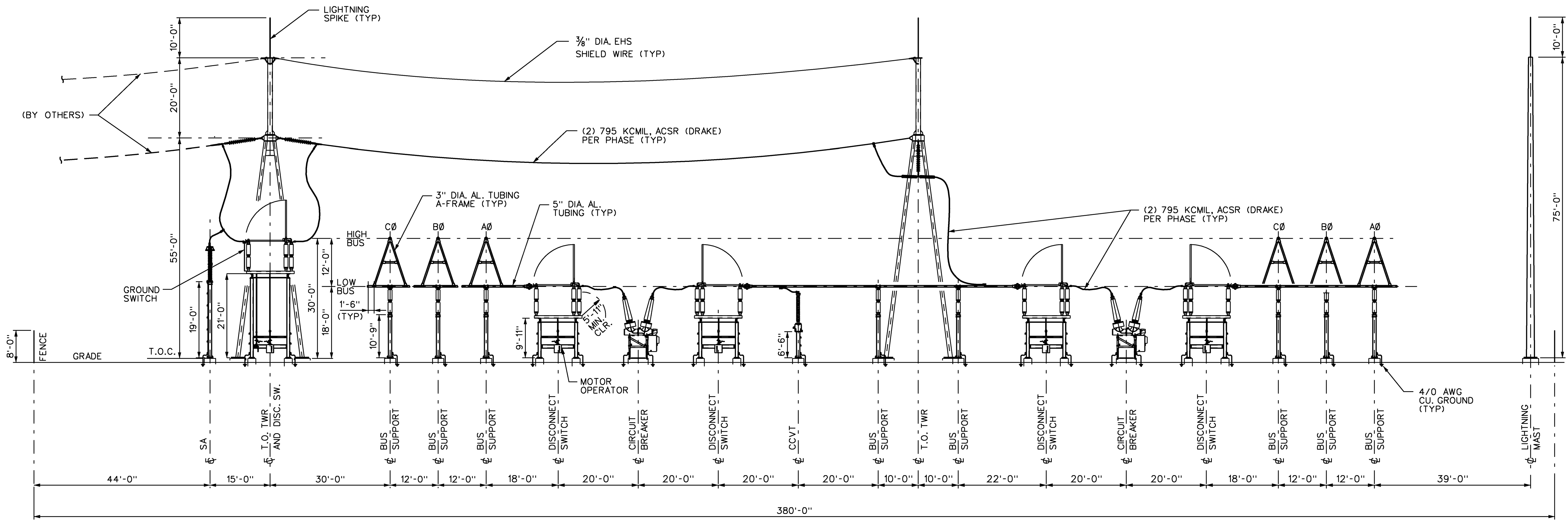
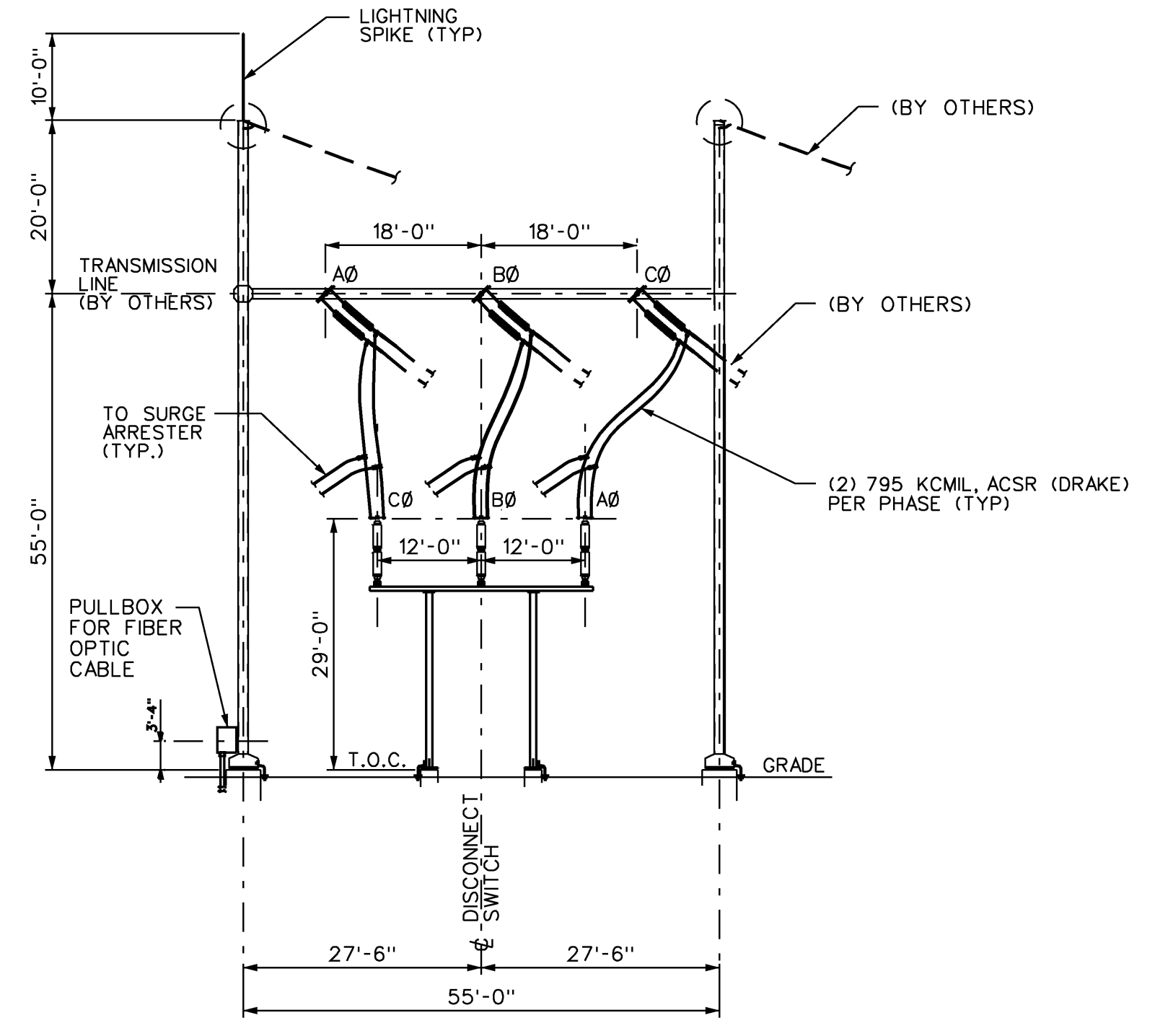


