



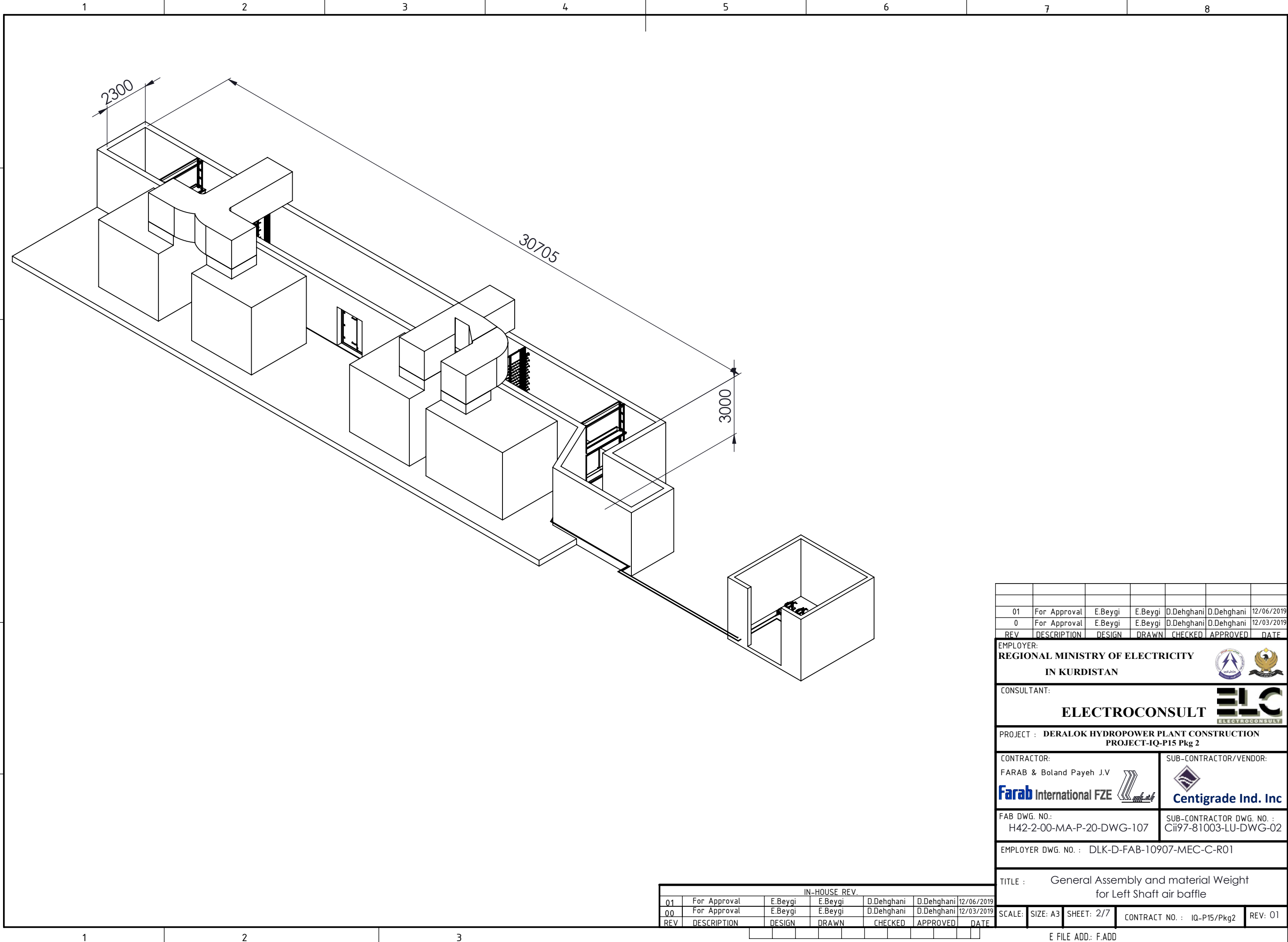







PART LIST FOR "ONE UNIT"						
Item NO.	Part name	Description	Material	Weight	QTY.	T.Weight
1	Assem-masonry1				1	0
2	Right shaft-nozzle bank				1	0
3	Left shaft-Nozzle bank				1	0
4	Left shaft- pump unit				1	0
5	Left shaft -Access door				1	0
6	Control panel				1	0
7	Right shaft -Access door				1	0
8	fog nozzle room				1	0
9	Right shaft- Pump unit				1	0
10	Left shaft- Air baffle (Louver)				1	0
11	Right shaft- Mist eliminator				1	0
