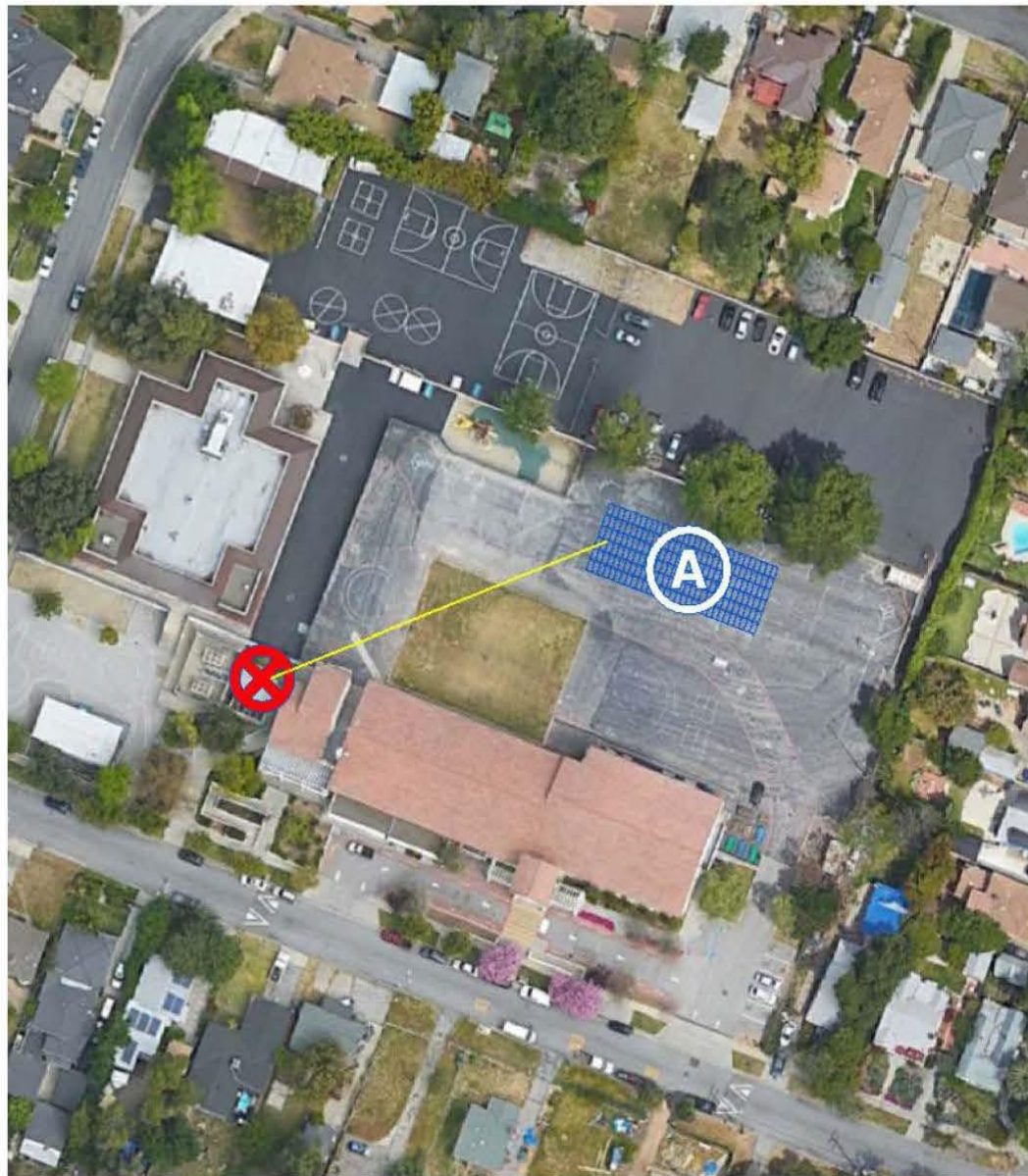




CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	180	72.000	201°	7°
			180	72.000		

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Alma Fuerte Public School	259000-031242	180	72.000	A

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 168 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



Site Name:

ALMA FUERTE PUBLIC SCHOOL

Project name:

PASADENA USD

Site Address:

119 W PALM ST
ALTADENA, CA 91001

Revision: A03

Date: 5/15/2019

Drawn by: SAP



7777 CENTER AVENUE, SUITE 200
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(714) 408-2982

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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth
A	Elevated	6	180	72.000	200°
B	Elevated	5	195	78.000	200°
			375	150.000	

Species

X Chinese Elm

D.B.H.

12"

★ Proposed Tree Replacement Locations

TABLE OF UTILITY METERS

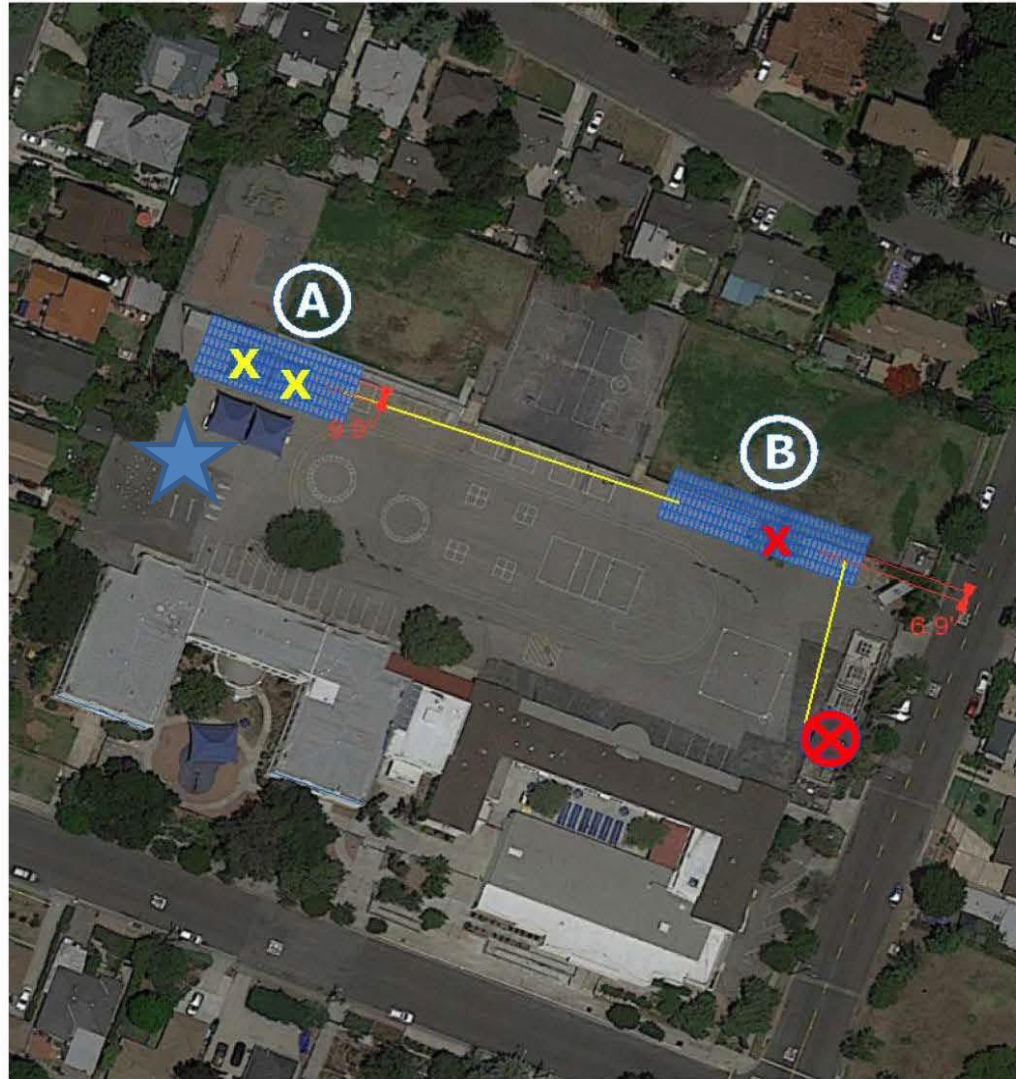
Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Array
	Altadena ES	V349N-000263	375	150.000	A,B

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 302 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



Site Name:

ALTADENA ELEMENTARY SCHOOL

Project name:

PASADENA USD

Site Address:

743 E. CALAVERAS STREET
ALTADENA, CA 91001

Revision:

A02

Date:

5/6/2019

Drawn by:

SAP


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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Carport	6	144	57.600	270°	7°
B	Carport	6	144	57.600	270°	7°
C	Carport	6	180	72.000	270°	7°
D	Carport	6	144	57.600	270°	7°
E	Carport	6	144	57.600	270°	7°
			756	302.400		

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Blair HS	Y4012SL1	756	302.400	A,B,C,D,E

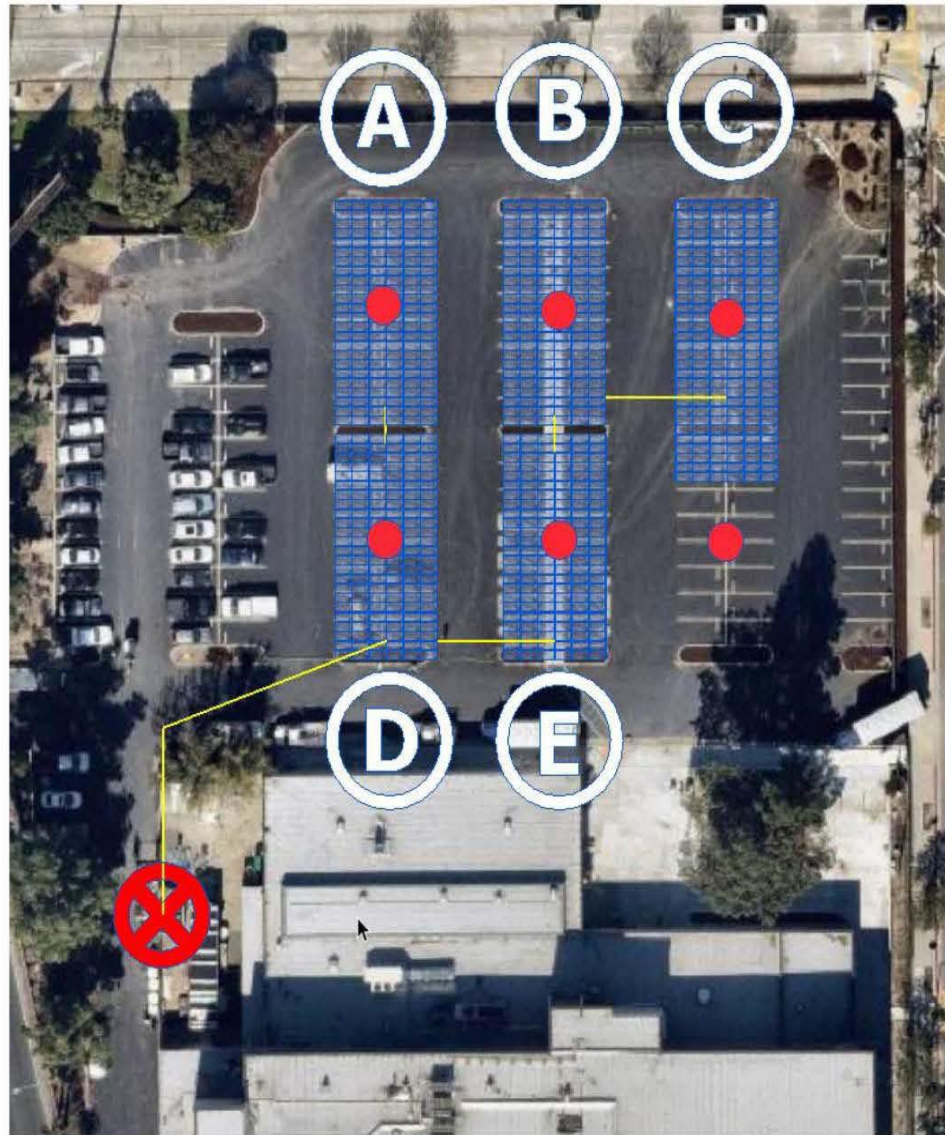
Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W

