

Construction of

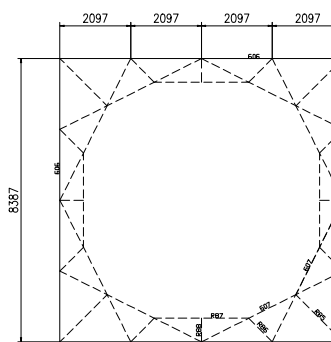
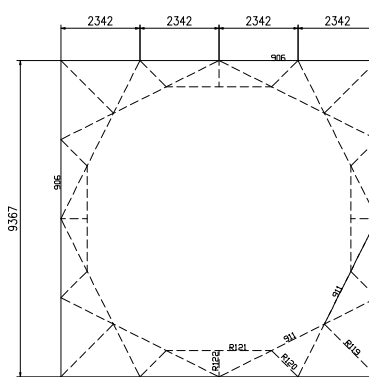
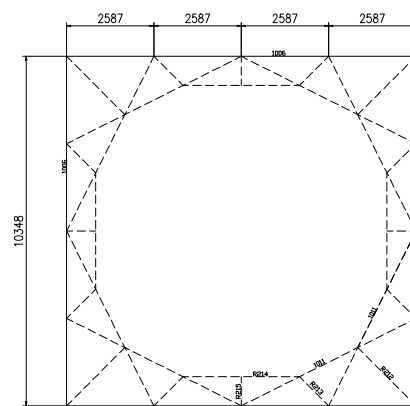
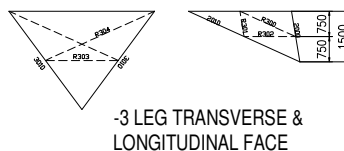
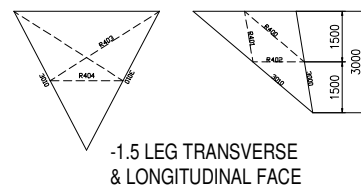
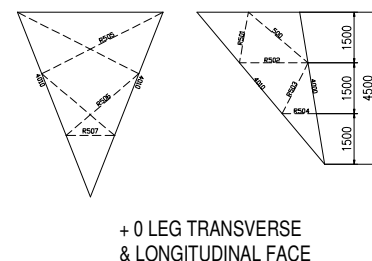
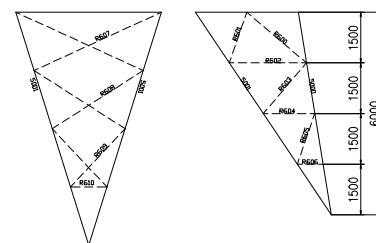
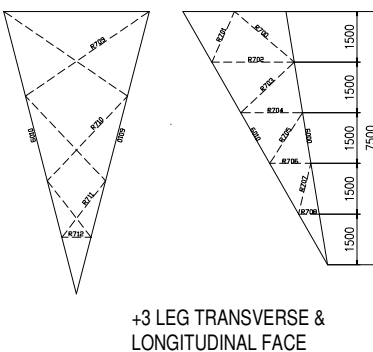
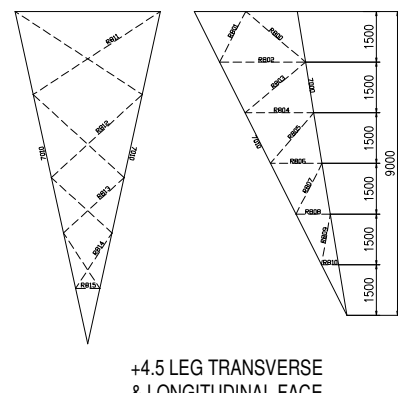
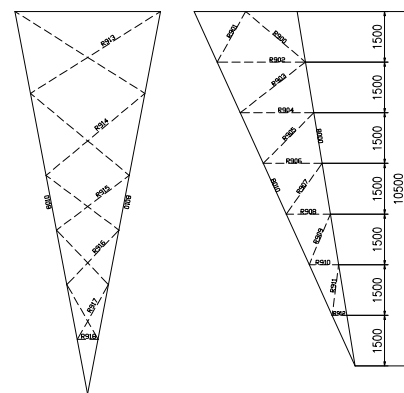
220 kV Loop in Loop out Paliastomi- into Ozurgeti Substation and

