

Notes	
CAPACITY:	20 MW
ENERGY:	80 MWh
BATTERY SYSTEM:	
MFR:	TBD
MODEL:	TBD
NAMEPLATE:	4MWh EOL
QUANTITY:	21
PCS:	
MFR:	SUNGROW
MODEL:	SG3450UD-MV-US
NAMEPLATE:	2.86MW/ 3.15MVA
QUANTITY:	7

Legend	
	TAX PARCEL BOUNDARY
	FENCE
	OVERHEAD LINE
	GRAVEL ROAD
	FEDERAL WETLANDS
	VEGETATION BUFFER
	STREAMS
	SETBACK
	POND
	DRY HYDRANTS
	AERIAL
	IN DUCT BANK
	IN TRENCH
	FEEDER 1 CABLES
	FEEDER 2 CABLES
	FEEDER 3 CABLES
	FEEDER 4 CABLES
	34.5KV BESS CABLES

Drawing Reference	
SRS-BESS-LP-001_SUP_A	YARD LIGHTNING PLAN - SUPPLEMENT A

C	01/07/2022	JLL	ISSUED FOR 94-C	CS	JS
B	12/08/2021	JLL	ISSUED FOR REVIEW	CS	JS
A	11/24/2021	JLL	ISSUED FOR REVIEW	CS	JS
Rev	Date	Drawn	Description	Ch'k'd	App'd

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Title

**SOUTH RIPLEY SOLAR PROJECT
BESS
GENERAL ARRANGEMENT
SUPPLEMENTAL A**

PRELIMINARY NOT FOR CONSTRUCTION REPLACE WITH ENGINEERS STAMP AT CONSTRUCTION AND/OR FABRICATION	Designed	CS	Eng check	CS
	Drawn	JLL	Approved	JS
	Dwg check		Project Mngr	RA
	Scale at ANSI D		Date	Rev
	1" = 50'-0"		01/07/22	C
Drawing Number		SRS-BESS-GA-001_SUP_A		

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CONCEPTUAL - NOT FOR CONSTRUCTION



RSX2 LED

Area Luminaire

Specifications

EPA
(ft²/000):

0.69 ft² (0.06 m²)

Length:

29.3" (74.4 cm)
(SPA mount)

Width:

13.4" (34.0 cm)

Height:

3.0" (7.6 cm) Main Body
7.2" (18.3 cm) Arm

Weight:

30.0 lbs (13.6 kg)
(SPA mount)

Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	30K	R2	Type 2 Wide	MVOLT (120V-277V) 1
	P2	40K	R3	Type 3 Wide	SPA
	P3	50K	R5	Type 3 Narrow	SPA
	P4		R4	Type 4 Narrow	MA
	P5		B4S	Type 4 Short	IS
	P6		R5	Type 5 Wide 1	WBA
			R5S	Type 5 Short 1	WBA
			AR	Automatic Force Flow	AASP
			ARFL	Automatic Force Flow Right Rotated	AASP
			ARFLR	Automatic Force Flow Left Rotated	AASP

Options

Shipped Installed

HS

Heat-sink shield 1

PE

Photocell, button style 10

PEX

Photocell, external threaded, adjustable 10

PEXT

Seven-wire photocell, adjustable only (no controls) 10, 11, 12

CE34

Conduit entry 3/4" NPT (Qty 2)

SE

Single fuse (120, 277, 347)

DF

Double fuse (120, 277, 347)

SPD20KV

20KV Surge pack (10KV standard)

FAD

Field adjustable output 10

DWG

0-10V dimming control back of housing for external control (control ordered separate) 10

DS

Dual switching 10

Shipped Separately

*Standardize and Networked Sensors/Controls (factory default settings, see table page 9)

NZAR2

Light AR generation 2 10, 11, 12

PROR

Networked, 5-level motion/ambient sensor (for use with NZAR2) 10, 11, 12

RAA

Ray Illuminarity Act Compliance

*Note: PROR with slight AR can be used as a standalone dimming sensor with pair of box settings or as a networked networked solution. See factory default settings table. Sensor coverage pattern is affected when luminaire is tilted.

Shipped Separately (requires some field assembly)

ES

External glow shield 1

GGV

External glow shield (300° around light aperture) 1

BS

Blind spikes 10

Dark Bronze

Black

Natural Aluminum

White

Tenured Dark Bronze

Tenured Black

Tenured Natural Aluminum

Tenured White

Lithonia Way • Cary, Georgia 30012 • Phone: 1-800-705-SERV (7376) • www.acuitybrands.com