Total estimated conduit length = 319 ft

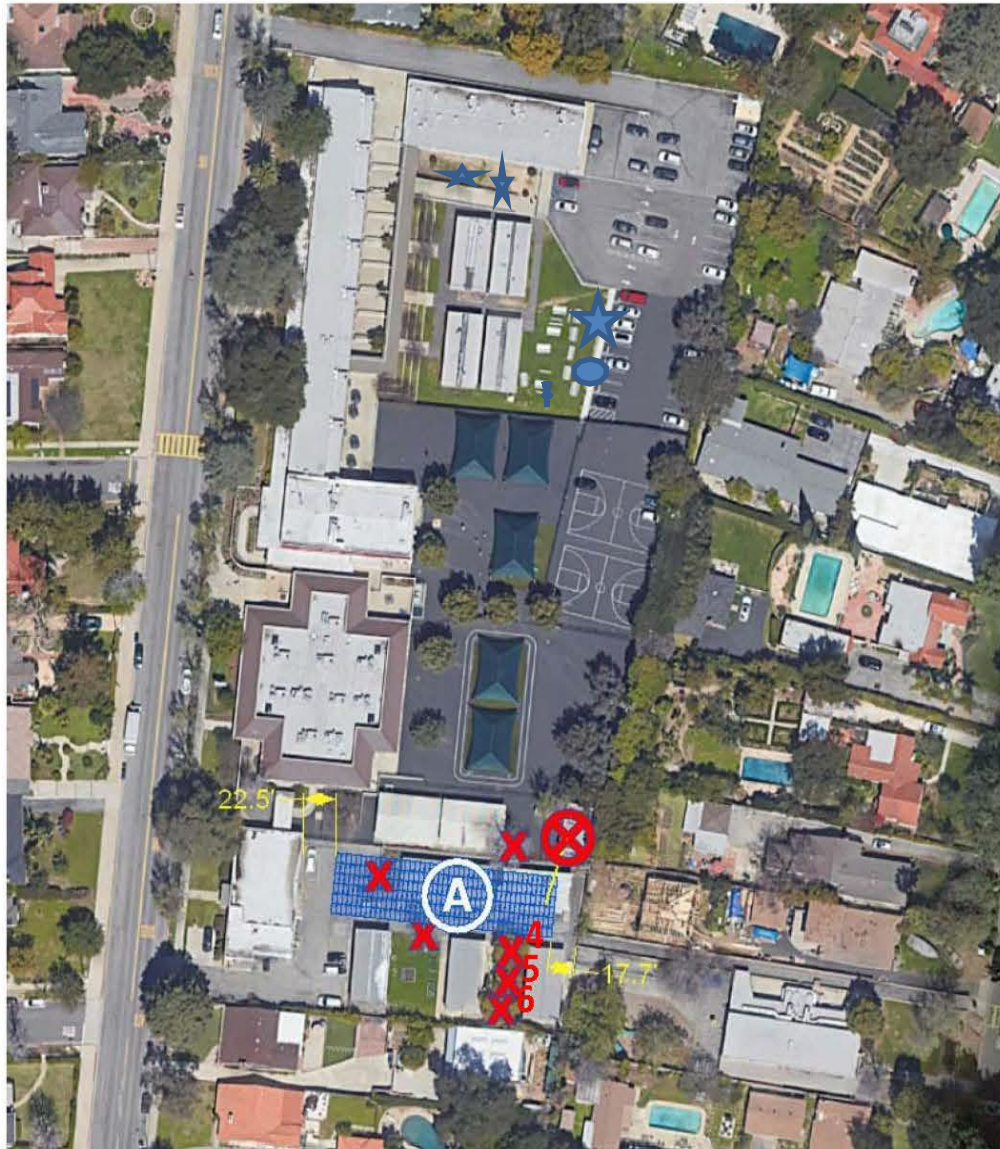
NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



Site Name: BLAIR HIGH SCHOOL	Project name: PASADENA USD	Site Address: 1201 SOUTH MARENGO AVENUE PASADENA, CA 91106	Revision: A01 Date: 5/6/2019 Drawn by: SAP	 Partners For Many Generations 7777 CENTER AVENUE, SUITE 200 HUNTINGTON BEACH CA 92647 (714) 408-2982 WWW.PFMGSOLAR.COM CONFIDENTIALITY STATEMENT This drawing is the property of PFMG Solar LLC and is not to be disclosed to others without written consent from PFMG Solar LLC.
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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	270	108.000	187°	7°
			270	108.000		

Species

D.B.H.



Proposed Tree Replacement Locations

X1	Liquid Ambar	10"
X2	Mulberry	8"
X3	Liquid Amber	10"
X4	Jacaranda	10" Marker Dedication
X5	Jacaranda	8"
X6	Jacaranda	8"

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Burbank ES	259000-024135	270	108.000	A

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W

Total estimated conduit length = 46 ft

NOTES

LEGEND



Solar Array



Point of Interconnection



Proposed Conduit Run



Tree to be removed. Final count may vary



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Site Name:

BURBANK ELEMENTARY SCHOOL

Project name:

PASADENA USD

Site Address:

2046 ALLEN AVE
ALTADENA, CA 91001

Revision:

A02

Date:

5/6/2019

Drawn by:

SAP

CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Carport	6	180	72.000	190°	7°
			180	72.000		

Species

X

Quercus Palustris

D.B.H.

8"



Proposed Tree Replacement Locations

TABLE OF UTILITY METERS

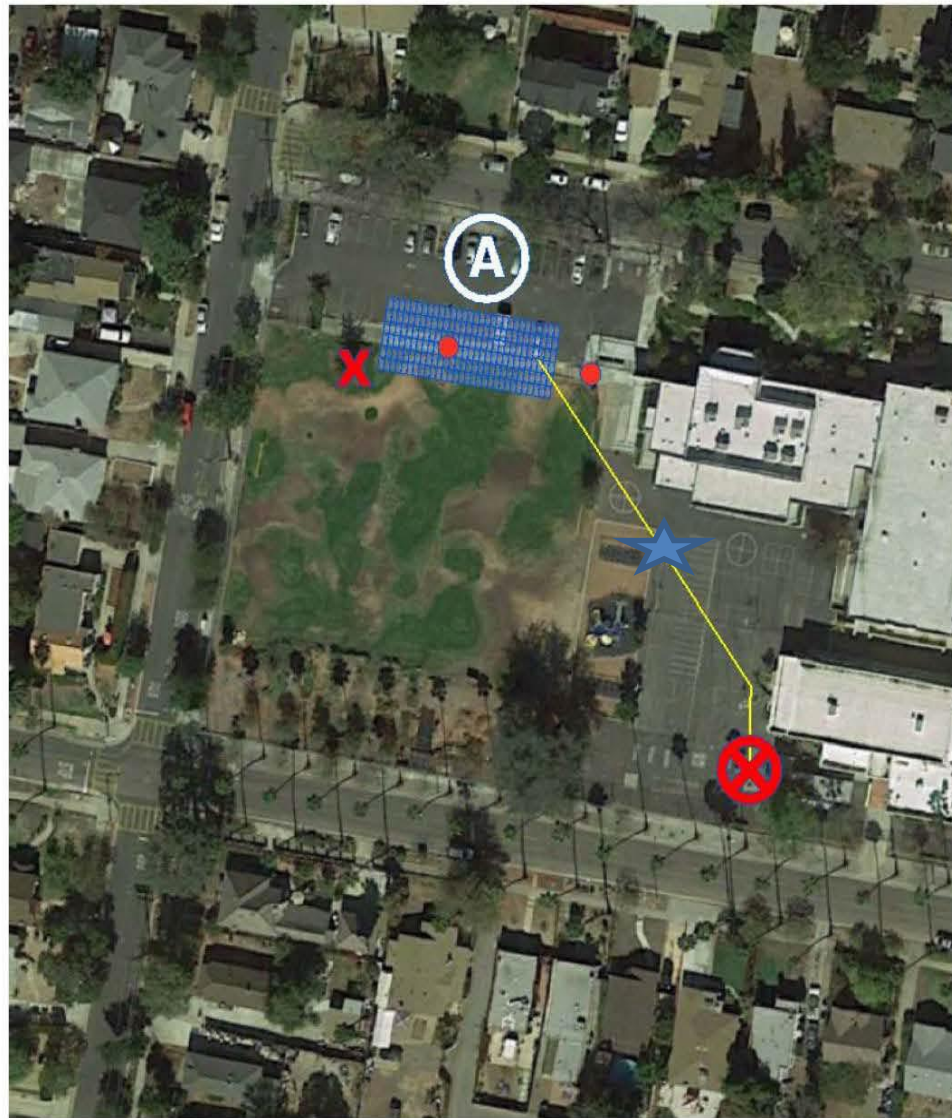
Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Cleveland ES	Y417SL7	180	72.000	A

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 260 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



Site Name:
CLEVELAND ELEMENTARY SCHOOL

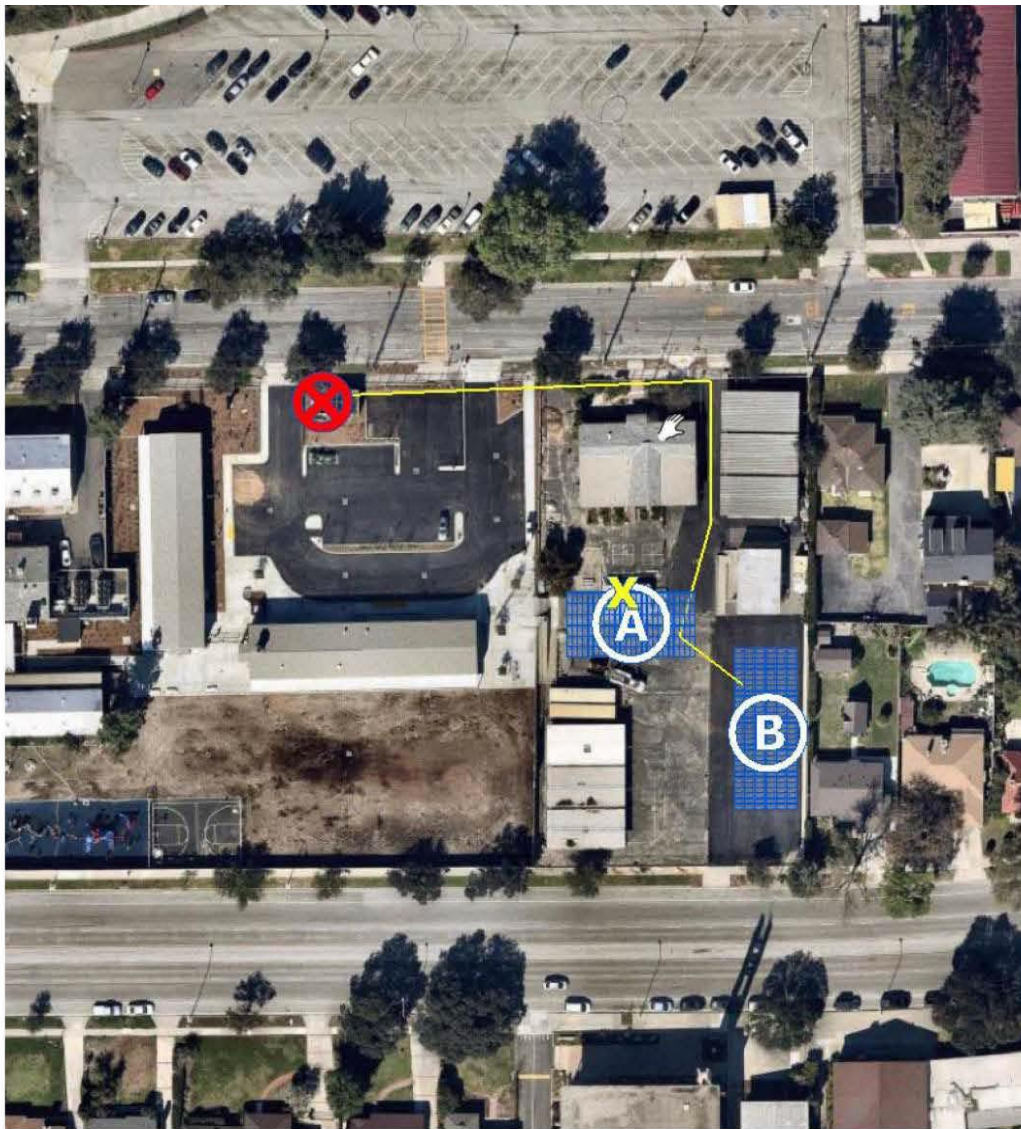
Project name:
PASADENA USD

Site Address:
524 PALISADE ST
PASADENA, CA 91103

Revision: A01
Date: 5/6/2019
Drawn by: SAP



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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	144	57.600	180°	7°
B	Elevated	6	180	72.000	270°	7°
			324	129.600		

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Coombs ES	Y421SL15	324	129.600	A,B

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 480 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



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Site Name:

NORMA COOMBS ELEMENTARY SCHOOL

Project name:

PASADENA USD

Site Address:

2600 PALOMA ST
PASADENA, CA 91107

Revision:

A02

Date:

5/6/2019

Drawn by:

SAP

CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Carport	3	180	72.000	180°	7°
B	Carport	5	220	88.000	180°	7°
C	Carport	5	220	88.000	180°	7°
			620	248.000		