110 kV Double Circuit (D/C) Overhead Line from Ozurgeti Substation to Zoti HPP

Detailed Outline Drawing and Clearance Diagram

“12A – LC “

02	05.09.2022	Constructive member is added in EW	I.Ozdemir	S.Sahin	S.Nazlı
01	03.08.2022	As per comments	I.Ozdemir	S.Sahin	S.Nazlı
00	20.05.2022	Issued for Approval	I.Ozdemir	S.Sahin	S.Nazlı
Rev. No.	Date	Description	Prepared by	Checked by	Approved by
Employer Logo and Business Name  GEORGIAN STATE ELECTROSYSTEM 2 Baratashvili Street Tbilisi 0105 Georgia			Project Name Open Programme Extension of the Transmission Network II BMZ No. 2015 68 286		
Engineer logo and business name  Fichtner GmbH & Co. KG Sarweystrasse 3 70191 Stuttgart / Germany			Contract Identification Number KfW/DSI/OHL-TD-Lot 2		
Contractor logo and business name  MITAS Energy & Metal Construction Inc. Eski Güvercinlik Yolu No: 113 Gazi 06560 Ankara / Turkey			Document Number 7145A07-EG-TWR-DWG-0424_02		
Document Title Detailed Outline Drawing and Clearance Diagram of 12A-LC			Scale n.a.		Sheet of Sheets Page 1 of 3



Line	Angle	Angle Size	Material	Shots	Group Label	Angle Type	Angle Size	Material	Shots	Group Label	Angle Type	Angle Size	Material	Shots	Group Label	Angle Type	Angle Size	Material	Shots	Group Label	Angle Type	Angle Size	Material	Shots
1	SAE	100/1029	S355	2 M 146.818	76	SAE	50/50/5	S355	2 M 146.818	61	SAE	50/50/5	S355	2 M 146.818	R04	SAE	50/50/5	S355	2 M 146.818	R24	SAE	50/50/5	S355	2 M 146.818
2	SAE	100/1026	S355	2 M 146.818	80	SAE	45/45/5	S355	2 M 146.818	61	SAE	50/50/5	S355	2 M 146.818	R04	SAE	50/50/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
3	SAE	100/1026	S355	2 M 146.818	80	SAE	45/45/5	S355	2 M 146.818	61	SAE	50/50/5	S355	2 M 146.818	R04	SAE	50/50/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
4	SAE	100/1026	S355	2 M 146.818	80	SAE	45/45/5	S355	2 M 146.818	61	SAE	50/50/5	S355	2 M 146.818	R04	SAE	50/50/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
5	SAE	100/1029	S355	2 M 146.818	82	SAE	45/45/5	S355	2 M 146.818	61	SAE	50/50/5	S355	2 M 146.818	R04	SAE	50/50/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
6	SAE	110/1110	S355	2 M 146.818	80A	SAE	45/45/5	S355	2 M 146.818	60A	SAE	50/50/5	S355	2 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
7	SAE	100/1026	S355	2 M 146.818	82A	SAE	45/45/5	S355	2 M 146.818	61	SAE	50/50/5	S355	2 M 146.818	R04	SAE	50/50/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
8	SAE	147/1412	S355	2 M 146.818	83	SAE	50/50/5	S355	2 M 146.818	R2	SAE	50/50/5	S355	2 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	50/50/5	S355	2 M 146.818
9	SAE	100/1026	S355	2 M 146.818	83	SAE	50/50/5	S355	2 M 146.818	R2	SAE	50/50/5	S355	2 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	50/50/5	S355	2 M 146.818
10	SAE	100/1026	S355	2 M 146.818	83	SAE	50/50/5	S355	2 M 146.818	R2	SAE	50/50/5	S355	2 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	50/50/5	S355	2 M 146.818
11	SAE	147/1412	S355	2 M 146.818	84	SAE	45/45/5	S355	2 M 146.818	R4	SAE	45/45/5	S355	2 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
12	SAE	180/1816	S355	10 M 200.807	85	SAE	70/70/5	S355	2 M 146.818	R6	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
13	SAE	180/1816	S355	10 M 200.807	85	SAE	70/70/5	S355	2 M 146.818	R6	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
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15	SAE	180/1816	S355	10 M 200.807	88	SAE	60/60/5	S355	2 M 146.818	R8	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
16	SAE	180/1816	S355	10 M 200.807	89	SAE	60/60/5	S355	2 M 146.818	R9	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
17	SAE	180/1816	S355	10 M 200.807	88A	SAE	60/60/5	S355	2 M 146.818	R10	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
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19	SAE	180/1816	S355	10 M 200.807	90	SAE	60/60/5	S355	2 M 146.818	R12	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
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20C	SAE	50/50/5	S355	2 M 146.818	92	SAE	70/70/5	S355	2 M 146.818	R16	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
20D	SAE	45/45/5	S355	2 M 146.818	93A	SAE	60/60/5	S355	3 M 146.818	R17	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
21A	SAE	45/45/5	S355	2 M 146.818	94	SAE	50/50/5	S355	2 M 146.818	R18	SAE	50/50/5	S355	2 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
21B	SAE	50/50/5	S355	2 M 146.818	94	SAE	50/50/5	S355	2 M 146.818	R20	SAE	45/45/5	S355	2 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
22	SAE	45/45/5	S355	2 M 146.818	95	SAE	70/70/5	S355	3 M 146.818	R19	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
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24	SAE	45/45/5	S355	2 M 146.818	96A	SAE	70/70/5	S355	3 M 146.818	R21	SAE	50/50/5	S355	2 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
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26	SAE	45/45/5	S355	2 M 146.818	97	SAE	70/70/5	S355	3 M 146.818	R25	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
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32	SAE	45/45/5	S355	2 M 146.818	100A	SAE	70/70/5	S355	3 M 146.818	R31	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
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34	SAE	45/45/5	S355	2 M 146.818	101A	SAE	60/60/5	S355	4 M 146.818	R33	SAE	50/50/5	S355	2 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
35	SAE	45/45/5	S355	2 M 146.818	102	SAE	50/50/5	S355	2 M 146.818	R34	SAE	50/50/5	S355	2 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
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37	SAE	45/45/5	S355	2 M 146.818	104	SAE	60/60/5	S355	4 M 146.818	R36	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
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39	SAE	45/45/5	S355	2 M 146.818	106	SAE	100/100/5	S355	3 M 146.818	R38	SAE	50/50/5	S355	2 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
40	SAE	45/45/5	S355	2 M 146.818	107	SAE	100/100/5	S355	3 M 146.818	R39	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
41	SAE	45/45/5	S355	2 M 146.818	108	SAE	100/100/5	S355	3 M 146.818	R40	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24	SAE	45/45/5	S355	2 M 146.818
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44	SAE	45/45/5	S355	2 M 146.818	111	SAE	100/100/5	S355	3 M 146.818	R43	SAE	45/45/5	S355	1 M 146.818	R04	SAE	45/45/5	S355	2 M 146.818	R24				