<b>DOCKETED</b>	
<b>Docket Number:</b>	11-AFC-04
<b>Project Title:</b>	Rio Mesa Solar Electric
<b>TN #:</b>	233545-5
<b>Document Title:</b>	Figures, Part 5 Applicant's Supplemental Response to Data Request 16 and 26 Additional Information Regarding Project Description
<b>Description:</b>	Part 5
<b>Filer:</b>	Marichka Haws
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	6/19/2020 2:40:13 PM
<b>Docketed Date:</b>	6/19/2020



SECTION A  
009-EZ-3510-00001



SECTION B  
009-EZ-3510-00001

NOTES:

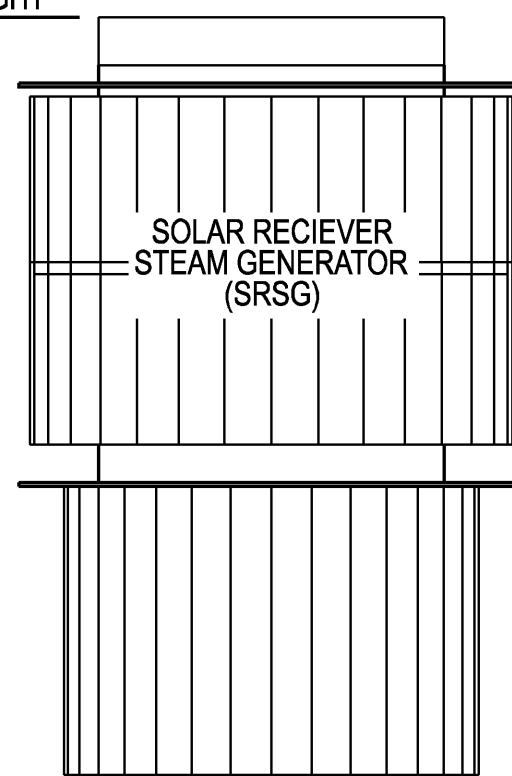
1. INSTALL 795 KCMIL, 26/7 STRAND ACSR (DRAKE). DAMPING CABLE LOOSELY IN ALL HORIZONTAL 5" DIAMETER BUS RUNS OVER 21'-3" LONG FOR THE FULL LENGTH OF TUBE.
2. DRILL 1/4" DIAMETER WEEP HOLE IN BOTTOM OF ALL HORIZONTAL TUBULAR BUS SPANS AT MAXIMUM POINT OF DEFLECTION. REMOVE ALL BURRS.
3. FOR ADDITIONAL REFERENCE DRAWINGS SEE DRAWING 009-EZ-3510-00001.