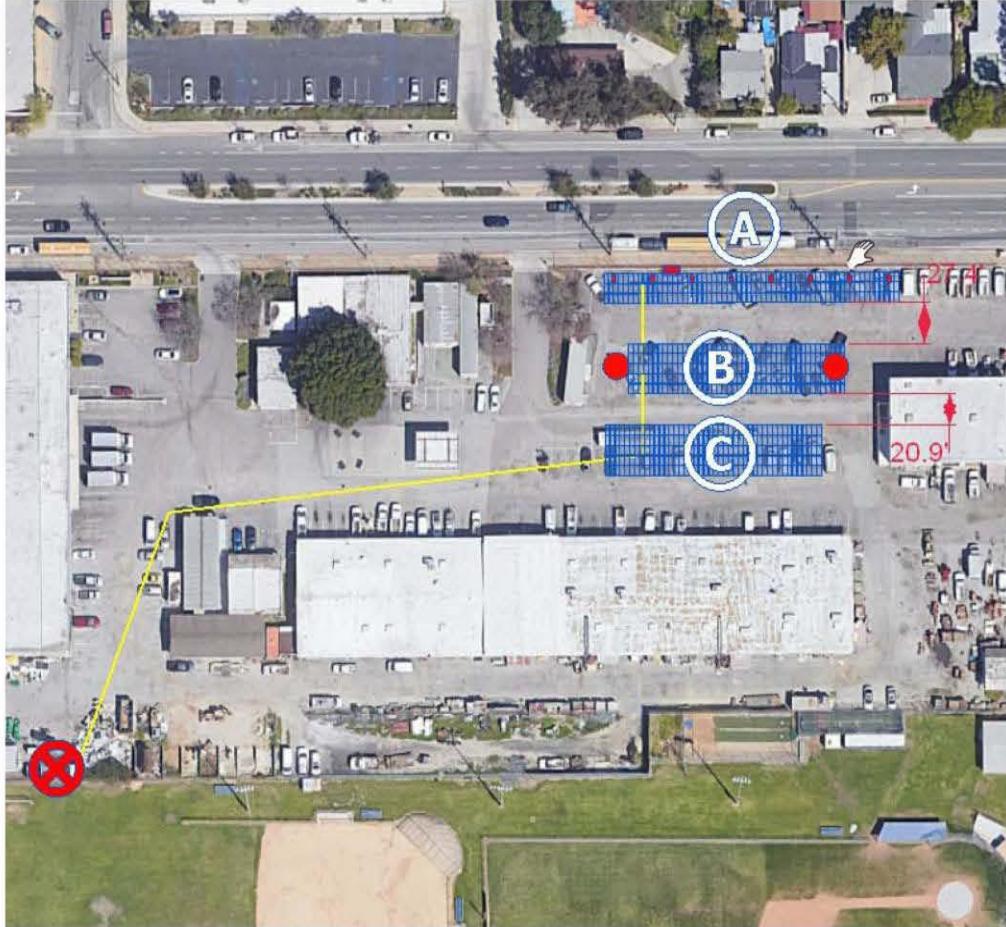


TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	District Service Center 1	Y420SL1	620	248.000	A,B,C

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 623 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



Site Name:

DISTRICT SERVICE CENTER

Project name:

PASADENA USD

Site Address:

740 W WOODBURY RD
ALTADENA, CA 91001

Revision:

A01

Date:

5/6/2019

Drawn by:

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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Carport	6	108	43.200	270°	7°
B	Elevated	6	180	72.000	180°	7°
			288	115.200		

Species

X1 Ash (Volunteer)

X2 Palm (Volunteer)

X3 Olive (Volunteer)

X4 Ash (Volunteer)

D.B.H.

10"

3' Height of Trunk

10"

12"

★ Proposed Tree Replacement Locations

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Don Benito FS	Y220SL3	288	115.200	A,B

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 402 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



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Site Name:

DON BENITO FUNDAMENTAL SCHOOL

Project name:

PASADENA USD

Site Address:

3700 DENAIR ST
PASADENA, CA 91107

Revision:

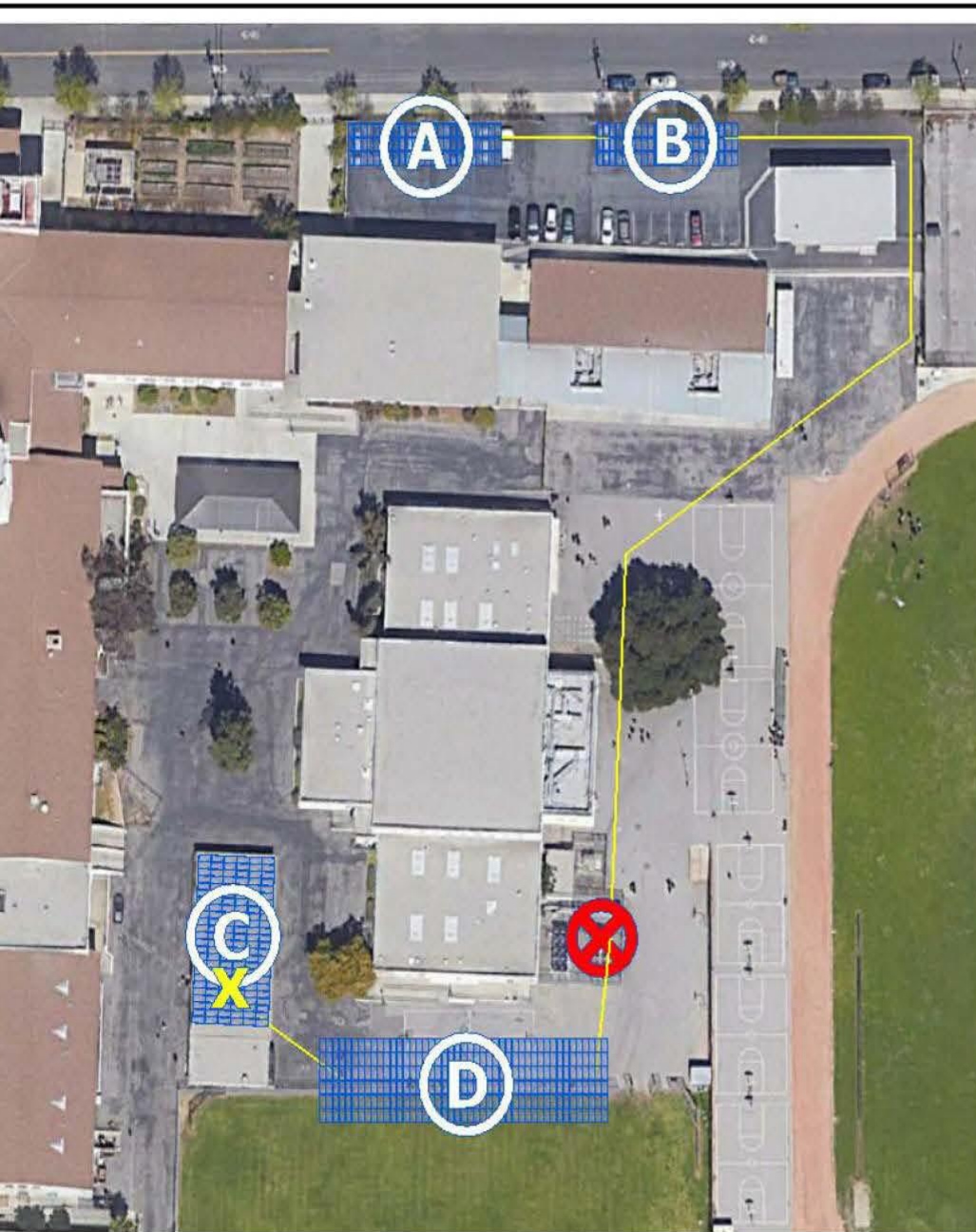
A01

Date:

5/6/2019

Drawn by:

SAP



CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Carport	3	72	28.800	180°	7°
B	Carport	3	66	26.400	180°	7°
C	Elevated	6	144	57.600	273°	7°
D	Elevated	6	270	108.000	180°	7°
			552	220.800		

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Eliot Arts Magnet Academy	V349N-006249	552	220.800	A,B,C,D

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 764 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



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Project Name:

ELIOT ARTS MAGNET ACADEMY

Project name:

PASADENA USD

Site Address:

2184 N LAKE AVE
ALTADENA, CA 91001

Revision:

A01

Date:

5/6/2019

Drawn by:

SAP

CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	162	64.800	180°	7°
B	Elevated	6	90	36.000	180°	7°
			252	100.800		

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Field ES	Y420SL32	252	100.800	A,B

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 110 ft

NOTES

LEGEND



Solar Array



Point of Interconnection



Proposed Conduit Run



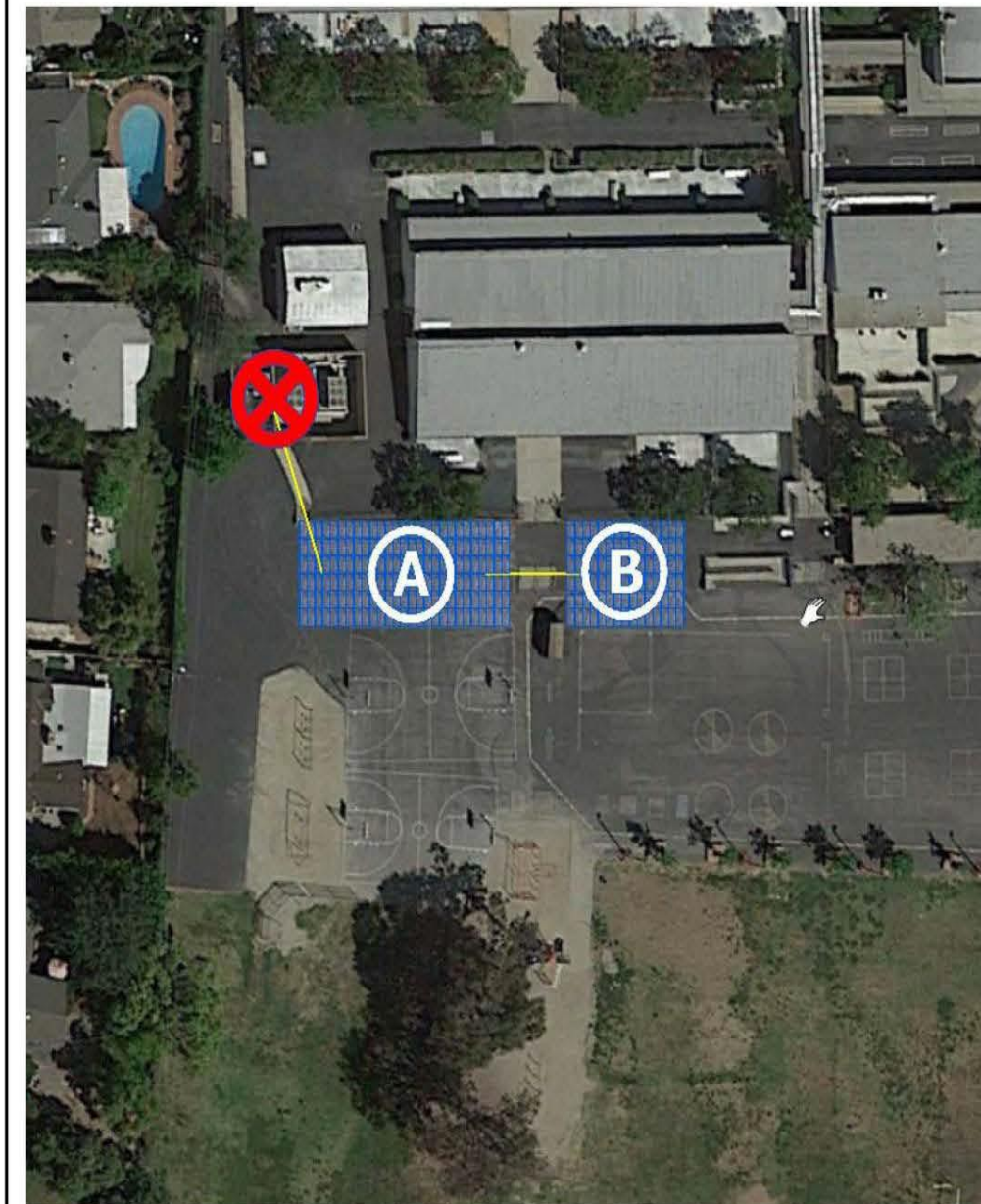
Tree to be removed. Final count may vary



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Site Name:
FIELD ELEMENTARY SCHOOL

Project name:
PASADENA USD

Site Address:
3600 E SIERRA MADRE BLVD
PASADENA, CA 91107

Revision: A01
Date: 5/6/2019
Drawn by: SAP

CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	324	129.600	201°	7°
			324	129.600		

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Franklin ES	259000-019637	324	129.600	A

