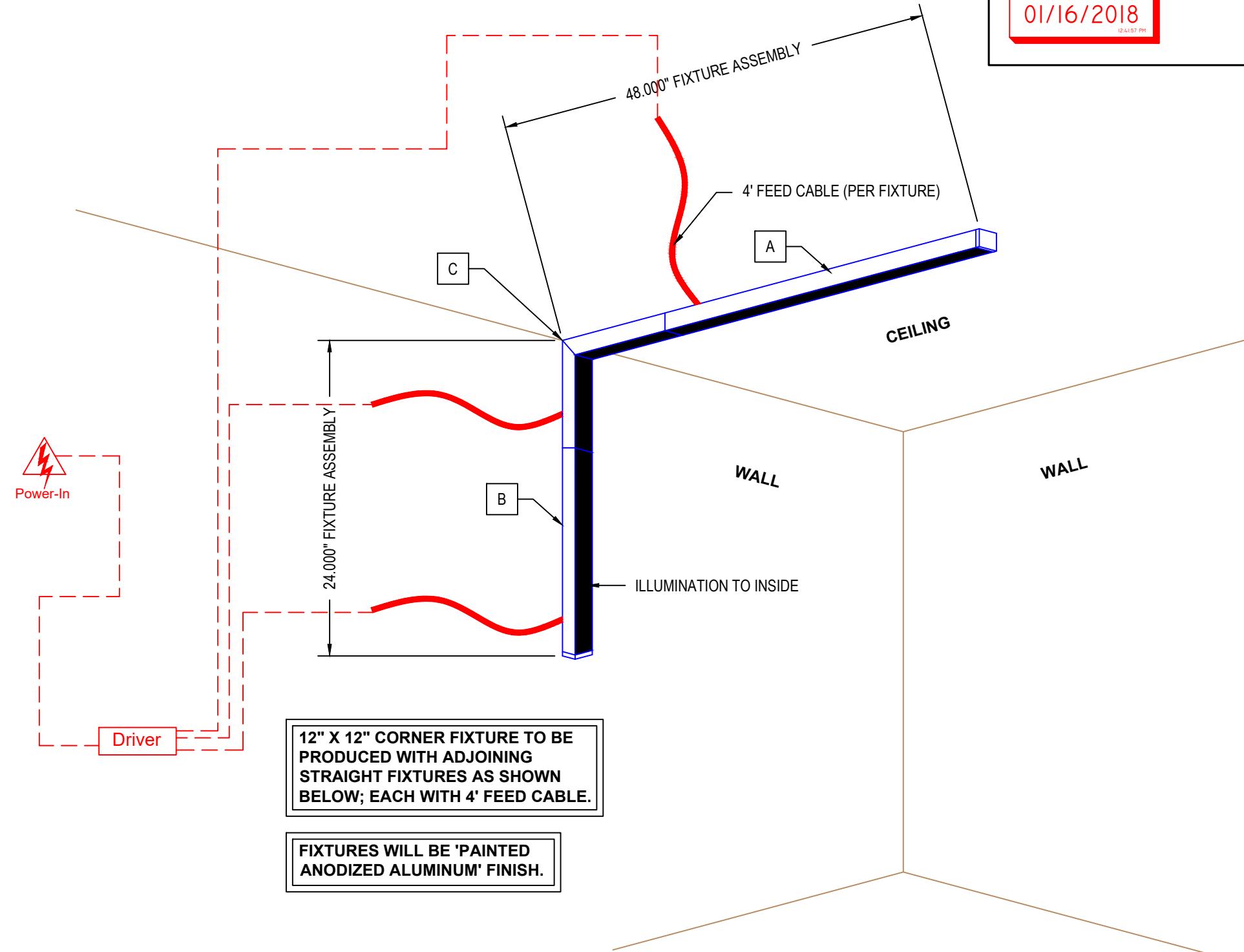
QTY	CATALOG NUMBER
78	WG-SM20LDL-PZ-2'0"x4'0"-L-835-UNV-X-OD-SC-C4-MODAA

consisting of:

ID	QTY	PART NUMBER
A	1	SM20LDL-S-35950-L-835-OD-C4
B	1	SM20LDL-S-11950-L-835-OD-C4
C	1	SM20LDL-IC90-12000-L-835-OD-C4

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Remote Power Supply

(20)	IL-JB12-LED-24006-UNV-D010	Osram 10%, 0-10V Dimming 96W, 24VDC, 120-277V
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(4) 2'-0"x 4'-0" SYSTEMS (MAX) MAY BE POWERED

PER DRIVER

(20) DRIVERS ALLOCATED FOR THESE SYSTEMS

RECORD DRAWING

 DRAWN: E.BARILAR
AREA: 10
TYPE: KT13
SHEET: A-10

Bill of Material (quantities per area)

QTY	CATALOG NUMBER
10	WG-SM20LDL-PZ-2'0"x1'0"-L-835-UNV-X-OD-SC-C4-MODAA

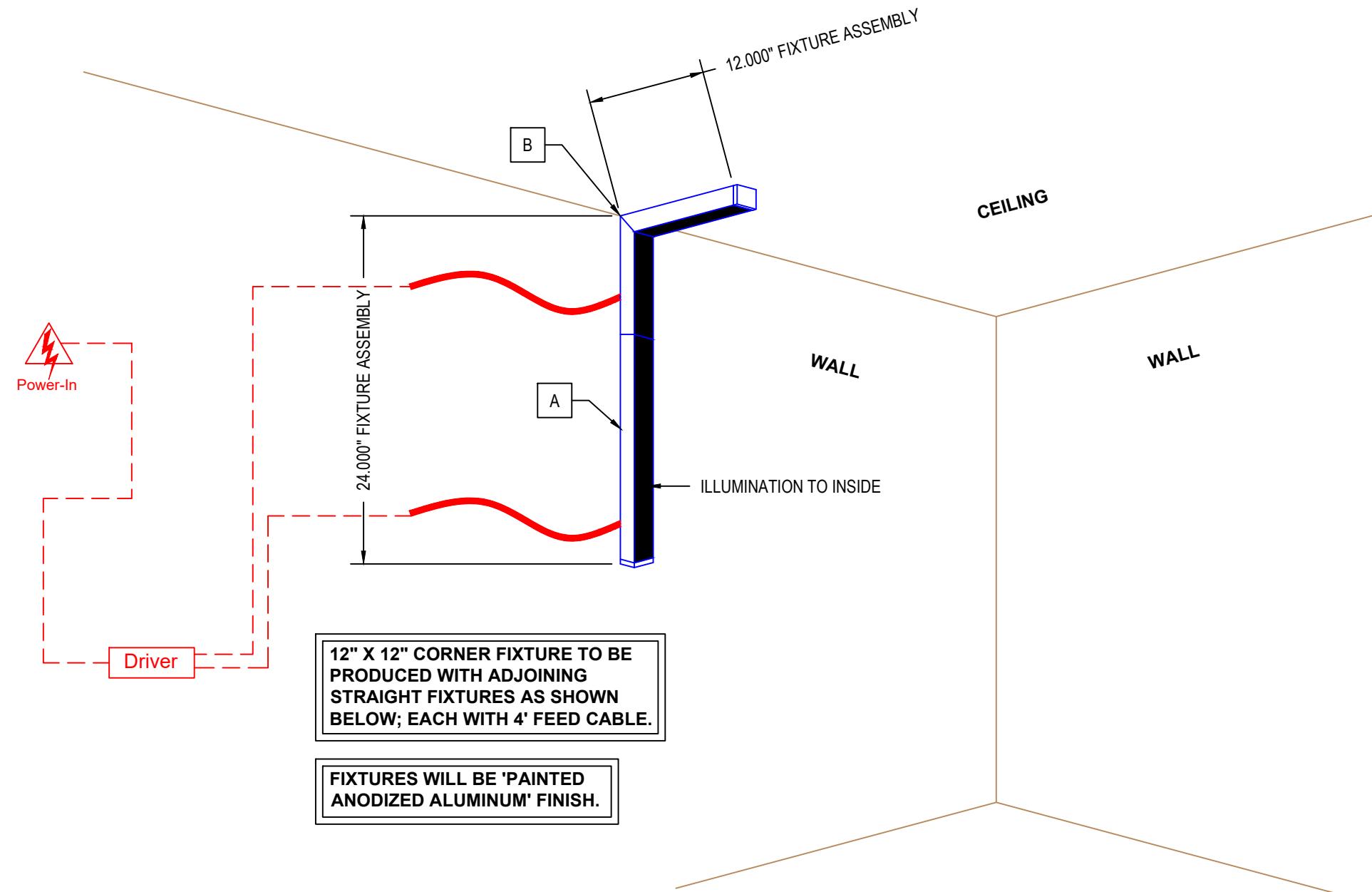
consisting of:

ID	QTY	PART NUMBER
A	1	SM20LDL-S-11950-L-835-OD-C4
B	1	SM20LDL-IC90-12000-L-835-OD-C4

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REVISIONS	DATE

RECORD DRAWING

 DRAWN: E.BARILAR
AREA: 11
TYPE: KT13
SHEET:
A-11

Remote Power Supply

(2)	IL-JB12-LED-24006-UNV-D010	Osram 10%, 0-10V Dimming 96W, 24VDC, 120-277V
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(8) 2'-0"x 1'-0" SYSTEMS (MAX) MAY BE POWERED

PER DRIVER

(2) DRIVERS ALLOCATED FOR THESE SYSTEMS

Bill of Material (quantities per area)

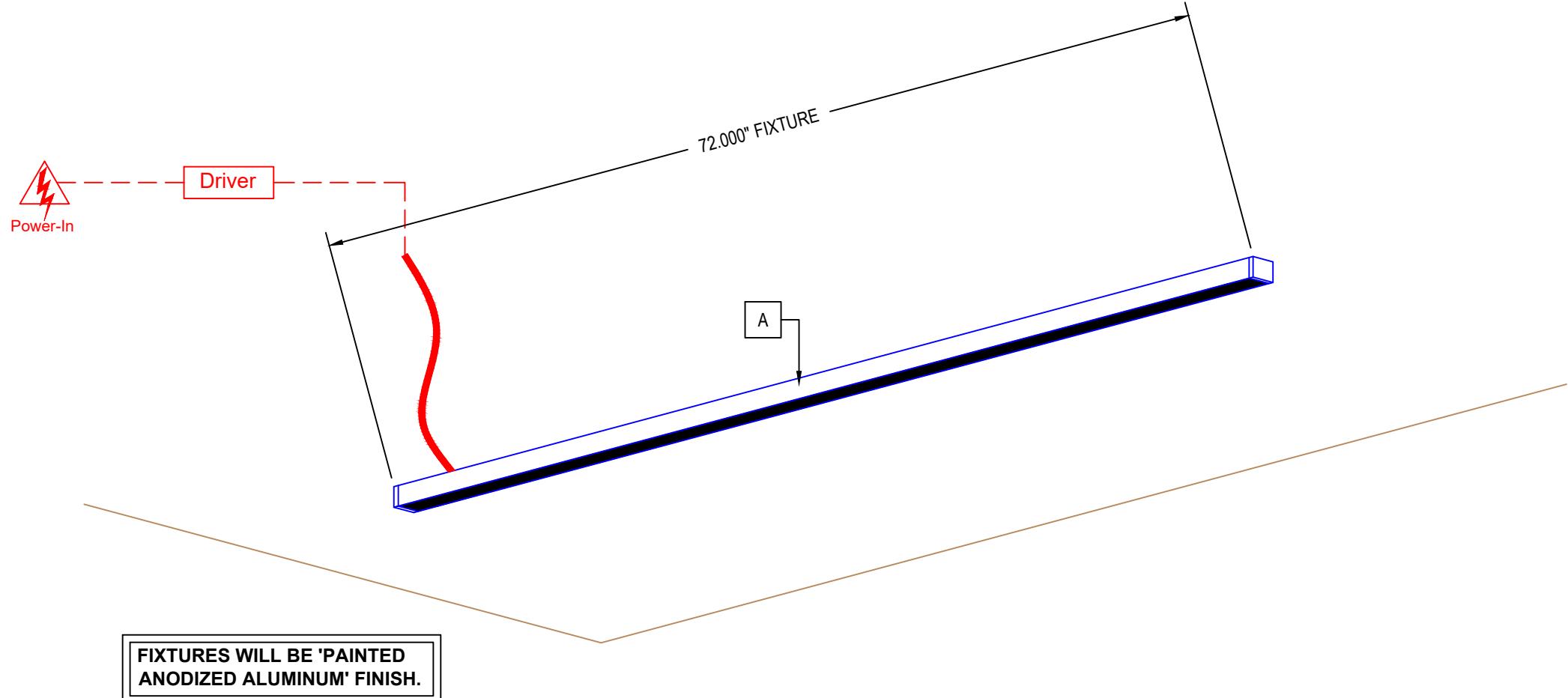
QTY	CATALOG NUMBER
3	WG-SM20LDL-S-6'0"-L-835-UNV-X-OD-SC-C4-MODAA