REFERENCE DRAWING:

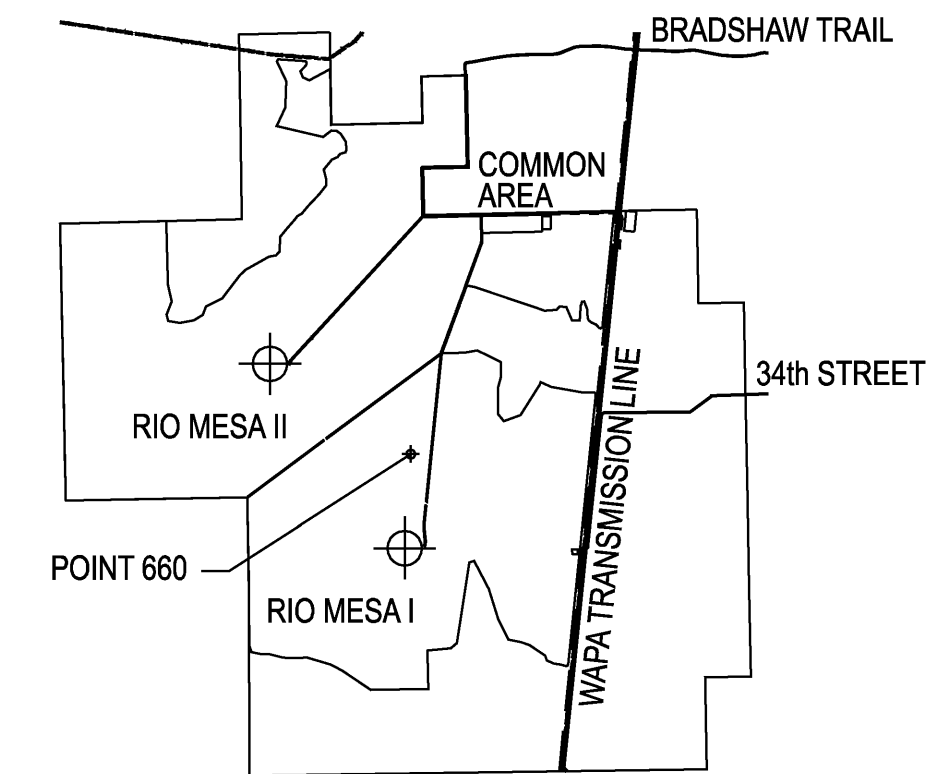
25755-009-EZ-3510-00001 COMMON AREA SWITCHYARD GENERAL ARRANGEMENT

CBO/AHJ APPROVAL			
<p>Figure DA 2-11 (rev)</p>		<p>ISSUED FOR AFC AND SUPERSEDES 25670-009-EZ-3590-00001</p>	
<p>PE STAMP</p>		<p>SCALE: 1/4" = 1'-0" DRAWN: DATE:</p>	
<p><b>BECHTEL POWER CORP.</b> FREDERICK, MARYLAND <i>Dedicated to Zero Accident Safety and Quality Excellence</i></p>			
<p>Confidential. © 2012 Bechtel Power Corporation. All rights reserved. <small>This document is prepared by Bechtel Power Corporation. It is the property of Bechtel Power Corporation and is not to be distributed, copied, or reproduced without the prior written consent of Bechtel Power Corporation. It is to be used only for the project and for the use intended by the user.</small></p>			
<p><b>RIO MESA</b> <b>SOLAR ELECTRIC GENERATING FACILITY</b> <b>COMMON AREA SWITCHYARD</b> <b>SECTIONS AND DETAILS</b></p>			
JOB NO.		DRAWING NO.	
25755		009-EZ-3590-00001	
REV.		A	

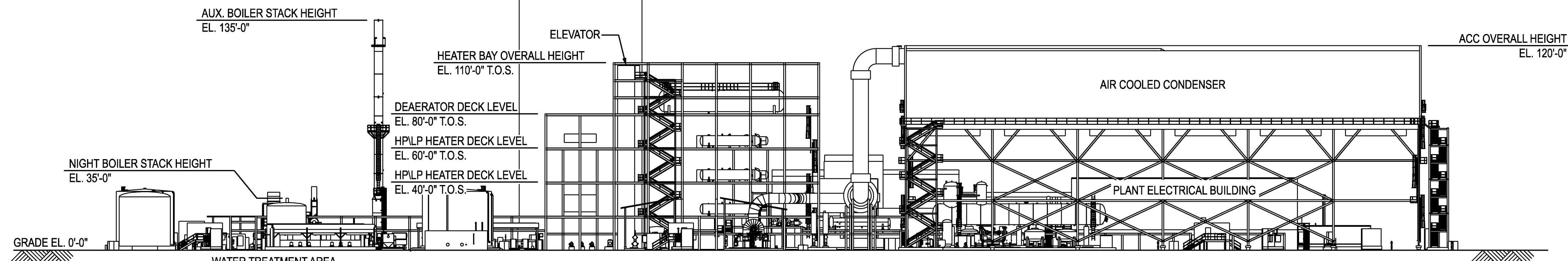
SRSG TOWER OVERALL HEIGHT  
EL. 750'-0"