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 192 ft

NOTES

LEGEND



Solar Array



Point of Interconnection



Proposed Conduit Run



Tree to be removed. Final count may vary

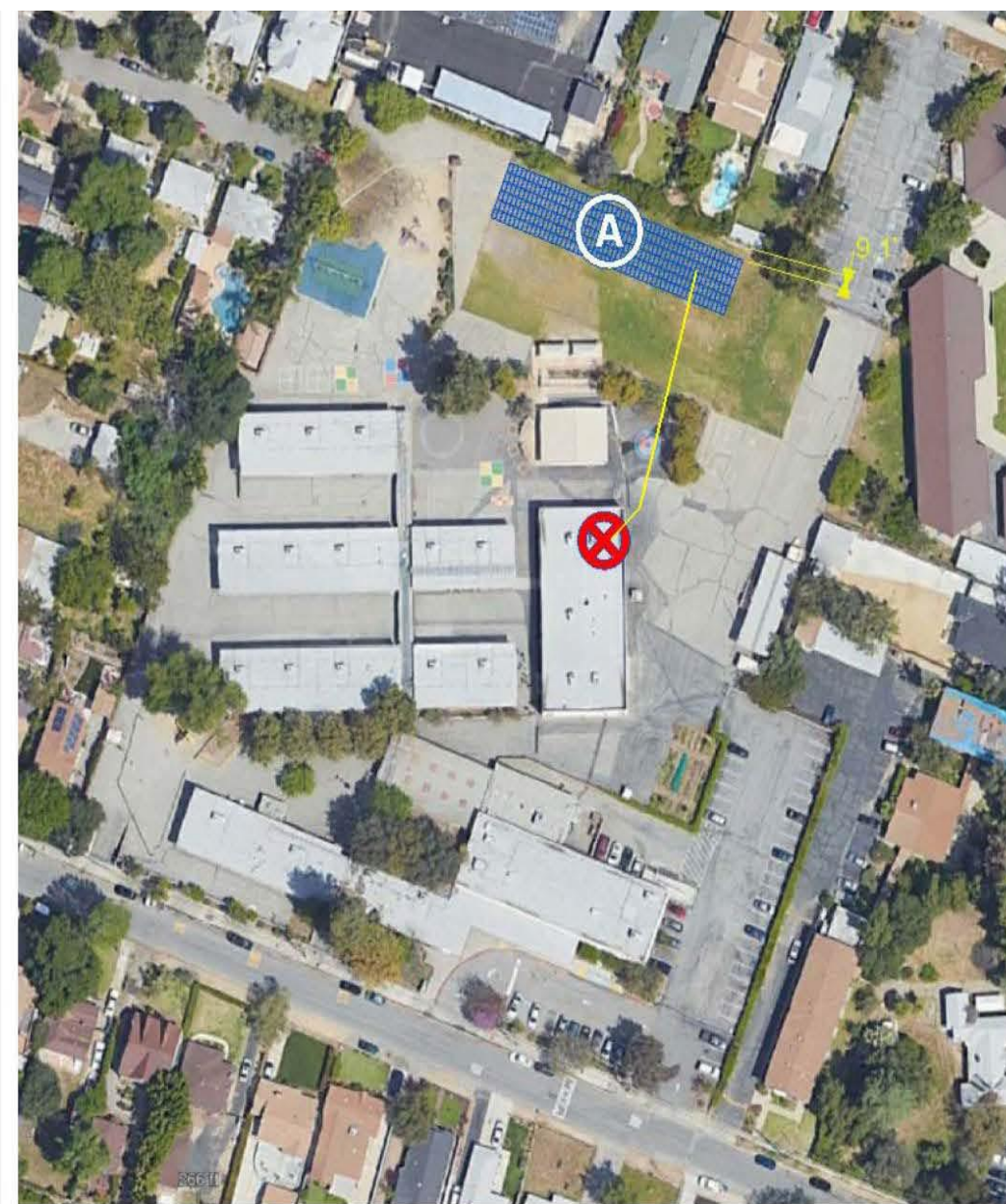


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Site Name:	Project name:	Site Address:
FRANKLIN ELEMENTARY SCHOOL	PASADENA USD	527 VENTURA ST ALTADENA, CA 91001

Revision:	A02
Date:	5/6/2019
Drawn by:	SAP



CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	234	93.600	270°	7°
			234	93.600		

Species

Species	D.B.H.
X1 Ginko	3"
X2 Ginko	6"
X3 Ginko	10"
X4 Ginko	10" Marker Dedication
X5 Ginko	8"
X6 Jacaranda	8"
X7 Jacaranda	8"
X8 Liriodendron	5" (dying)

★ Proposed Tree Replacement Locations

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Hamilton ES	Y420SL20	234	93.600	A

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 311 ft

NOTES

LEGEND

	Solar Array
	Point of Interconnection
	Proposed Conduit Run
	Tree to be removed. Final count may vary



Site Name:

HAMILTON ELEMENTARY SCHOOL

Project name:

PASADENA USD

Site Address:

2089 ROSE VILLA ST
PASADENA, CA 91107

Revision:

A02

Date:

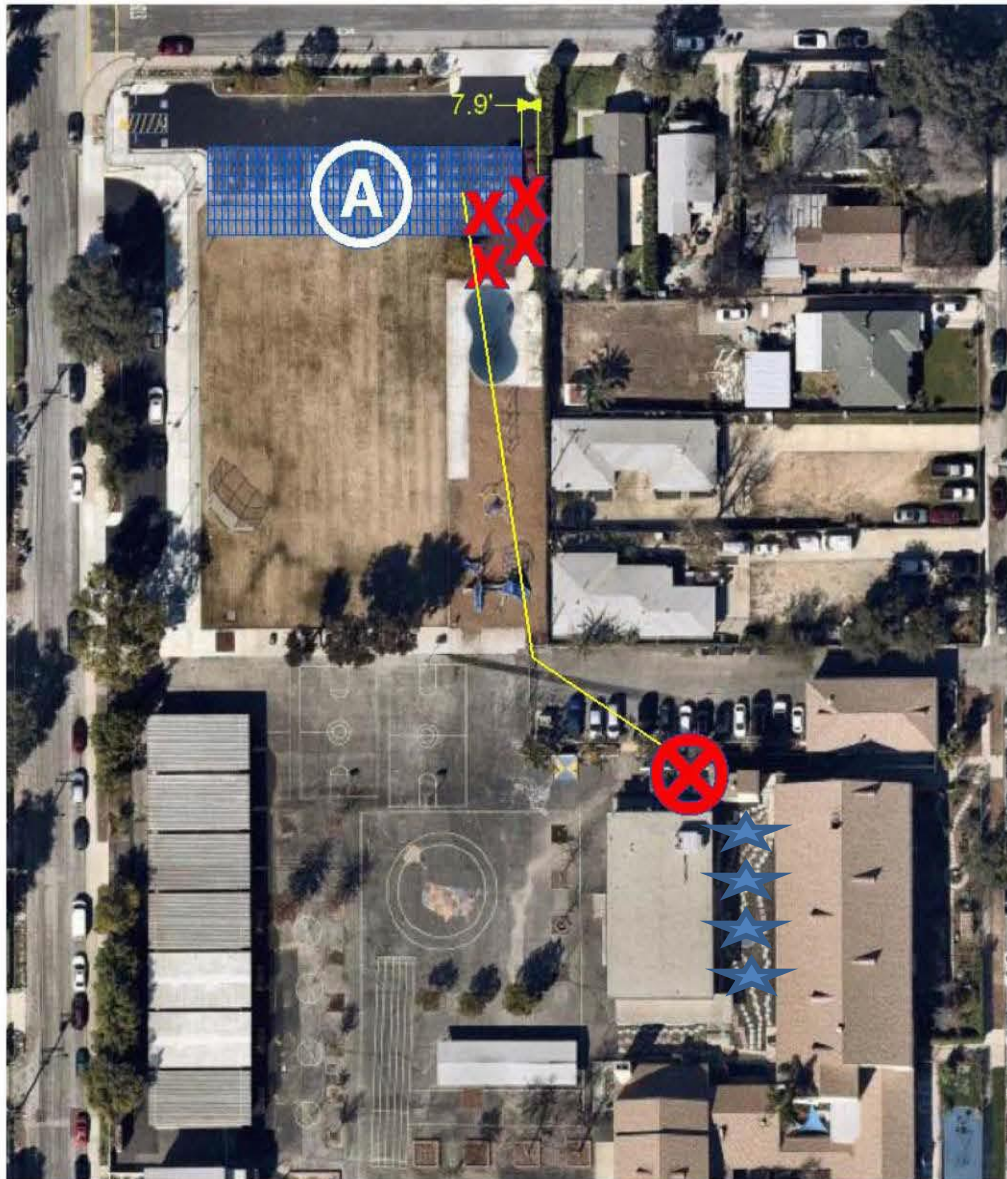
5/6/2019

Drawn by:

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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Carport	6	270	108.000	180°	7°
			270	108.000		

Species

X1 Tabebuia

X2 Tabebuia

X3 Tabebuia

X4 Tabebuia

X5 Quercus Agrifolia

D.B.H.

5"

2"

3"

5"

8"

 Proposed Tree Replacement Locations

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Jackson STEM Academy	259000-018979	270	108.000	A

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W

Total estimated conduit length = 323 ft

NOTES

LEGEND



Solar Array



Point of Interconnection



Proposed Conduit Run



Tree to be removed. Final count may vary



Site Name:
JACKSON STEM ACADEMY

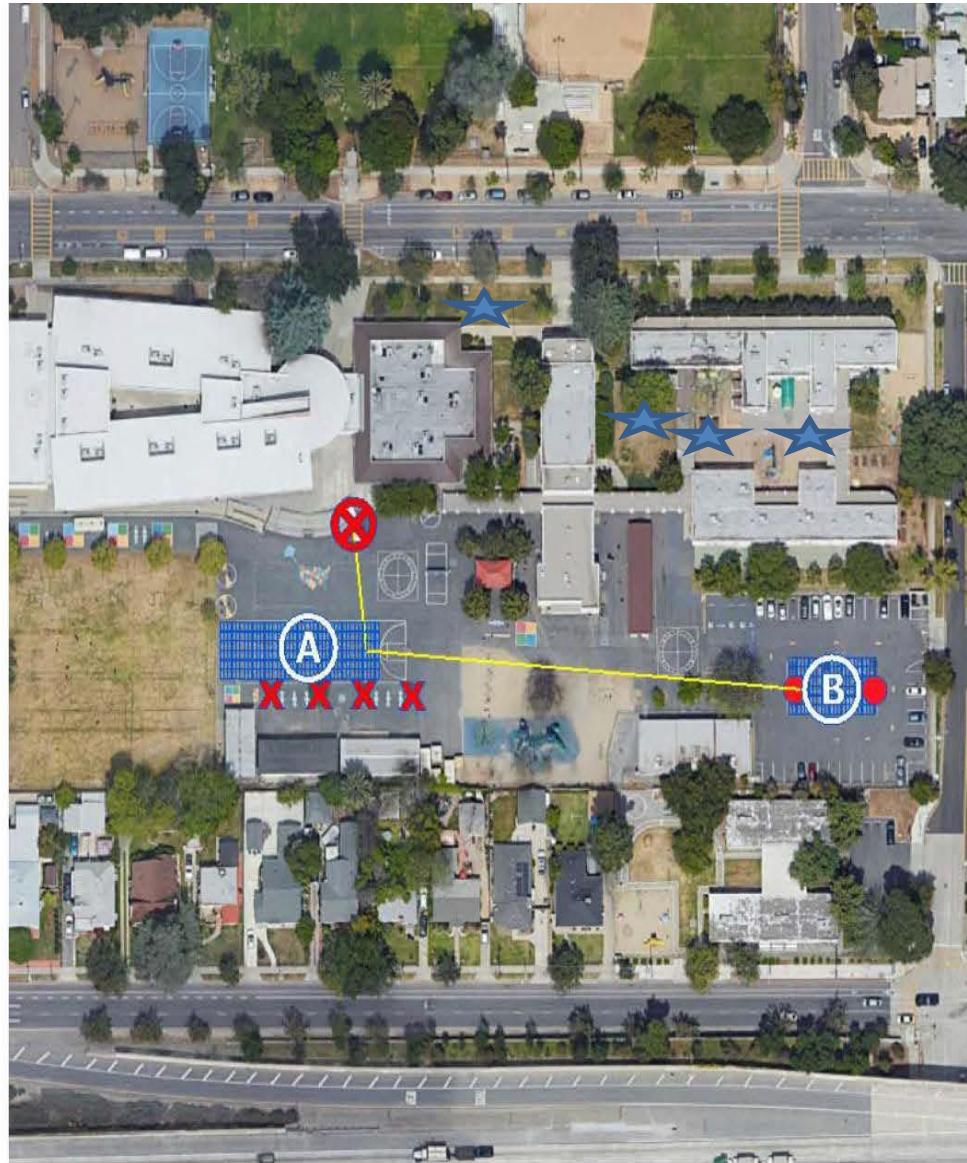
Project name:
PASADENA USD

Site Address:
593 W WOODBURY RD
ALTADENA, CA 91001

Revision: A01
Date: 5/6/2019
Drawn by: SAP


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Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	234	93.600	180°	7°
B	Carport	6	126	50.400	270°	7°
			360	144.000		

Species

X1 Liriodendron
X2 Liriodendron
X3 Liriodendron
X4 Liriodendron

D.B.H.