Lithonia RSX2 Area LED

Rev. 11/15/21

Page 1 of 9

LIGHT FIXTURE ID	ORIENTATION (DEG.) HORIZONTAL PLANE	TILT (DEG.) VERTICAL PLANE	MOUNTING HEIGHT (FT)	MANUFACTURER	PART NO.	WATTS	LUMENS
L1	0°	0° FIXED	30	LITHONIA	RSX2 LED P1 30K R3S	71	10,271
L2	0°	0° FIXED	30	LITHONIA	RSX2 LED P1 30K R3S	71	10,271
L3	0°	0° FIXED	30	LITHONIA	RSX2 LED P1 30K R3S	71	10,271
L4	0°	0° FIXED	30	LITHONIA	RSX2 LED P1 30K R3S	71	10,271
L5	180°	0° FIXED	30	LITHONIA	RSX2 LED P1 30K R3S	71	10,271
L6	180°	0° FIXED	30	LITHONIA	RSX2 LED P1 30K R3S	71	10,271
L7	180°	0° FIXED	30	LITHONIA	RSX2 LED P1 30K R3S	71	10,271
L8	180°	0° FIXED	30	LITHONIA	RSX2 LED P1 30K R3S	71	10,271
L9	120°	0° FIXED	30	LITHONIA	RSX2 LED P1 30K R3S	71	10,271
L10	180°	0° FIXED	30	LITHONIA	RSX2 LED P1 30K R3S	71	10,271

Notes

1.

LIGHTING CONTOURS GENERATED USING VISUAL LIGHTING 2020(2.10.0037).

2.

ALL ILLUMINATION VALUES IN FOOT-CANDLES.

3.

YARD LIGHTING WILL NOT BE ON DURING NORMAL OPERATION AND WILL ONLY BE USED FOR EMERGENCY ACCESS.

Legend

LUMINAIRE LOCATION

2.0 fc

1.0 fc

0.5 fc

0.2 fc

0°

270°

180°

90°

LUMINAIRE ORIENTATION LEGEND

0'

15'

30'

60'

90'

SCALE: 1" = 30'

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CONCEPTUAL - NOT FOR CONSTRUCTION

Drawing Reference

D	01/06/22	AH	ISSUED FOR 94-C	JS	JAB
C	12/08/21	AH	ISSUED FOR REVIEW	JS	JAB
B	12/08/21	CS	UPDATED LIGHT FIXTURES	JS	JAB
A	11/24/21	SL	ISSUED FOR REVIEW	CS	JS
Rev	Date	Drawn	Description	Ch'kd	App'd

M

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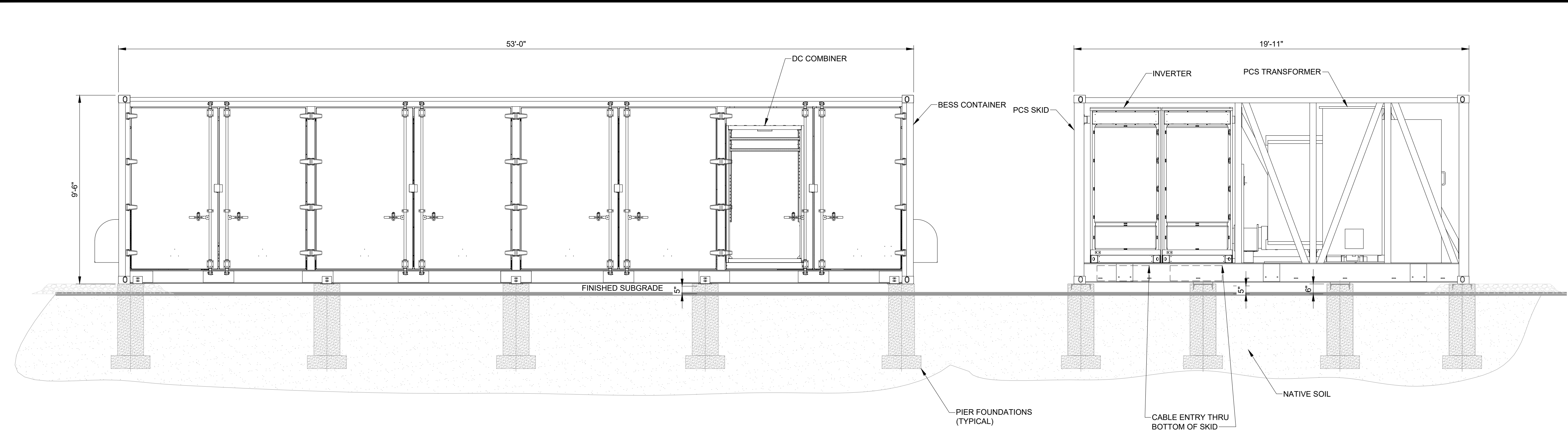
SOUTH RIPLEY SOLAR PROJECT
BESS & O&M
YARD LIGHTING PLAN -
SUPPLEMENTAL A

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ENGINEERS STAMP
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AND/OR
FABRICATION