12	Main inspection door				1	0
13	Right shaft- Air baffle(Louver)				1	0
14	Left shaft- Mist eliminator				1	0
15	Right shaft-Piping (out of scope)	3/8" sch.40	AISI 316		1	0
16	Left shaft-Piping(out of scope)	3/8" sch.40	AISI 316		1	0

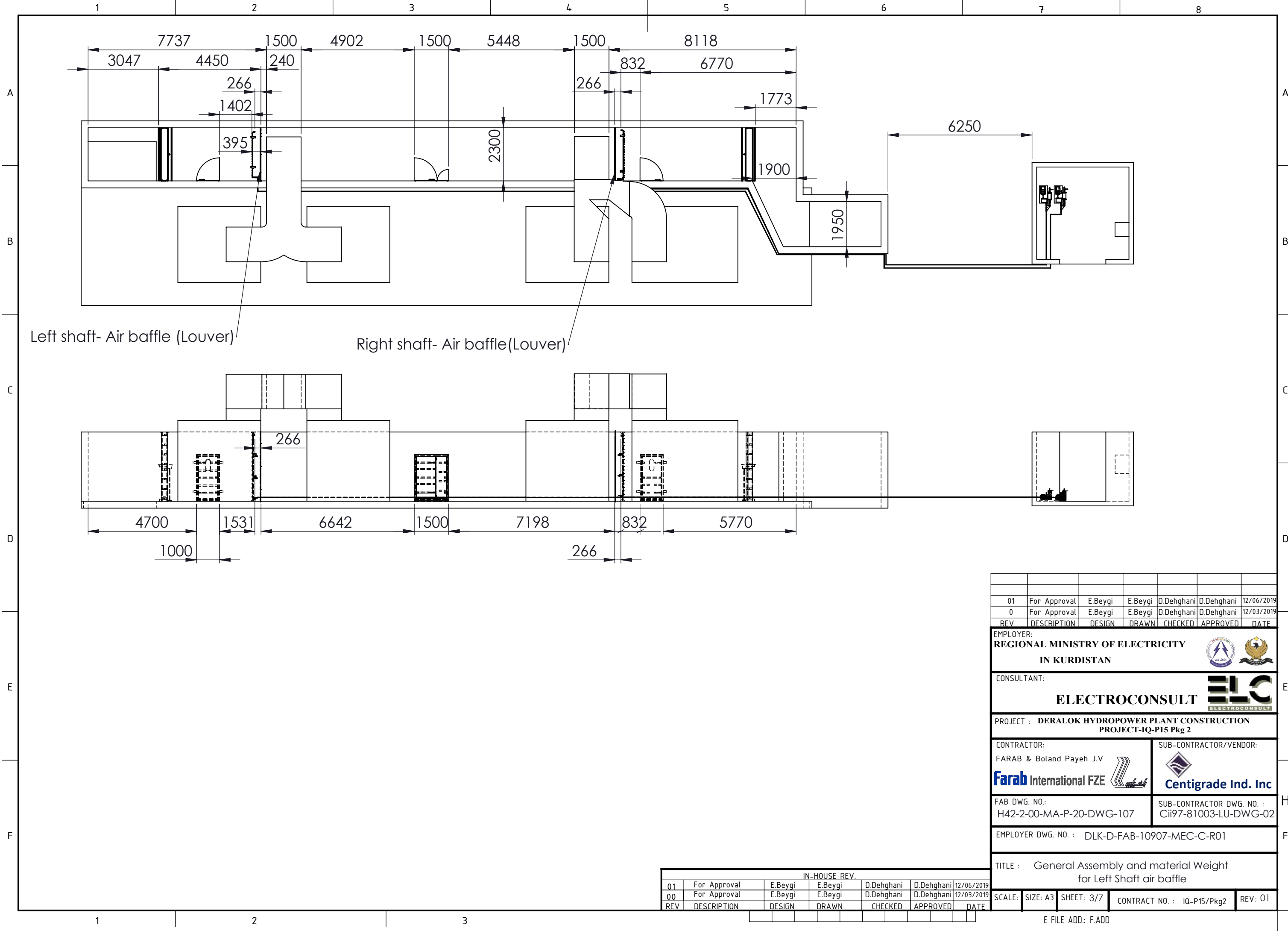
IN-HOUSE REV.						
01	For Approval	E.Beygi	E.Beygi	D.Dezhgani	D.Dezhgani	12/06/2019
00	For Approval	E.Beygi	E.Beygi	D.Dezhgani	D.Dezhgani	12/03/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE

01	For Approval	E.Beygi	E.Beygi	D.Dezhgani	D.Dezhgani	12/06/2019
0	For Approval	E.Beygi	E.Beygi	D.Dezhgani	D.Dezhgani	12/03/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE
EMPLOYER: REGIONAL MINISTRY OF ELECTRICITY IN KURDISTAN						
				 		
CONSULTANT: ELECTROCONSULT						
						
PROJECT : DERALOK HYDROPOWER PLANT CONSTRUCTION PROJECT-IQ-P15 Pkg 2						
CONTRACTOR: FARAB & Boland Payeh J.V Farab International FZE				SUB-CONTRACTOR/VENDOR:  Centigrade Ind. Inc		
FAB DWG. NO.: H42-2-00-MA-P-20-DWG-107				SUB-CONTRACTOR DWG. NO. : Cii97-81003-LU-DWG-02		
EMPLOYER DWG. NO. : DLK-D-FAB-10907-MEC-C-R01						
TITLE : General Assembly and material Weight for Left Shaft air baffle						
SCALE:	SIZE: A3	SHEET: 1/7	CONTRACT NO. : IQ-P15/Pkg2			REV: 01



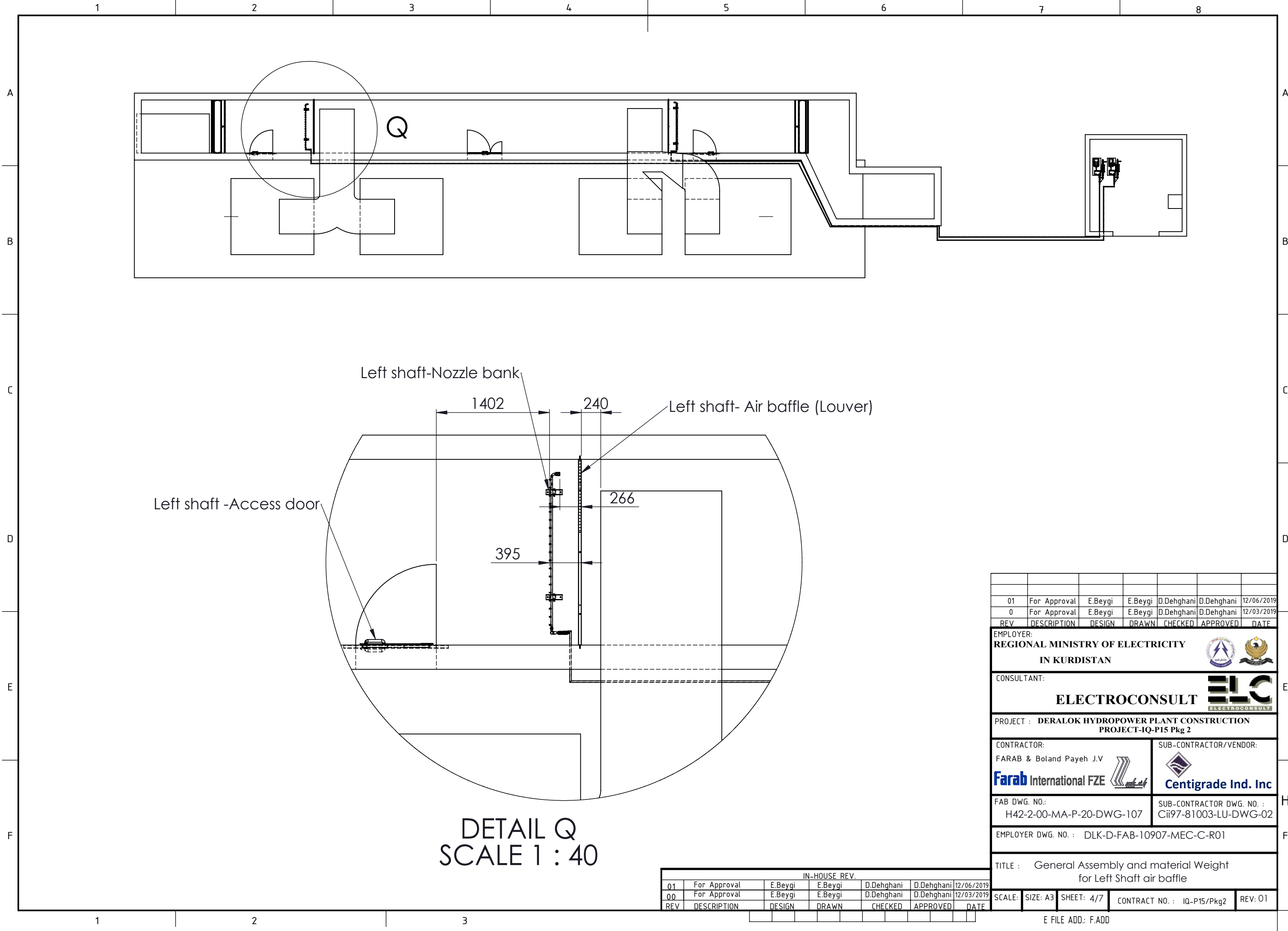
01	For Approval	E.Beygi	E.Beygi	D.Dehghani	D.Dehghani	12/06/2019
0	For Approval	E.Beygi	E.Beygi	D.Dehghani	D.Dehghani	12/03/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE
EMPLOYER: REGIONAL MINISTRY OF ELECTRICITY IN KURDISTAN						
CONSULTANT: ELECTROCONSULT				  		
PROJECT : DERALOK HYDROPOWER PLANT CONSTRUCTION PROJECT-IQ-P15 Pkg 2						
CONTRACTOR: FARAB & Boland Payeh J.V 				SUB-CONTRACTOR/VENDOR:  Centigrade Ind. Inc		