6" Dying (50% Dead)
8"
6" Dead
6"

★ Proposed Tree Replacement Locations

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Jefferson ES	Y4205SL38	360	144.000	A,B

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 435 ft

NOTES

LEGEND

- Solar Array
- Point of Interconnection
- Proposed Conduit Run
- Tree to be removed. Final count may vary



Site Name:
JEFFERSON ELEMENTARY SCHOOL

Project name:
PASADENA USD

Site Address:
1500 E VILLA ST
PASADENA , CA 91106

Revision: A02
Date: 5/6/2019
Drawn by: SAP

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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Carport	6	426	170.400	180°	7°
B	Carport	6	360	144.000	180°	7°
C	Carport	6	360	144.000	180°	7°
D	Carport	3	171	68.400	270°	7°
E	Carport	6	342	136.800	270°	7°
F	Carport	6	342	136.800	270°	7°
G	Carport	3	120	48.000	270°	7°
			2,121	848.400		

Species

X1 Tabebuia
X2 Tabebuia
X3 Tabebuia
X4 Tabebuia

D.B.H.

4"
5"
6"
6"



Proposed Tree
Replacement
Locations

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	John Muir HS 1	Y4012SL2	2,121	848.400	A,B,C,D,E,F,G

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 1838 ft

NOTES

LEGEND



Solar Array



Point of Interconnection



Proposed Conduit Run



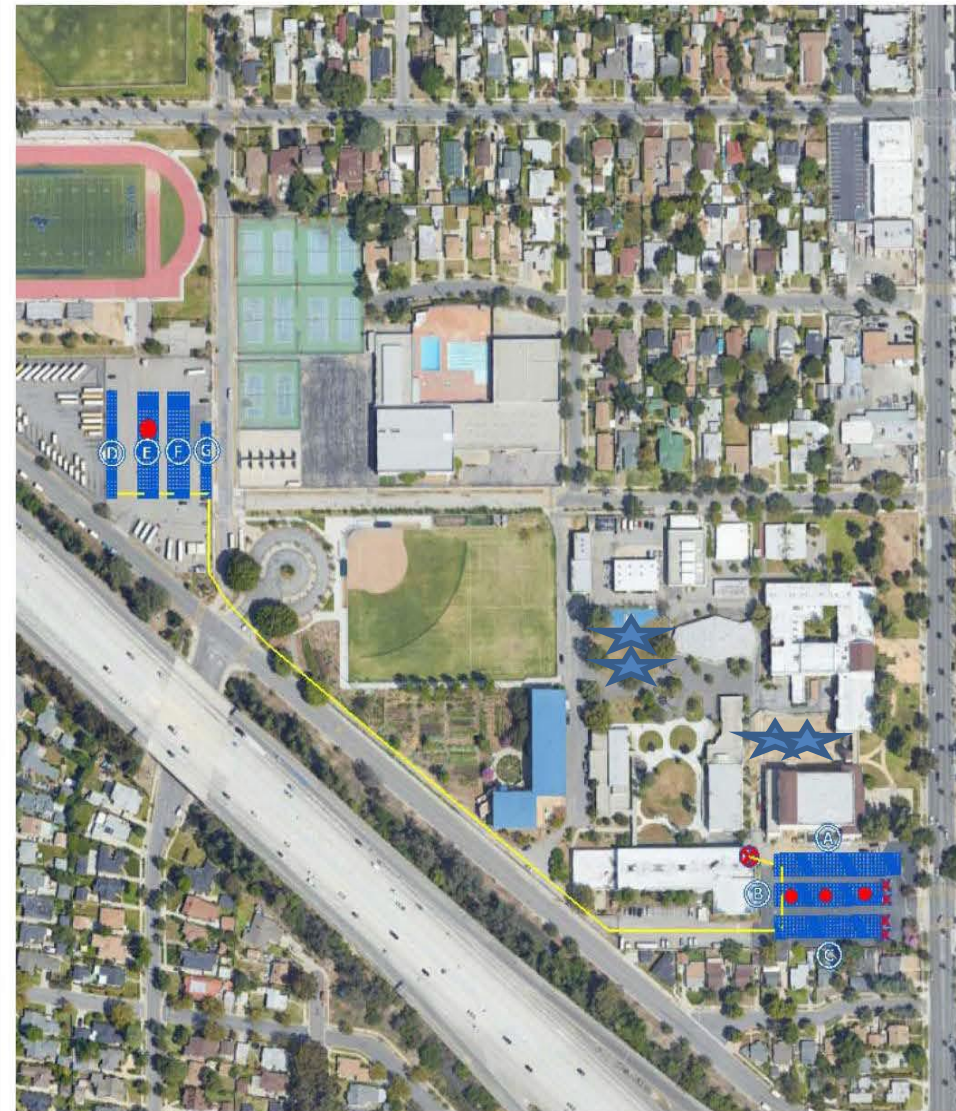
Tree to be removed. Final count may vary



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Site Name:

JOHN MUIR HIGH SCHOOL

Project name:

PASADENA USD

Site Address:

1905 LINCOLN AVE
PASADENA, CA 91103

Revision: A02

Date: 5/15/2019

Drawn by: SAP

CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	180	72.000	270°	7°
B	Elevated	6	180	72.000	90°	7°
			360	144.000		

Species

D.B.H.

X1	Albizzia	6"
X2	Albizzia	6"
X3	Quercus Ilex	10"
X4	Quercus Ilex	8"

★ Proposed Tree Replacement Locations

TABLE OF UTILITY METERS

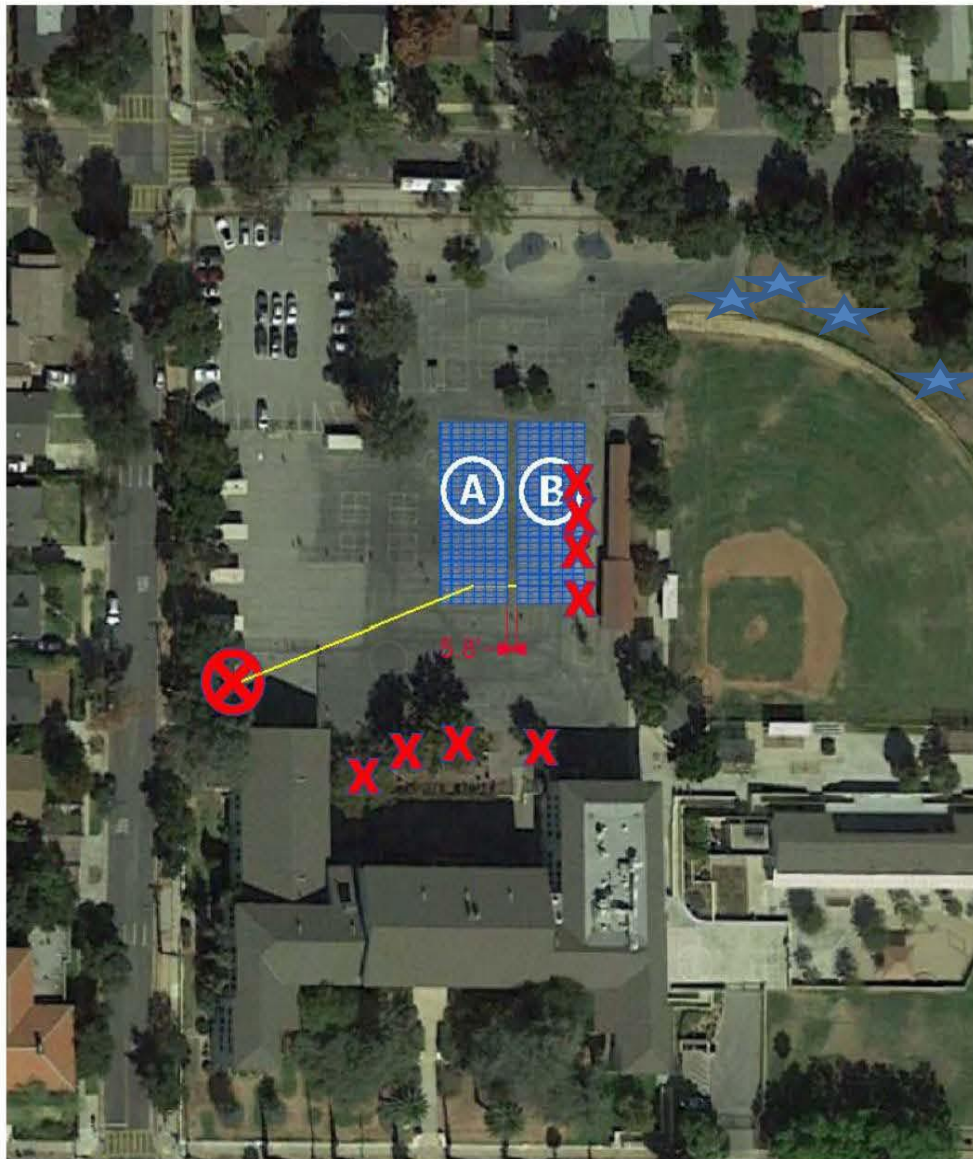
Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Longfellow ES	Y417SL16	360	144.000	A,B

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 188 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



Site Name:
LONGFELLOW ELEMENTARY SCHOOL

Project name:
PASADENA USD

Site Address:
1065 E WASHINGTON BLVD
PASADENA , CA 91104

Revision: A02
Date: 5/6/2019
Drawn by: SAP

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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	180	72.000	180°	7°
B	Elevated	6	138	55.200	270°	7°
			318	127.200		

Species

D.B.H.

X1	Jacaranda	6"
X2	Jacaranda	8"
X3	Jacaranda	4"
X4	Jacaranda	6"
X5	Jacaranda	6"
X6	Liriodendron	4"
X7	Liriodendron	6"

★ Proposed Tree Replacement Locations

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Madison ES	Y420SL35	318	127.200	A,B

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 68 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



Site Name:

MADISON ELEMENTARY SCHOOL

Project name:

PASADENA USD

Site Address:

515 ASHTABULA ST
PASADENA, CA 91104

Revision:

A02

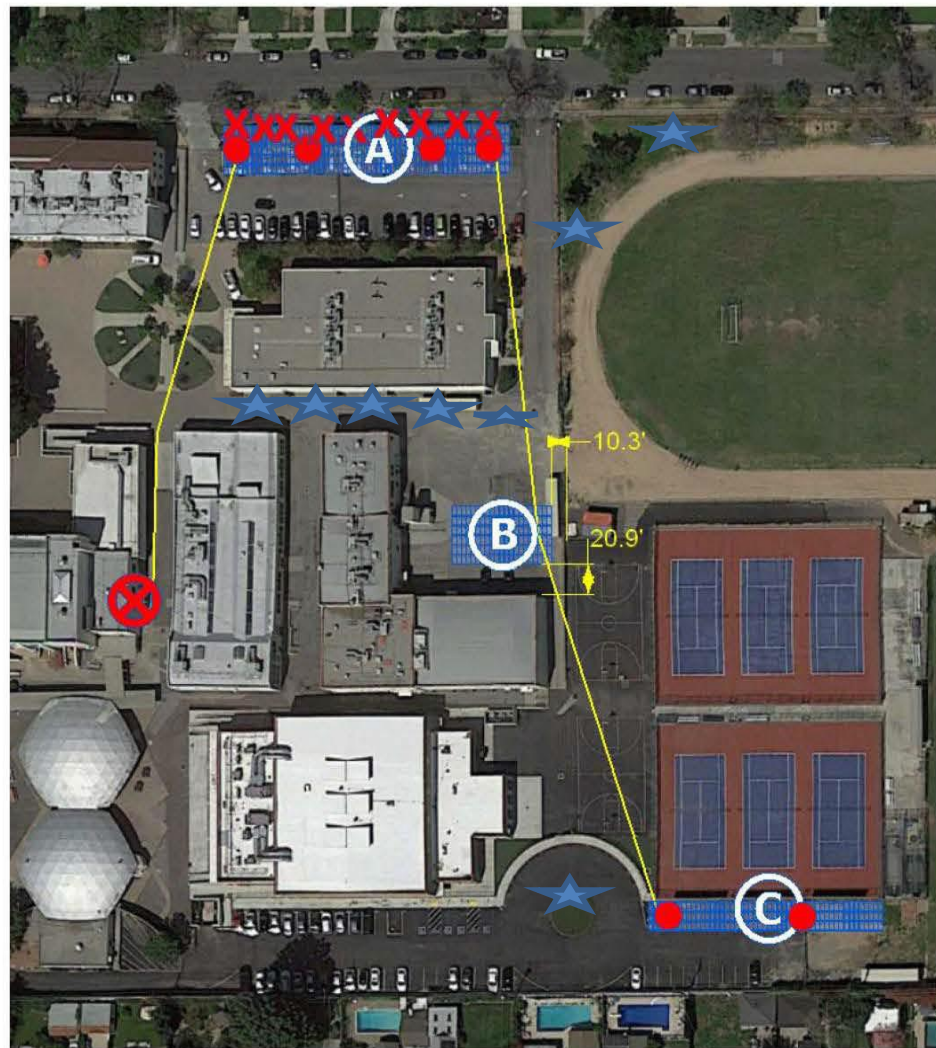
Date:

6/10/2019

Drawn by:

PMS


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HUNTINGTON BEACH, CA 92647
(714) 408-2982
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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Carport	5	300	120.000	180°	7°
B	Elevated	6	126	50.400	180°	7°
C	Carport	3	147	58.800	180°	7°
			573	229.200		

Species

D.B.H.