SOLAR RECEIVER  
STEAM GENERATOR  
(SRSG)



KEY PLAN



ELEVATION VIEW LOOKING NORTH

ACC OVERALL HEIGHT  
EL. 120'-0"

AUX. BOILER STACK HEIGHT  
EL. 135'-0"

HEATER BAY OVERALL HEIGHT  
EL. 110'-0" T.O.S.

DEAERATOR DECK LEVEL  
EL. 80'-0" T.O.S.

HP/LP HEATER DECK LEVEL  
EL. 60'-0" T.O.S.

HP/LP HEATER DECK LEVEL  
EL. 40'-0" T.O.S.

NIGHT BOILER STACK HEIGHT  
EL. 35'-0"

GRADE EL. 0'-0"

WATER TREATMENT AREA

AIR COOLED CONDENSER

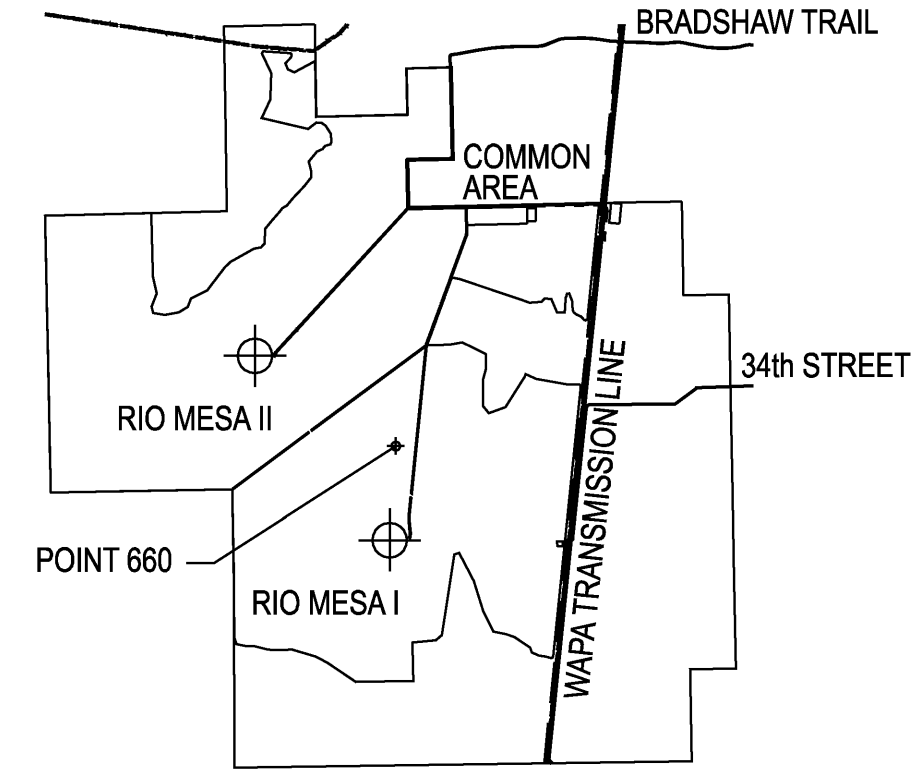
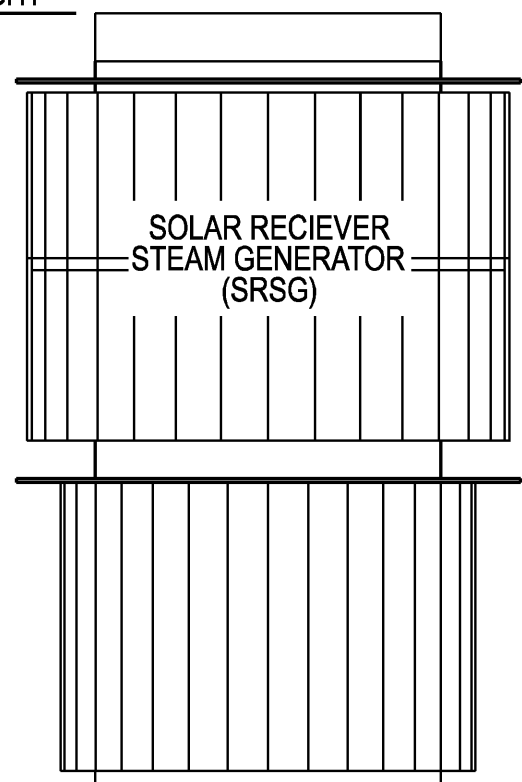
PLANT ELECTRICAL BUILDING