FAB DWG. NO.: H42-2-00-MA-P-20-DWG-107				SUB-CONTRACTOR DWG. NO. : Cii97-81003-LU-DWG-02		
EMPLOYER DWG. NO. : DLK-D-FAB-10907-MEC-C-R01						
TITLE : General Assembly and material Weight for Left Shaft air baffle						
SCALE:	SIZE: A3	SHEET: 2/7	CONTRACT NO. : IQ-P15/Pkg2			REV: 01

IN-HOUSE REV.						
01	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/06/2019
00	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/03/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE




01	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/06/2019
0	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/03/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE
EMPLOYER:						
REGIONAL MINISTRY OF ELECTRICITY						
IN KURDISTAN						
CONSULTANT:						
ELECTROCONSULT						
PROJECT : DERALOK HYDROPOWER PLANT CONSTRUCTION						
PROJECT-IQ-P15 Pkg 2						
CONTRACTOR:						
FARAB & Boland Payeh J.V						
SUB-CONTRACTOR/VENDOR:						
Farab International FZE						
Centigrade Ind. Inc						
FAB DWG. NO.:						
H42-2-00-MA-P-20-DWG-107						
SUB-CONTRACTOR DWG. NO. :						
Cii97-81003-LU-DWG-02						
EMPLOYER DWG. NO. :						
DLK-D-FAB-10907-MEC-C-R01						
TITLE :						
General Assembly and material Weight						
for Left Shaft air baffle						
SCALE:	SIZE: A3	SHEET: 3/7	CONTRACT NO. : IQ-P15/Pkg2		REV: 01	