X1	Camphor	3" Stunted Poor Health
X2	Camphor	5" Fair
X3	Camphor	4" 100% Dead
X4	Camphor	5" Fair 20% Dead
X5	Camphor	6" Fair 20% Dead
X6	Camphor	5" 50% Dead/Dying
X7	Camphor	5" 80% Dead/Dying
X8	Camphor	Dead
X9	Camphor	Removed/Dead

★ Proposed Tree Replacement Locations

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Marshall FS	Y424SL26	573	229.200	A,B,C

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 863 ft

NOTES

LEGEND

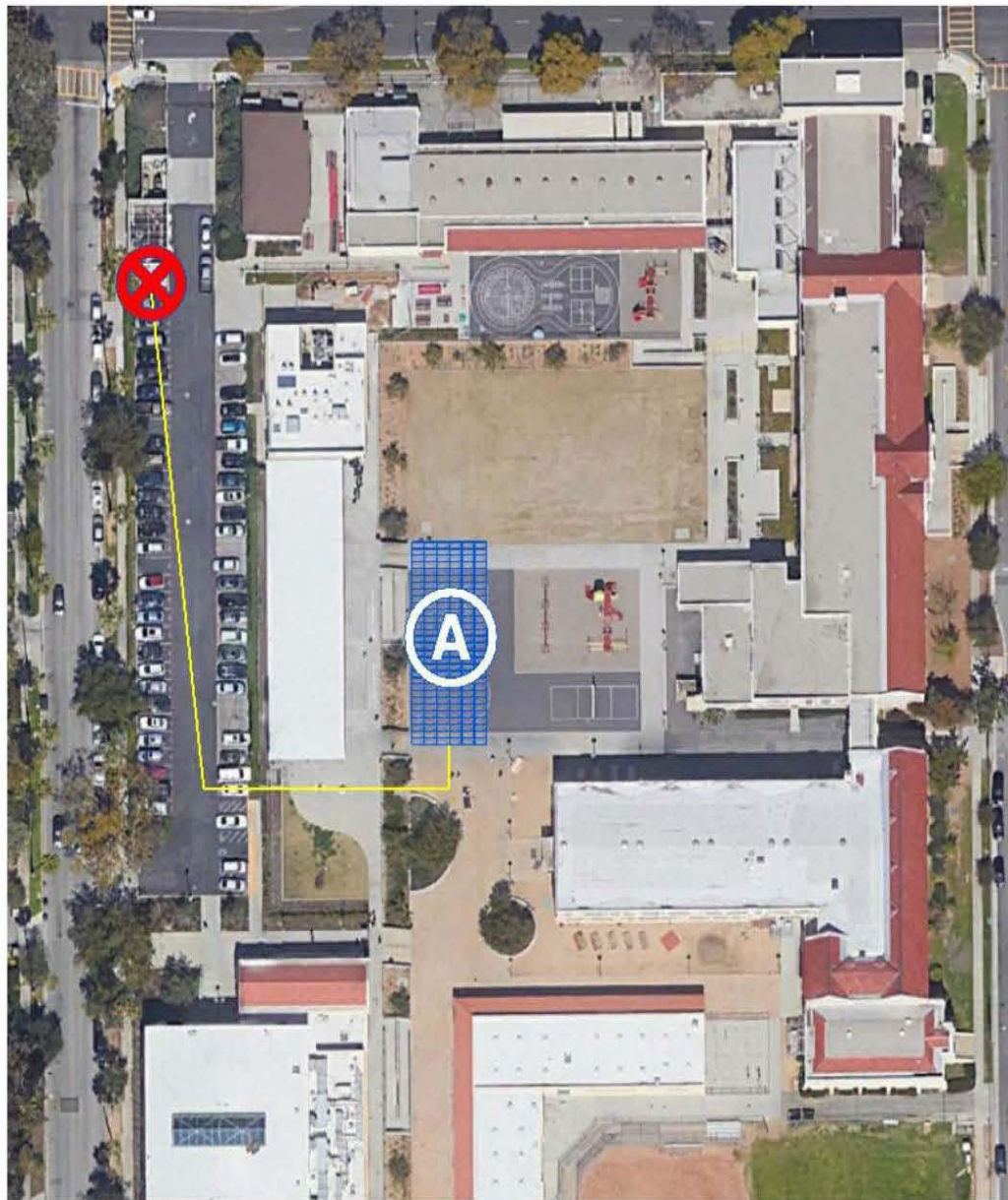
- Solar Array
- Point of Interconnection
- Proposed Conduit Run
- Tree to be removed. Final count may vary



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Site Name: MARSHALL FUNDAMENTAL SCHOOL	Project name: PASADENA USD	Site Address: 990 ALLEN AVE PASADENA, CA 91104	Revision: A01
			Date: 5/6/2019
			Drawn by: SAP



CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	180	72.000	270°	7°
			180	72.000		

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	McKinley School	Y424SL16	180	72.000	A

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 173 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



Site Name:

MCKINLEY ELEMENTARY SCHOOL

Project name:

PASADENA USD

Site Address:

325 S OAK KNOLL AVE
PASADENA, CA 91101

Revision:

A02

Date:

5/6/2019

Drawn by:

SAP



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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Carport	6	438	175.200	180°	7°
B	Carport	6	474	189.600	180°	7°
C	Carport	6	504	201.600	180°	7°
D	Carport	4	344	137.600	180°	7°
			1,760	704.000		

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Pasadena HS	Y4015S41	1,760	704.000	A,B,C,D

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 822 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



Site Name:

PASADENA HIGH SCHOOL

Project name:

PASADENA USD

Site Address:

2925 E SIERRA MADRE BLVD
PASADENA , CA 91107

Revision:

A02

Date:

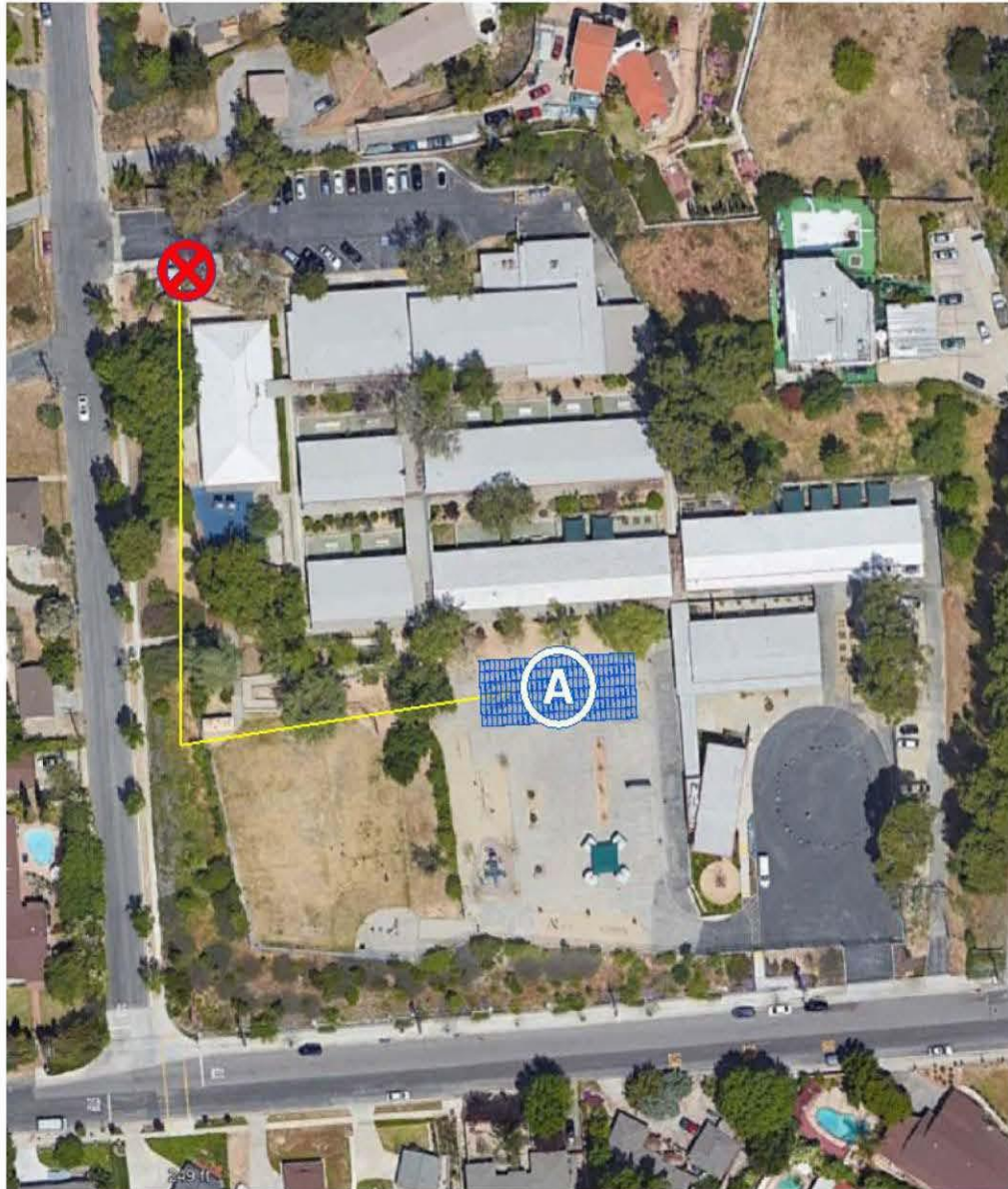
5/15/2019

Drawn by:

SAP



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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	180	72.000	178°	7°
			180	72.000		

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	adana Rosebud Acad	259000-018881	180	72.000	A

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 504 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



Site Name:

PASADENA ROSEBUD ACADEMY

Project name:

PASADENA USD

Site Address:

3544 CANON BLVD
ALTADENA, CA 91001

Revision:

A02

Date:

5/6/2019

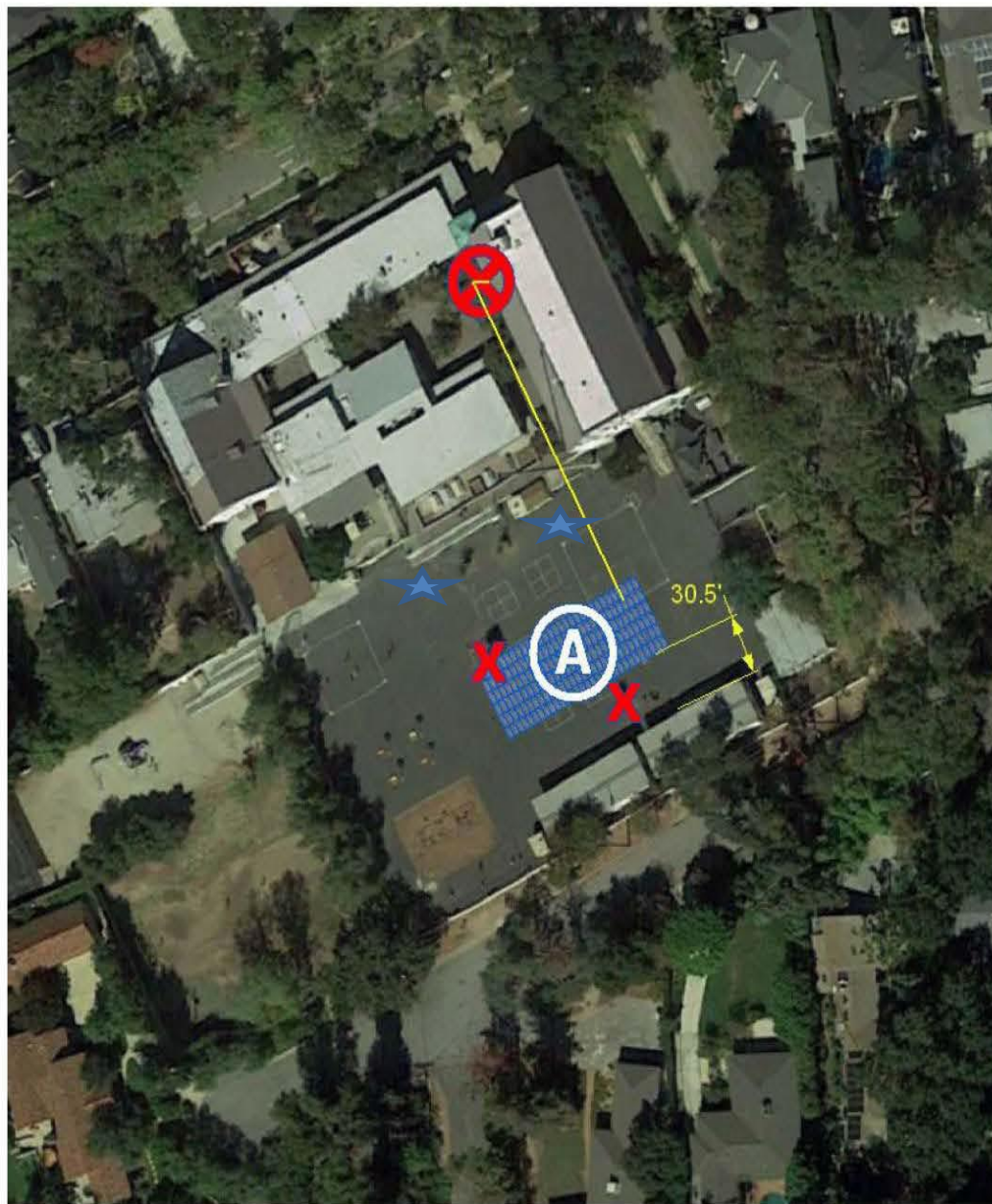
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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	180	72.000	153°	7°
			180	72.000		