CBO/AHJ APPROVAL	△																				
	△																				
PE STAMP	△																				
	△																				
18JUL12 ISSUED FOR INFORMATION		AKS	RPT	RPT																	TWA
NO.	DATE	REVISIONS	BY	CHK	EGS																PE
SCALE: 1"=40'		DRAWN: AKS	DATE: 13JUL12																		
<b>BECHTEL POWER CORP.</b>																					
FREDERICK, MARYLAND																					
<i>Dedicated to Zero Accident Safety and Quality Excellence</i>																					
<small>Confidential. © 2012 Bechtel Power Corporation. All rights reserved. This document is prepared by Bechtel Power Corporation. It is intended for use by the owner, consultant, contractor, and regulatory agencies. It is not to be distributed, copied, or used for any other purpose without the prior written consent of Bechtel Power Corporation.</small>																					
<b>RIO MESA</b>																					
<b>SOLAR ELECTRIC GENERATING FACILITY</b>																					
POWER BLOCK ELEVATION VIEW LOOKING NORTH																					
JOB NO.		DRAWING NO.		REV.																	
25755		000-PIK-0090-00001		A																	

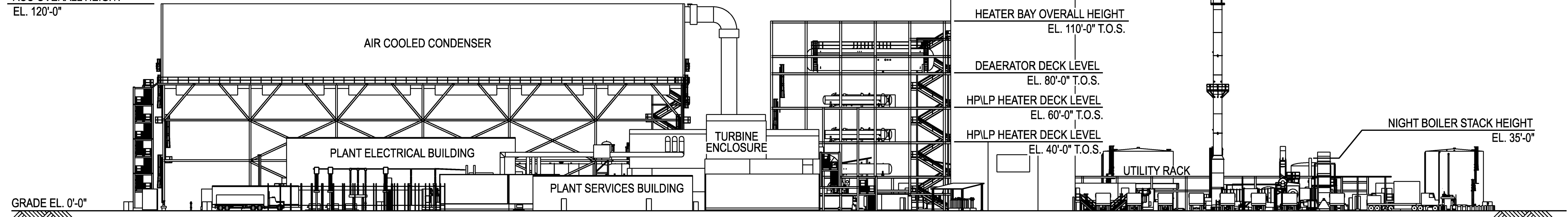
Figure DA 2-13 (rev)

SRS G TOWER OVERALL HEIGHT  
EL. 750'-0"