consisting of:

ID	QTY	PART NUMBER
A	1	SM20LDL-S-71900-L-835-OD-C4

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**Remote Power Supply**

(1)	IL-JB12-LED-24006-UNV-D010	Osram 10%, 0-10V Dimming 96W, 24VDC, 120-277V
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(3) 6'-0" SYSTEMS (MAX) MAY BE POWERED
PER DRIVER
(1) DRIVERS ALLOCATED FOR THESE SYSTEMS

RECORD DRAWING

DRAWN: E.BARILAR
AREA: 12
TYPE: KT13
SHEET:
A-12

Bill of Material (quantities per area)

QTY	CATALOG NUMBER
2	WG-SM20LDL-PZ-3'0"x3'0"-L-835-UNV-X-OD-SC-C4-MODAA

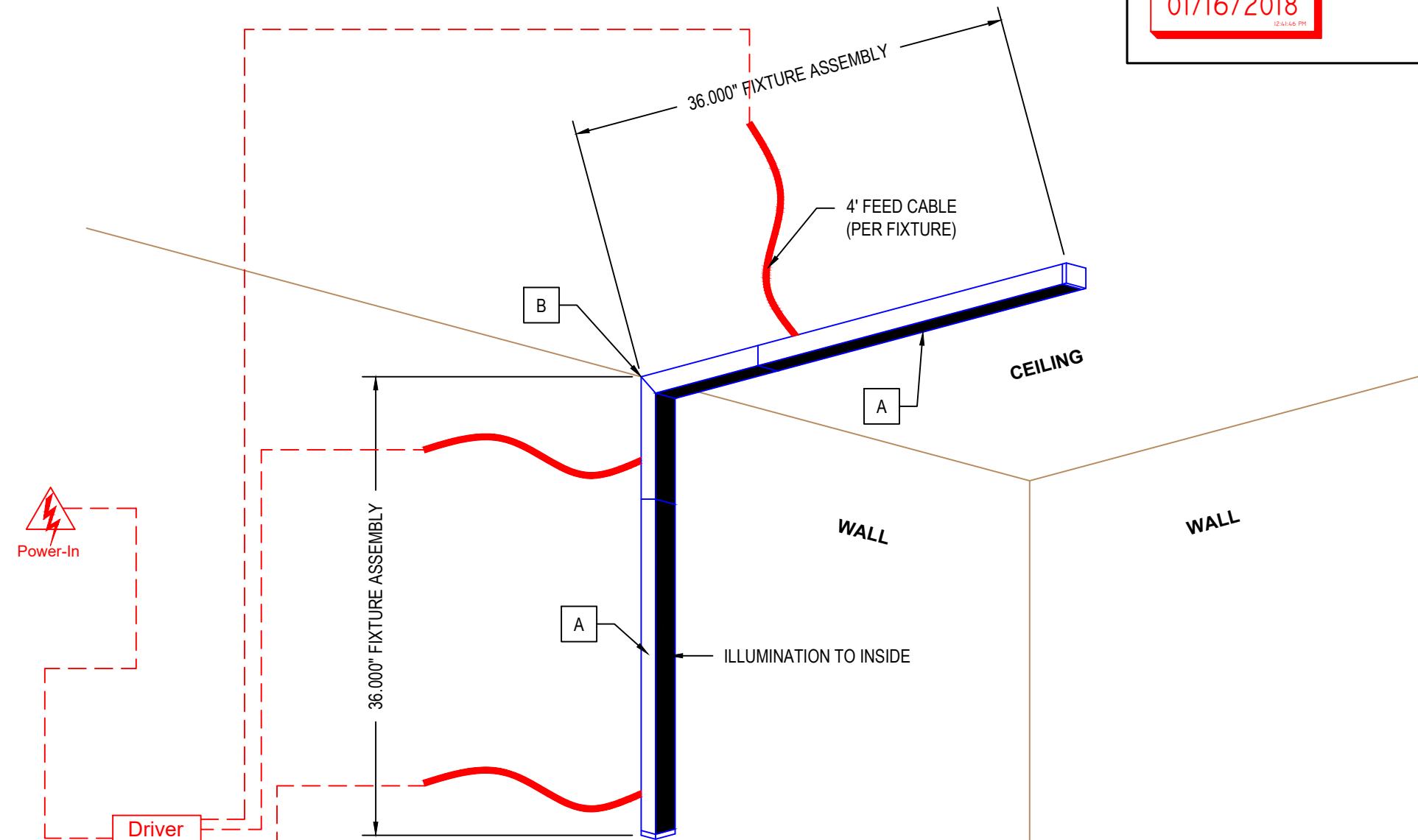
consisting of:

ID	QTY	PART NUMBER
A	2	SM20LDL-S-23950-L-835-OD-C4
B	1	SM20LDL-IC90-12000-L-835-OD-C4

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REVISIONS	DATE

RECORD DRAWING

 DRAWN: E.BARILAR
AREA: 13
TYPE: KT13
SHEET:
A-13

Remote Power Supply

(1)	IL-JB12-LED-24006-UNV-D010	Osram 10%, 0-10V Dimming 96W, 24VDC, 120-277V
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(2) 3'-0"x 3'-0" SYSTEMS (MAX) MAY BE POWERED

PER DRIVER

(1) DRIVERS ALLOCATED FOR THESE SYSTEMS

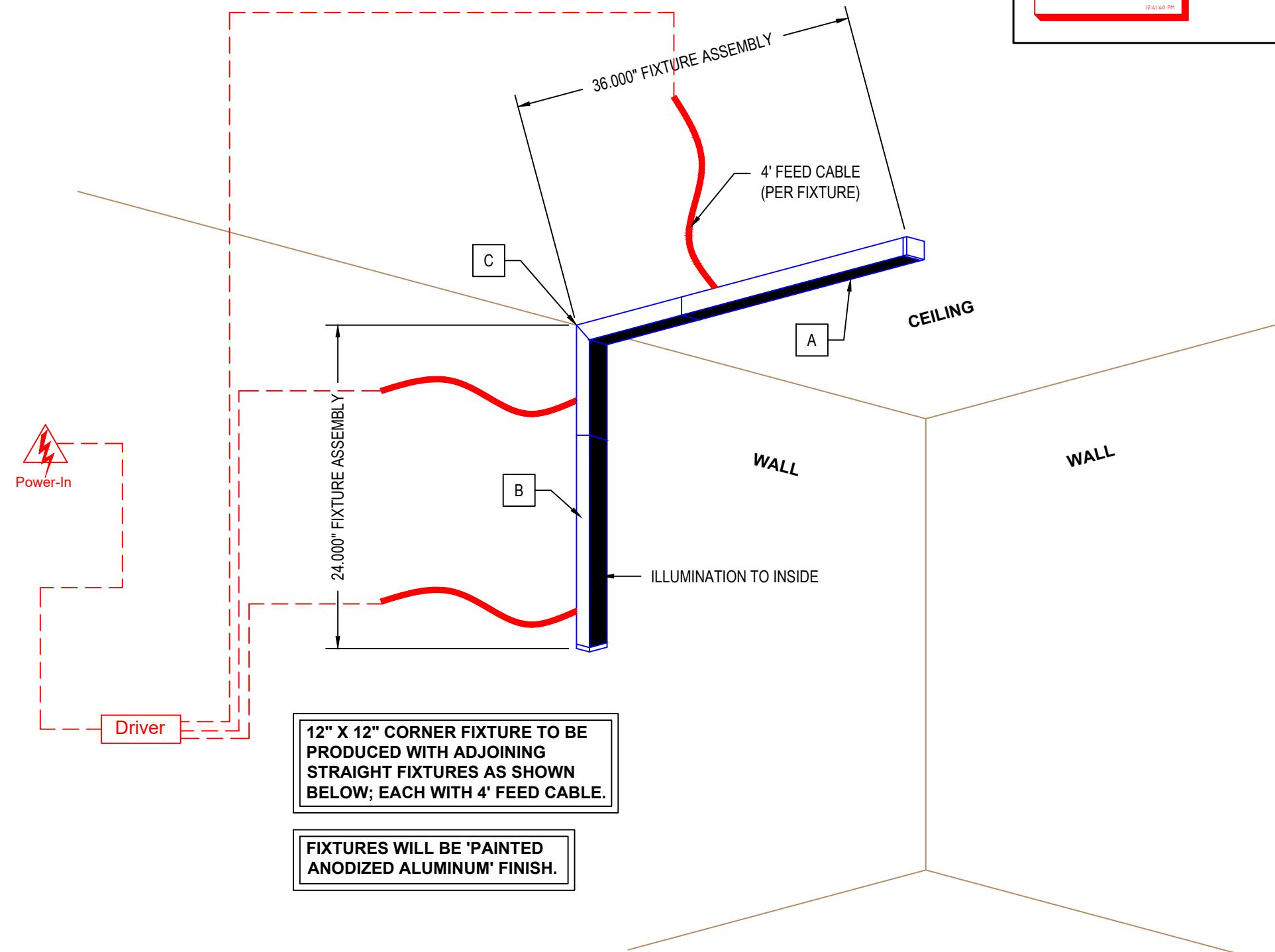
Bill of Material (quantities per area)

QTY	CATALOG NUMBER	
13	WG-SM20LDL-PZ-2'0"x3'0"-L-835-UNV-X-OD-SC-C4-MODAA	
consisting of:		
ID	QTY	PART NUMBER
A	2	SM20LDL-S-23950-L-835-OD-C4
B	1	SM20LDL-S-11950-L-835-OD-C4
C	1	SM20LDL-IC90-12000-L-835-OD-C4