Species

X1 Quercus Virginia

X2 Quercus Agrifolia

D.B.H.

6" deranged-Lean

4"



Proposed Tree Replacement Locations

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	San Rafael ES	T212LC6	180	72.000	A

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 193 ft

NOTES

LEGEND



Solar Array



Point of Interconnection



Proposed Conduit Run



Tree to be removed. Final count may vary



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Site Name:

SAN RAFAEL ELEMENTARY SCHOOL

Project name:

PASADENA USD

Site Address:

1090 NITHSDALE RD
PASADENA , CA 91105

Revision:

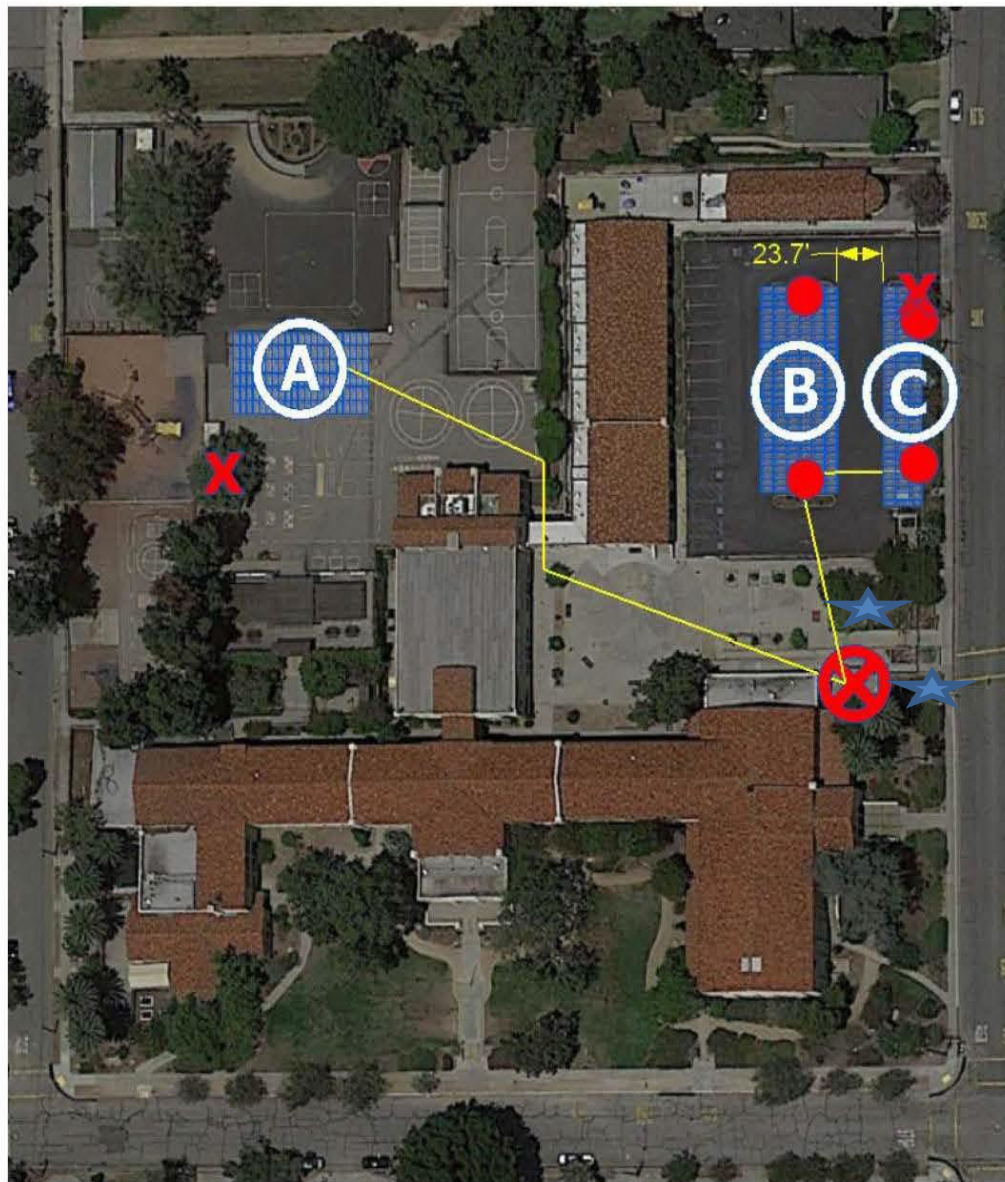
A01

Date:

5/6/2019

Drawn by:

SAP



CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	126	50.400	180°	7°
B	Carport	6	180	72.000	90°	7°
C	Carport	3	96	38.400	90°	7°
			402	160.800		

Species

X1 Deodar

X2 Jacaranda

D.B.H.

10"

10" (damaged)



Proposed Tree Replacement Locations

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Sierra Madre ES	V349N-012000	402	160.800	A,B,C

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 497 ft

NOTES

LEGEND



Solar Array



Point of Interconnection



Proposed Conduit Run



Tree to be removed. Final count may vary



Site Name:

SIERRA MADRE ELEMENTARY SCHOOL

Project name:

PASADENA USD

Site Address:

141 W HIGHLAND AVE
SIERRA MADRE, CA 91024

Revision:

A02

Date:

5/15/2019

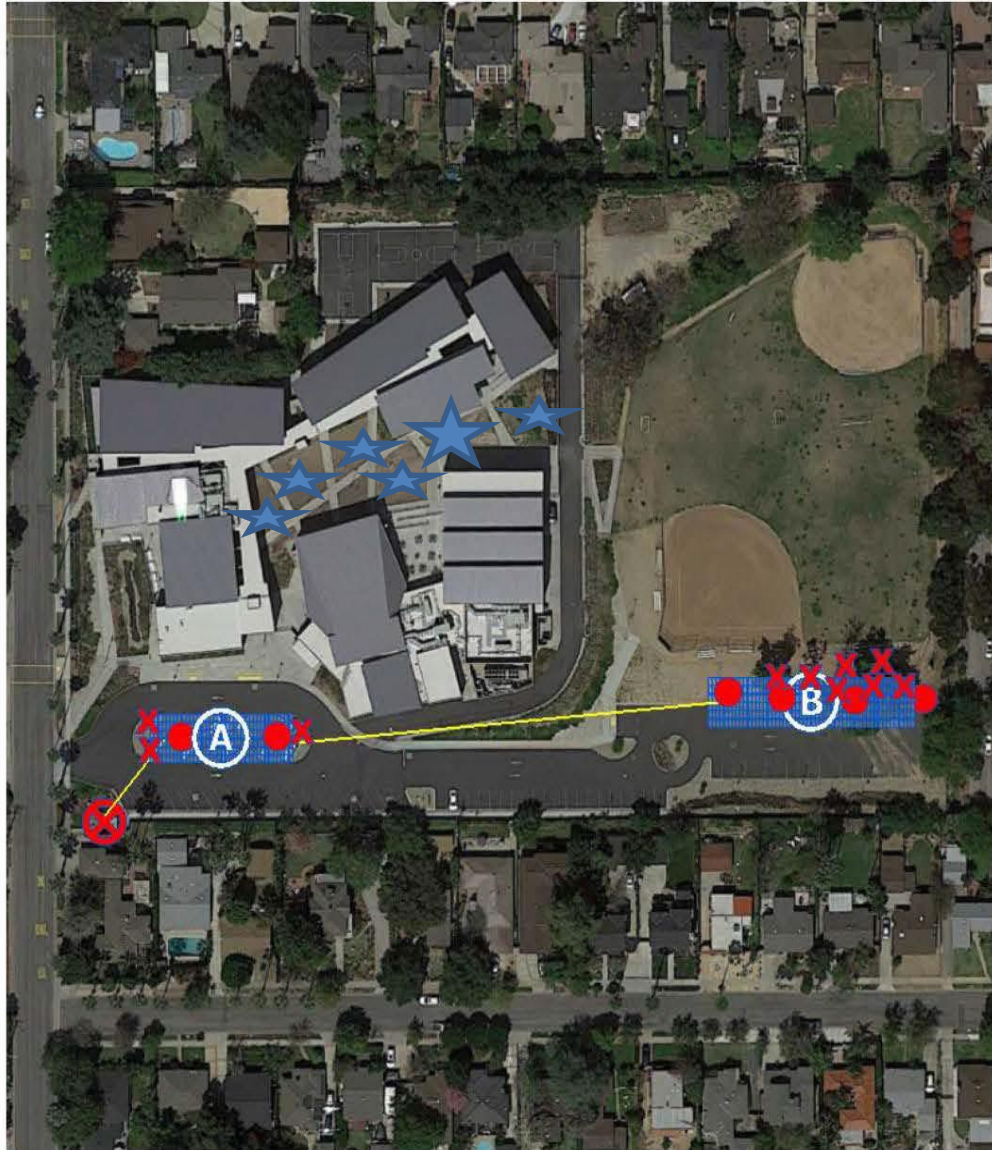
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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Carport	6	216	86.400	180°	7°
B	Carport	6	312	124.800	180°	7°
			528	211.200		

Species

Species	D.B.H.
X1 Quercus Virginia	3"
X2 Quercus Virginia	3" New Tree
X3 Quercus Virginia	3" New Tree
X4 Chinese Elm	6" Roots Cut
X5 Chinese Elm	6" Roots Cut
X6 Ash	4" Roots Cut
X7 Ash	6" Roots Cut
X8 Chinese Elm	3" Roots Cut
X9 Ash	10" Roots Cut

★ Proposed Tree Replacement Locations

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Sierra Madre MS	259000-060174	528	211.200	A,B

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 427 ft

NOTES

LEGEND

	Solar Array
	Point of Interconnection
	Proposed Conduit Run
	Tree to be removed. Final count may vary



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Site Name:

SIERRA MADRE MIDDLE SCHOOL

Project name:

PASADENA USD

Site Address:

160 N CAÑON AVE
SIERRA MADRE, CA 91024

Revision:

A02

Date:

5/6/2019

Drawn by:

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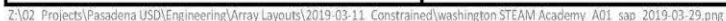


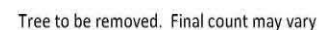
TABLE OF SOLAR ARRAYS

<u>Species</u>	<u>D.B.H.</u>
X1 Eucalyptus	6" Dropping Branches
X2 Eucalyptus	8" Dropping Branches
X3 Eucalyptus	10" Dropping Branches
X4 Eucalyptus	6" Dropping Branches
X5 Eucalyptus	8" Dropping Branches
X6 Eucalyptus	10" Dropping Branches

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Shington STEAM Acad	Y424SL30	410	164.000	A,B