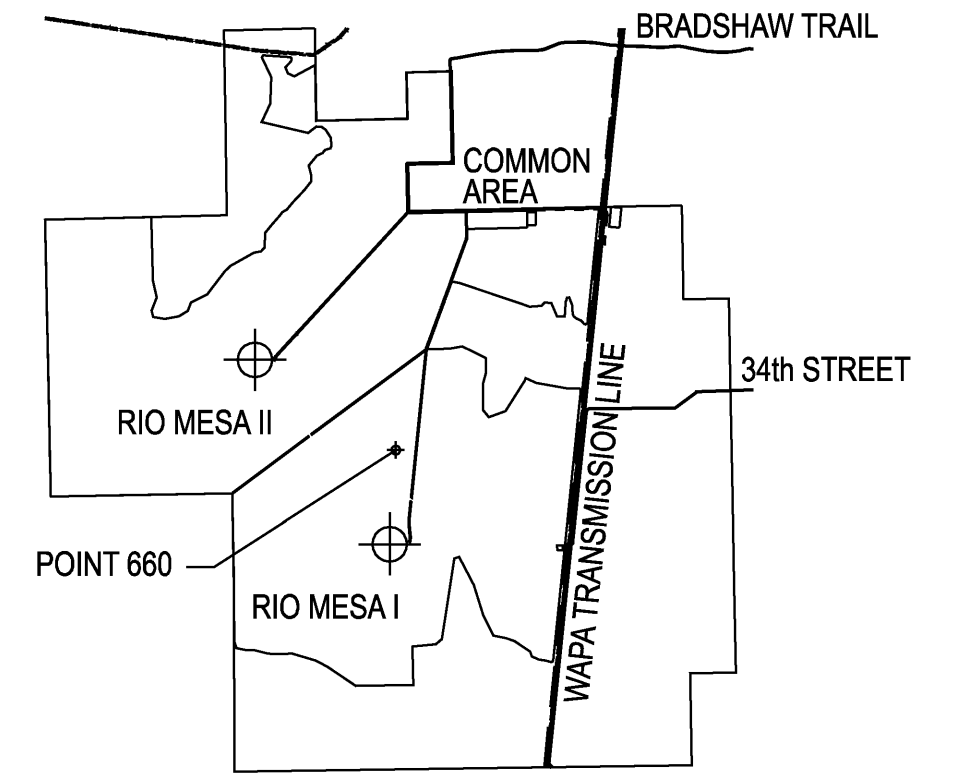
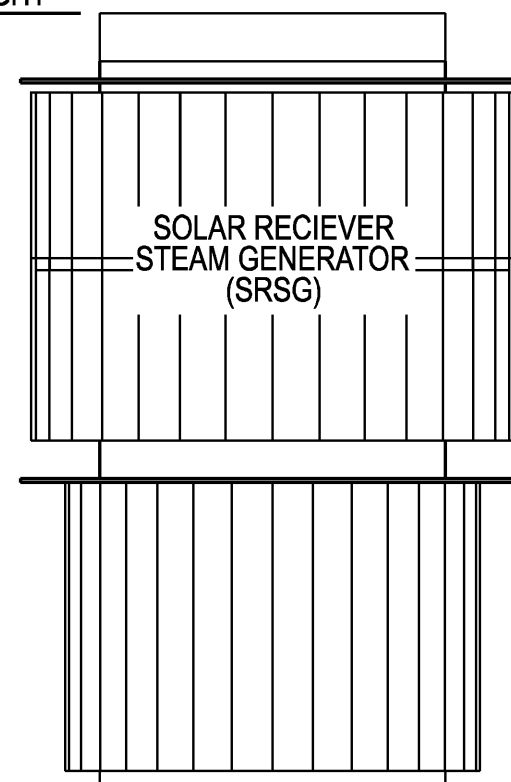
KEY PLAN

ACC OVERALL HEIGHT  
EL. 120'-0"

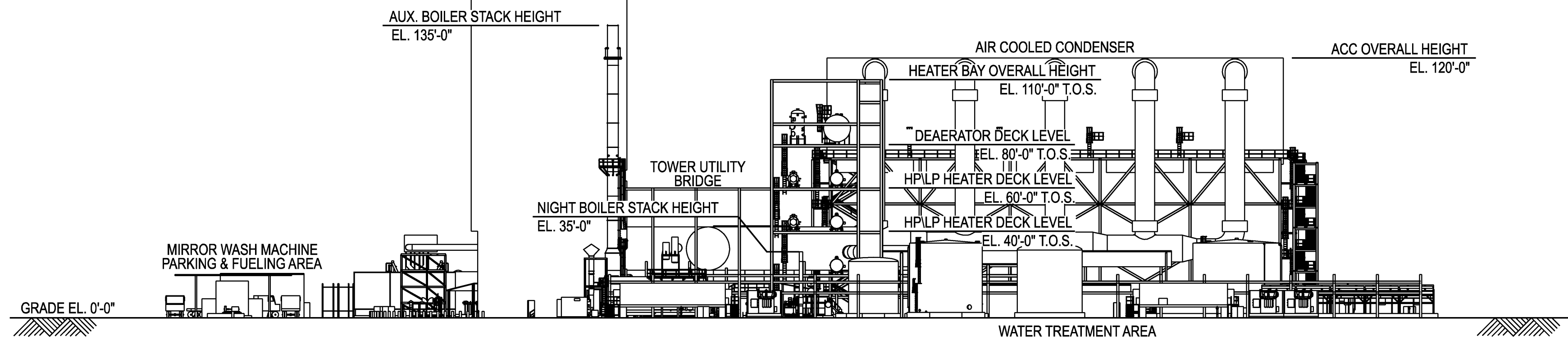


CBO/AHJ APPROVAL	18JUL12	ISSUED FOR INFORMATION	AKS	RPT	RPT	TWA
	NO.	DATE	REVISIONS	BY	CHK	EGS
Figure DA 2-14 (rev)	SCALE: 1"=40' DRAWN: AKS DATE: 13JUL12					
	<p><b>BECHTEL POWER CORP.</b> FREDERICK, MARYLAND <i>Dedicated to Zero Accident Safety and Quality Excellence</i></p> <p><small>Confidential. © 2012 Bechtel Power Corporation. All rights reserved. This document is prepared by Bechtel Power Corporation. It is intended for use by the Owner, its authorized representatives, and regulatory agencies. It is not to be distributed, copied, or used for any other purpose without the written consent of Bechtel Power Corporation.</small></p> <p><b>RIO MESA SOLAR ELECTRIC GENERATING FACILITY</b></p> <p><b>POWER BLOCK ELEVATION VIEW LOOKING SOUTH</b></p>					
PE STAMP	JOB NO.	DRAWING NO.	REV.			
	25755	000-PIK-0090-00002	A			