02	Constructive member is added in EW						05.09.22	I.OZDEMIR	
A3	per comments						03.08.22	I.OZDEMIR	
00	First Submission						20.05.22	OZDEMIR	
REV	DESCRIPTION :						DATE	BY	
PROJECT NAME :									
Open Programme Extension of the Transmission Subway II BMZ No. 2015 68 286 Contract Identification No. KIW/DSI/OHL-TD Lot 2									
EMPLOYER :  SSC Georgian State Electrosystem (GSE) Baratashvili Street , Tbilisi , Georgia , 0105 info@gse.com.ge									
ENGINEER : Fichtner GmbH & Co. KG Sauerstrasse 370191 Stuttgart / Germany www.fichtner.de									
FICHTNER									
CONTRACTOR :  MITAS ENERGY Mitas Energy and Metal Constuction Inc. Eski Güvercinlik Yolu No: 113 - Gazi Ankara / Turkey info@mitastower.com									
APPROVAL AREA : A				STATUS :		STAMP :			
REVIEWED BY :				AP		☐			
DATE OF REVIEW :				NA		☐			
APPROVED BY :				S.SAHIN		TITLE :			
CHECKED BY :				S. SAHIN		DETAILED OUTLINE DRAWING OF TOWER TYPE 12A-LC			
DESIGNED BY :				I.OZDEMIR					
DRAWN BY :				I.OZDEMIR					
DATE OF ISSUE :				20.05.2022					
SCALE:		DOC NO.:					REV.:	PAGE	
A3		714540-EG-TWR-DWG-0424_02					02	3 of 4	