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RECORD DRAWING

 DRAWN: E.BARILAR
AREA: 14
TYPE: KT13
SHEET: A-14

Remote Power Supply

(2)	IL-JB12-LED-24006-UNV-D010	Osram 10%, 0-10V Dimming 96W, 24VDC, 120-277V
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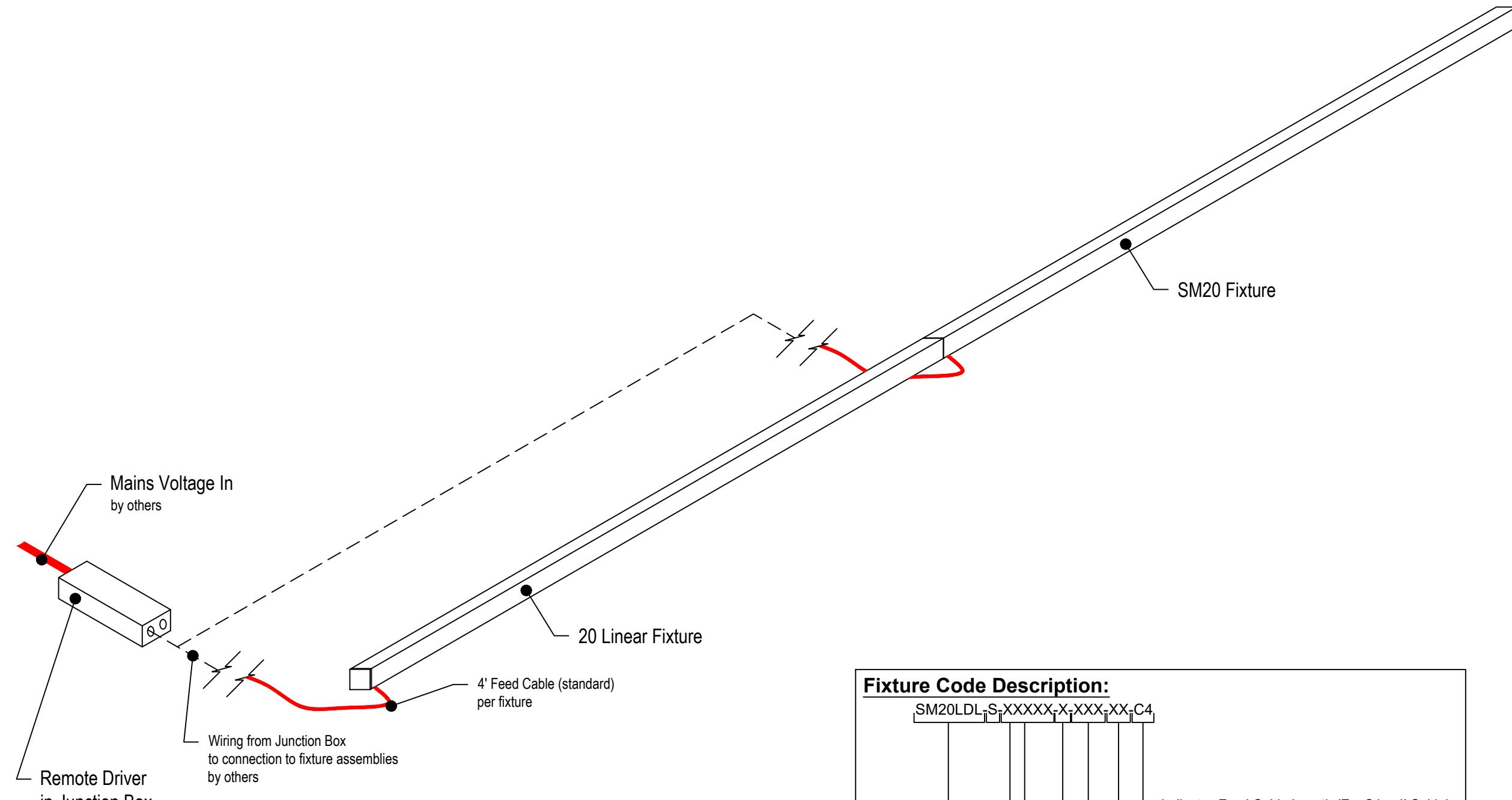
(5) 2'-0"x 3'-0" SYSTEMS (MAX) MAY BE POWERED

PER

(3) DRIVERS ALLOCATED FOR THESE SYSTEMS

20LDL Fixture

Fixture Configuration Information



Fixture Code Description:

SM20LDL-S-XXXXX-X-XXX-XX-C4

Indicates Feed Cable Length (Ex. C4 = 4' Cable)
Diffuser Specification
LED CRI & Color Temperature
Low [L] or Medium [M] Power
Indicates Length (in) (Ex. 96250 = 96.250")
Indicates Shape of Fixture (Ex. S = Straight)
Identifies Fixture Product Line

REVISIONS	DATE

DRAWN: E.BARILAR
AREA: N/A
TYPE: N/A
SHEET: D-1

**Example Gear Tray scenario shown above. Please refer to Record Drawings for actual Driver Feeds and Quantities.