SRSR TOWER OVERALL HEIGHT  
EL. 750'-0"



KEY PLAN



ELEVATION VIEW LOOKING EAST

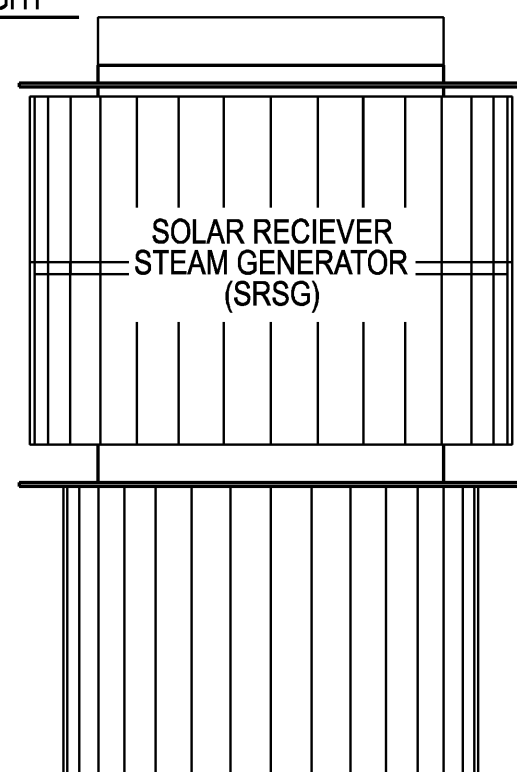


CBO/AHJ APPROVAL	△								
	△								
PE STAMP	△								
	△								
18JUL12 ISSUED FOR INFORMATION		AKS	RPT	RPT				TWA	
NO.	DATE	REVISIONS	BY	CHK	EGS				PE
SCALE: 1"=40'		DRAWN: AKS	DATE: 13JUL12						
<b>BECHTEL POWER CORP.</b> FREDERICK, MARYLAND <i>Dedicated to Zero Accident Safety and Quality Excellence</i>									
<small>Confidential. © 2012 Bechtel Power Corporation. All rights reserved. This document is prepared by Bechtel Power Corporation. It is intended for use by the Owner, its authorized representatives, and regulatory agencies. It is not to be distributed, copied, or used for any other purpose without the prior written consent of Bechtel Power Corporation.</small>									
<b>RIO MESA</b> <b>SOLAR ELECTRIC GENERATING FACILITY</b>									
<b>POWER BLOCK</b> <b>ELEVATION VIEW LOOKING EAST</b>									
JOB NO.	DRAWING NO.	REV.							
25755	000-PIK-0090-00003	A							

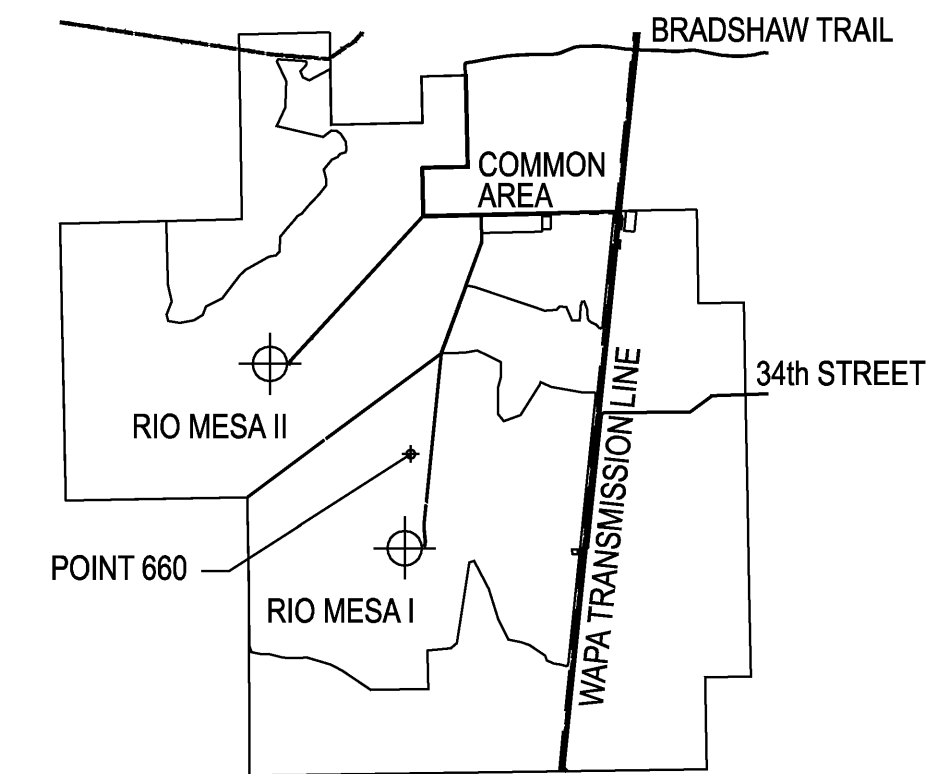
Figure DA 2-15 (rev)