NOTES

LEGEND



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WASHINGTON STEAM ACADEMY

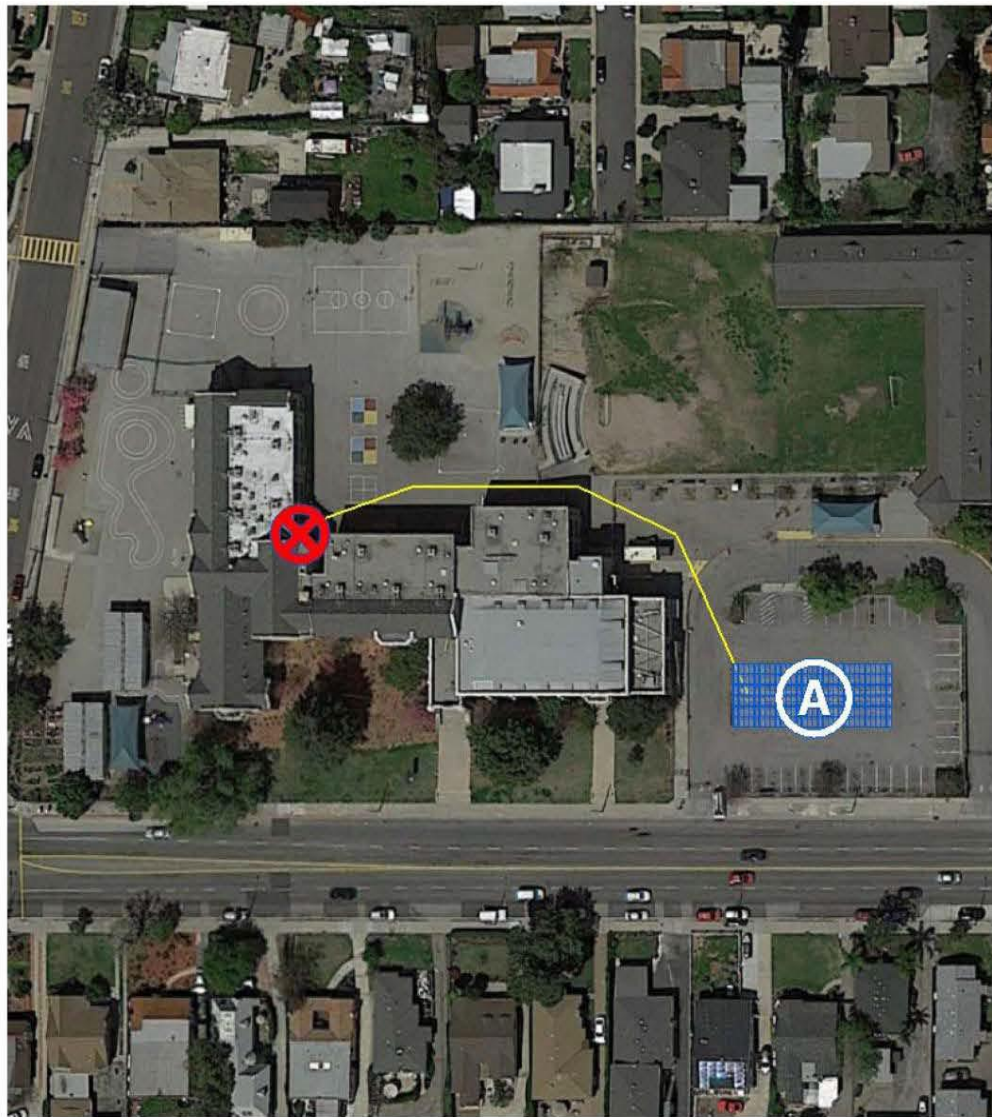
PASADENA USD

1505 MARENGO AVE
PASADENA, CA 91103

A01

5/6/2019

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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Carport	6	180	72.000	180°	7°
			180	72.000		

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Webster ES	359150-000915	180	72.000	A

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 369 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



Site Name:

WEBSTER ELEMENTARY SCHOOL

Project name:

PASADENA USD

Site Address:

2101 E WASHINGTON BLVD
PASADENA, CA 91104

Revision:

A02

Date:

5/15/2019

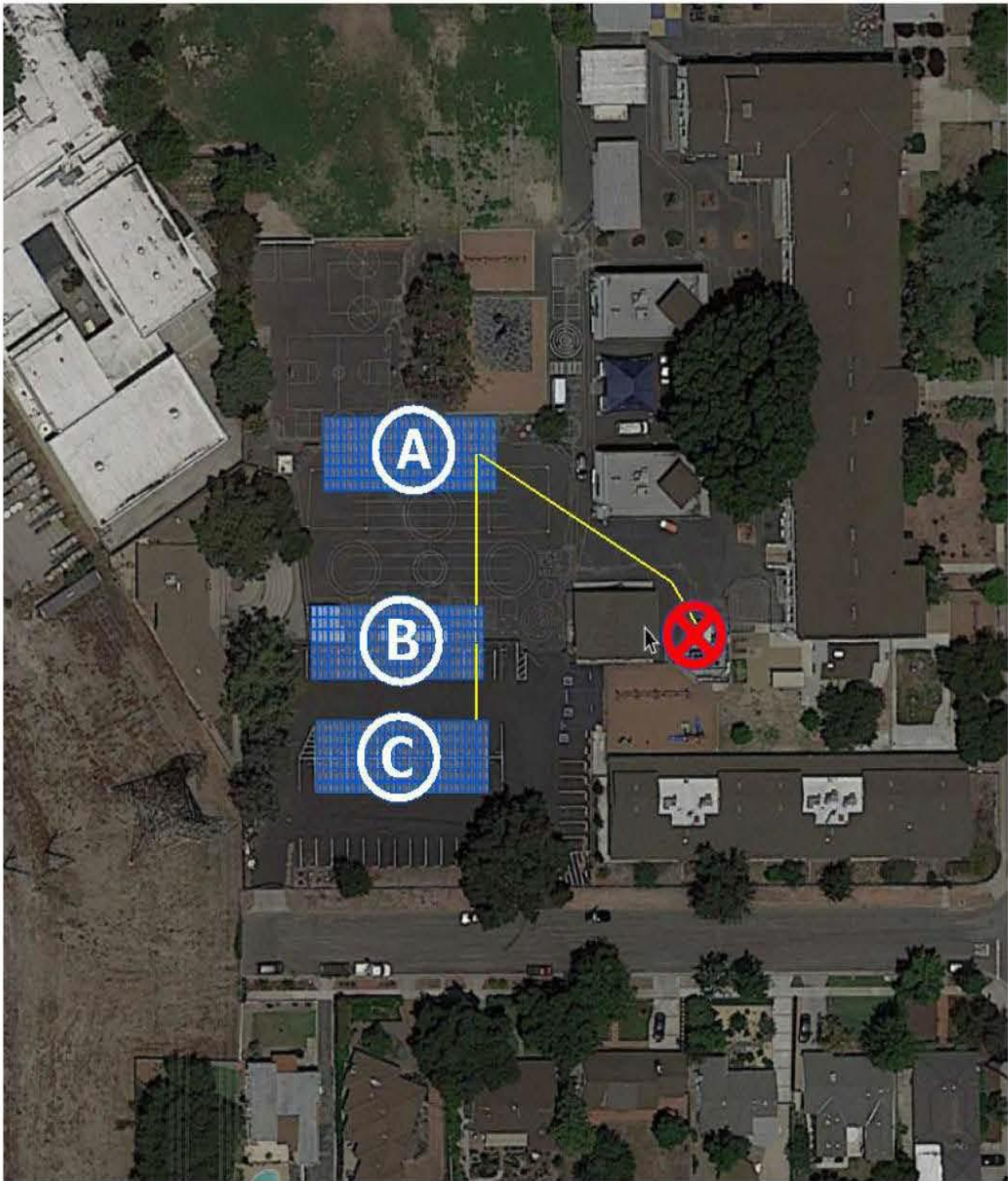
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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	180	72.000	180°	7°
B	Carport	6	180	72.000	180°	7°
C	Carport	6	180	72.000	180°	7°
			540	216.000		

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Willard ES	Y417SL25	540	216.000	A,B,C

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 334 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



Site Name:

WILLARD ELEMENTARY SCHOOL

Project name:

PASADENA USD

Site Address:

301 MADRE ST
PASADENA , CA 91107

Revision:

A02

Date:

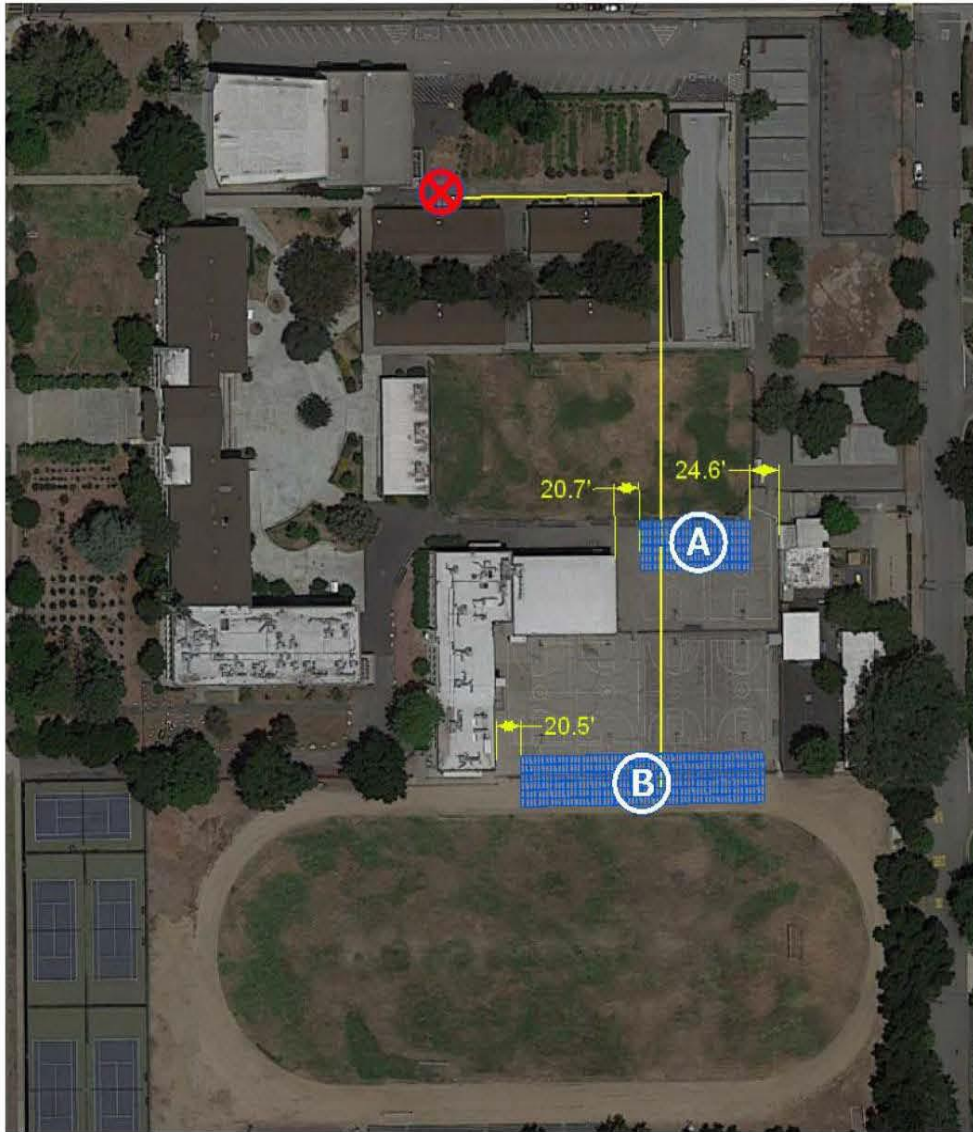
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CONSTRAINED LAYOUT OF PROPOSED SOLAR SYSTEM

TABLE OF SOLAR ARRAYS

Location ID	Racking Type	Modules in Rise	# of Modules	Size DC kW	Azimuth	Tilt
A	Elevated	6	162	64.800	180°	7°
B	Elevated	6	360	144.000	179°	7°
			522	208.800		

TABLE OF UTILITY METERS

Location ID	Meter Name	Meter Number	# of Modules	Size DC kW	Connected to Arrays
	Wilson MS	Y424SL14	522	208.800	A,B

Arrays were designed assuming a crystalline silicon PV module of nominal power = 400W
Total estimated conduit length = 651 ft

NOTES

LEGEND

-  Solar Array
-  Point of Interconnection
-  Proposed Conduit Run
-  Tree to be removed. Final count may vary



Site Name: WILSON MIDDLE SCHOOL	Project name: PASADENA USD	Site Address: 300 MADRE ST PASADENA , CA 91107	Revision: A01 Date: 5/6/2019 Drawn by: SAP	 Partners For Many Generations 7777 CENTER AVENUE, SUITE 200 HUNTINGTON BEACH CA 92647 (714) 408-2982 WWW.PFMGSOLAR.COM CONFIDENTIALITY STATEMENT This drawing is the property of PFMG Solar LLC and is not to be disclosed to others without written consent from PFMG Solar LLC
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