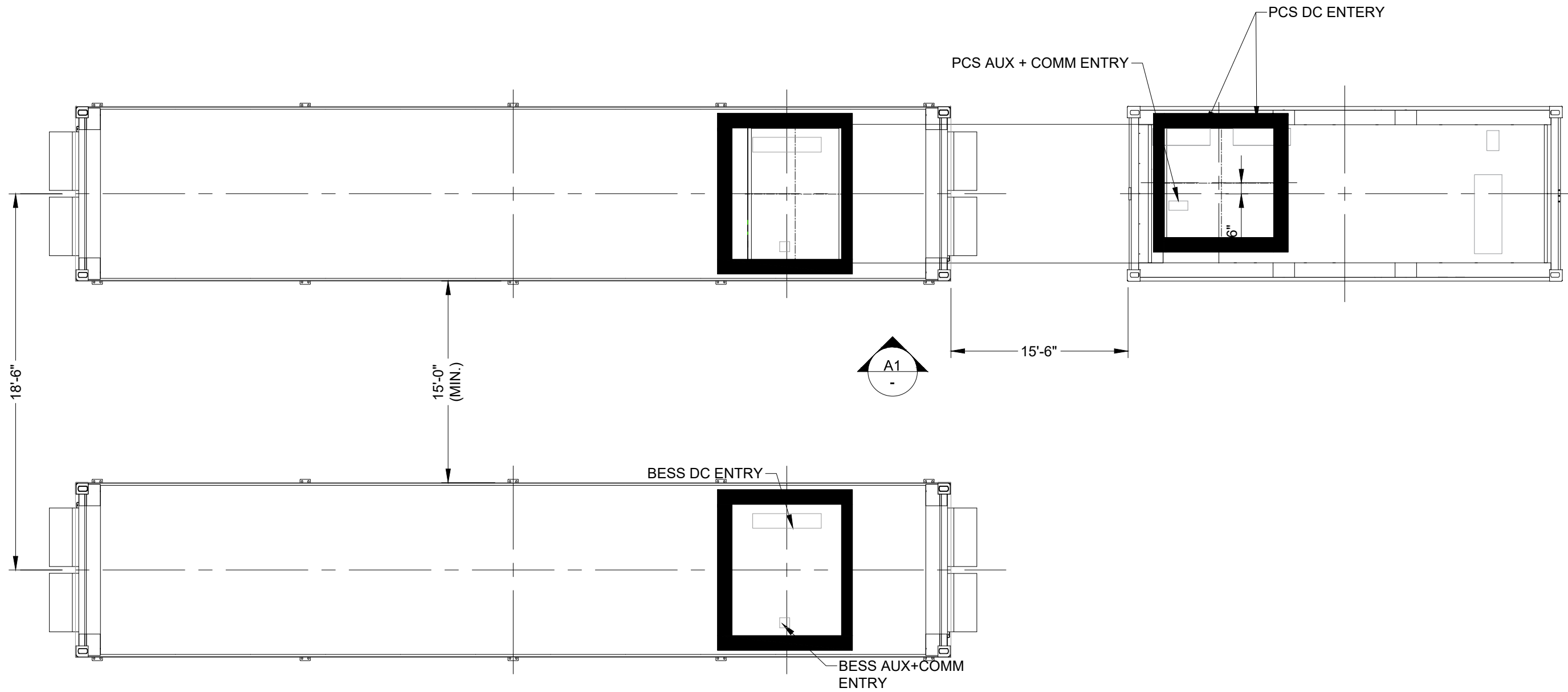
Designed	CS	Eng check	CS
Drawn	SL	Approved	JS
Dwg check	JLL	Project Mngr	RA
Scale at ANSI D	Date	Rev	D
1" = 30'-0"	01/06/22		

Drawing Number
SRS-BESS-LP-001_SUP_A

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A1
-
BESS CONTAINER AND PCS SIDE VIEW
NOT TO SCALE



A
E-501
BESS CONTAINER AND PCS TOP VIEW
NOT TO SCALE

- Notes
- EQUIPMENT IS PRELIMINARY AND SUBJECT TO CHANGE WITH FINAL DETAILED DESIGN.
 - ELECTRICAL EQUIPMENT WILL UTILIZE GALVANIZED STEEL. MATERIAL AND EQUIPMENT COLOR WILL BE NATURAL GALVANIZED STEEL, WHITE OR ANSI GREY. FINAL MATERIAL TYPE AND FINISH COLOR DETAILS WILL BE UPDATED DURING DETAILED DESIGN.

Legend

Drawing Reference

Rev	Date	Drawn	Description	Ch'k'd	App'd
A	12/08/2021	JLL	ISSUED FOR 94-C	JS	JAB

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Title
SOUTH RIPLEY SOLAR
BESS ELEVATION -
SUPPLEMENTAL A

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ENGINEERS STAMP
AT CONSTRUCTION
AND/OR
FABRICATION

Designed	BG	Eng check	JS
Drawn	JLL	Approved	JAB
Dwg check		Project Mngr	RA
Scale at ANSI D	NONE	Date	12/08/2021
Drawing Number	SRS-BESS-E-100_SUP_A		

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