SRSg TOWER OVERALL HEIGHT  
EL. 750'-0"

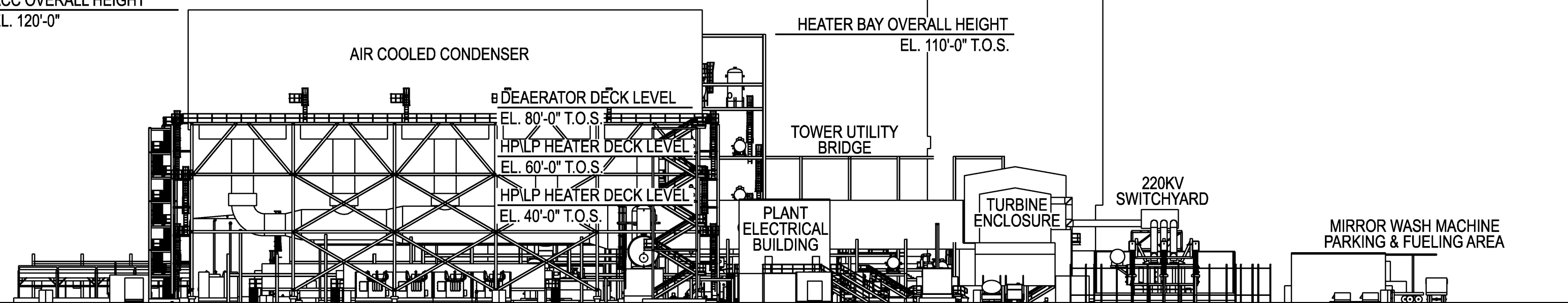


SOLAR RECIEVER  
STEAM GENERATOR  
(SRSg)



KEY PLAN

ACC OVERALL HEIGHT  
EL. 120'-0"



HEATER BAY OVERALL HEIGHT  
EL. 110'-0" T.O.S.

AIR COOLED CONDENSER

DEAERATOR DECK LEVEL  
EL. 80'-0" T.O.S.  
HP/LP HEATER DECK LEVEL  
EL. 60'-0" T.O.S.  
HP/LP HEATER DECK LEVEL  
EL. 40'-0" T.O.S.

TOWER UTILITY  
BRIDGE

PLANT  
ELECTRICAL  
BUILDING

TURBINE  
ENCLOSURE

220KV  
SWITCHYARD

MIRROR WASH MACHINE  
PARKING & FUELING AREA

GRADE EL. 0'-0"

ELEVATION VIEW LOOKING WEST



CBO/AHJ APPROVAL

Figure DA 2-16 (rev)

PE STAMP

△									
△									
△									
△									
△	18JUL12	ISSUED FOR INFORMATION	AKS	RPT	RPT				TWA
NO.	DATE	REVISIONS	BY	CHK	EGS				PE
SCALE: 1"=40'			DRAWN: AKS	DATE: 13JUL12					

**BECHTEL POWER CORP.**  
FREDERICK, MARYLAND

*Dedicated to Zero Accident Safety and Quality Excellence*

Confidential. © 2012 Bechtel Power Corporation. All rights reserved.  
This document is prepared by Bechtel Power Corporation. It is intended for use by the owner, contractor, and regulatory agencies. It is not to be distributed outside the project site without the written approval of Bechtel Power Corporation.

**RIO MESA  
SOLAR ELECTRIC GENERATING FACILITY**

**POWER BLOCK  
ELEVATION VIEW LOOKING WEST**

	JOB NO.	DRAWING NO.	REV.
	25755	000-PIK-0090-00004	A