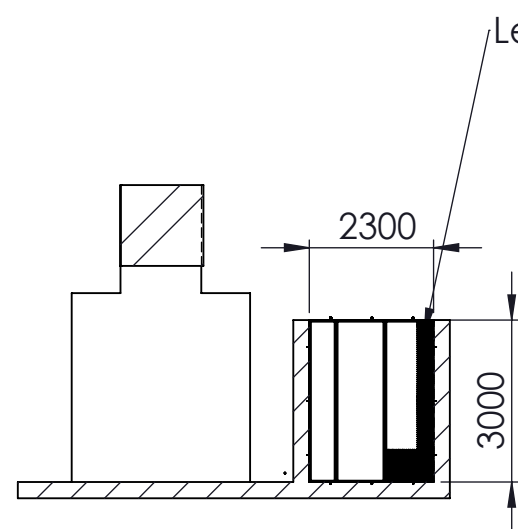
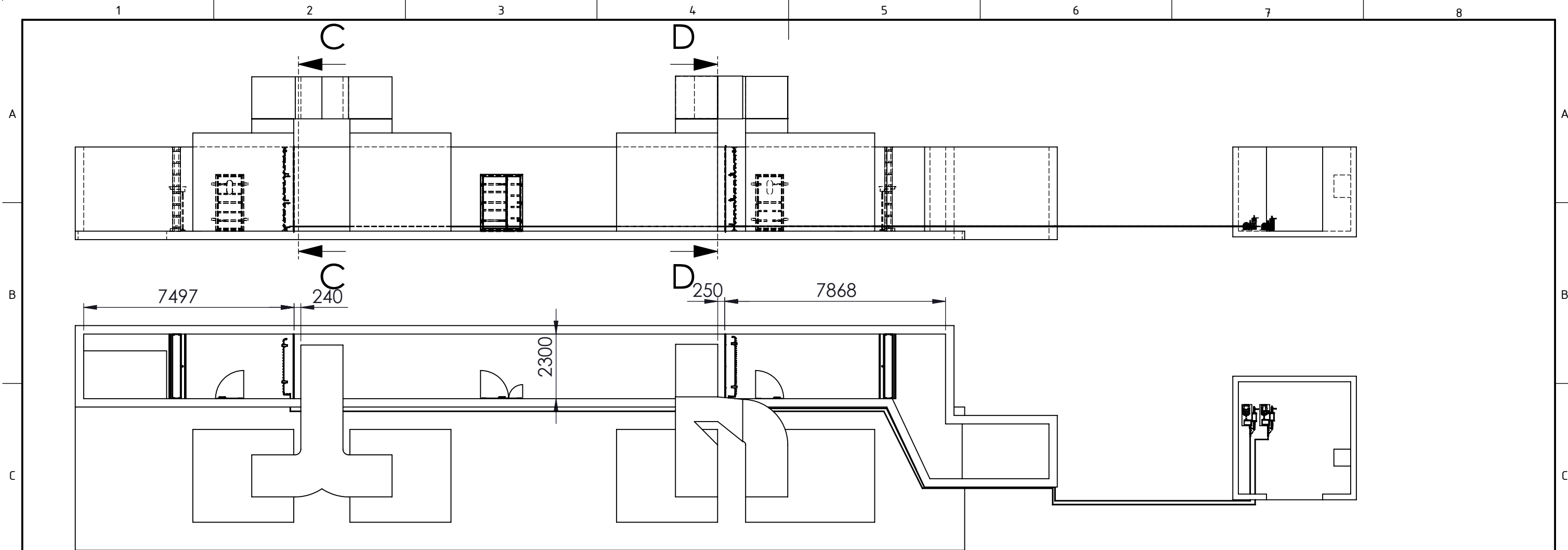
IN-HOUSE REV.						
01	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/06/2019
00	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/03/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE



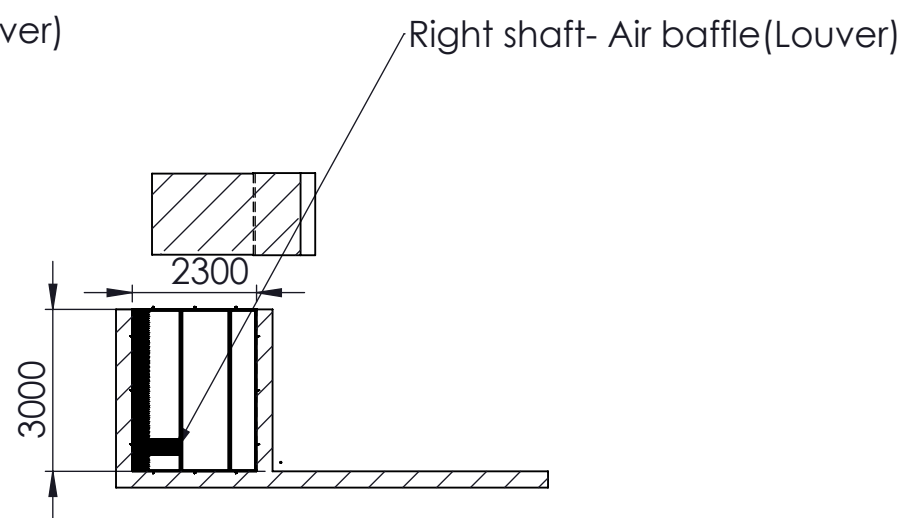
DETAIL Q
SCALE 1 : 40

01	For Approval	E.Beygi	E.Beygi	D.Dehghani	D.Dehghani	12/06/2019
0	For Approval	E.Beygi	E.Beygi	D.Dehghani	D.Dehghani	12/03/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE
EMPLOYER: REGIONAL MINISTRY OF ELECTRICITY IN KURDISTAN						
CONSULTANT: ELECTROCONSULT				  		
PROJECT : DERALOK HYDROPOWER PLANT CONSTRUCTION PROJECT-IQ-P15 Pkg 2						
CONTRACTOR: FARAB & Boland Payeh J.V 				SUB-CONTRACTOR/VENDOR:  Centigrade Ind. Inc		
FAB DWG. NO.: H42-2-00-MA-P-20-DWG-107				SUB-CONTRACTOR DWG. NO. : Cii97-81003-LU-DWG-02		
EMPLOYER DWG. NO. : DLK-D-FAB-10907-MEC-C-R01						
TITLE : General Assembly and material Weight for Left Shaft air baffle						
SCALE:	SIZE: A3	SHEET: 4/7	CONTRACT NO. : IQ-P15/Pkg2			REV: 01

IN-HOUSE REV.						
01	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/06/2019
00	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/03/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE



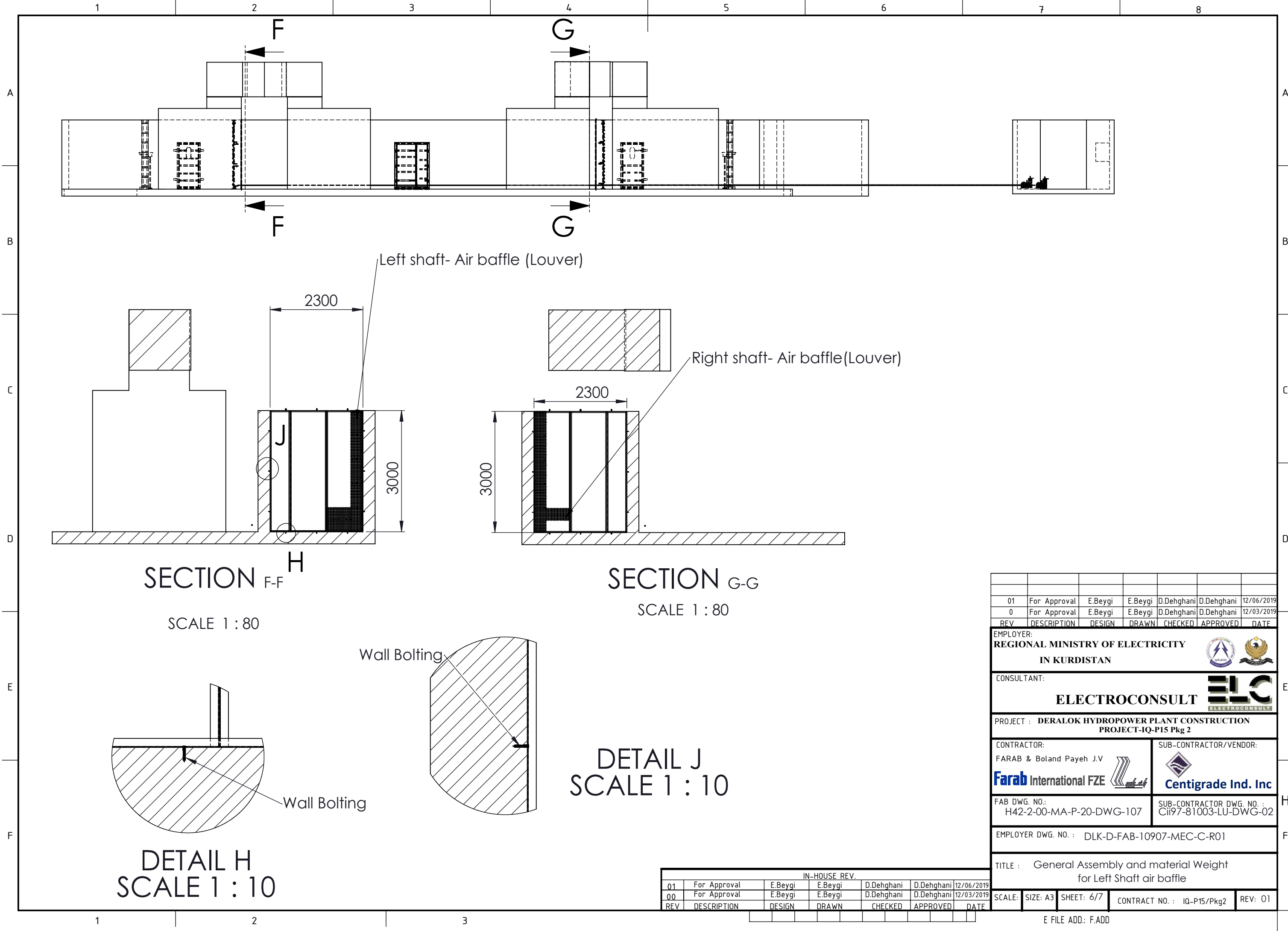
SECTION C-C
SCALE 1 : 140



SECTION D-D
SCALE 1 : 140

01	For Approval	E.Beygi	E.Beygi	D.Dehghani	D.Dehghani	12/06/2019
0	For Approval	E.Beygi	E.Beygi	D.Dehghani	D.Dehghani	12/03/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE
EMPLOYER: REGIONAL MINISTRY OF ELECTRICITY IN KURDISTAN						
CONSULTANT: ELECTROCONSULT						
PROJECT : DERALOK HYDROPOWER PLANT CONSTRUCTION PROJECT-IQ-P15 Pkg 2						
CONTRACTOR: FARAB & Boland Payeh J.V Farab International FZE				SUB-CONTRACTOR/VENDOR: Centigrade Ind. Inc		
FAB DWG. NO.: H42-2-00-MA-P-20-DWG-107				SUB-CONTRACTOR DWG. NO. : Cii97-81003-LU-DWG-02		
EMPLOYER DWG. NO. : DLK-D-FAB-10907-MEC-C-R01						
TITLE : General Assembly and material Weight for Left Shaft air baffle						
SCALE:	SIZE: A3	SHEET: 5/7	CONTRACT NO. : IQ-P15/Pkg2		REV: 01	

E FILE ADD.: F.ADD



SECTION F-F



SCALE 1 : 80

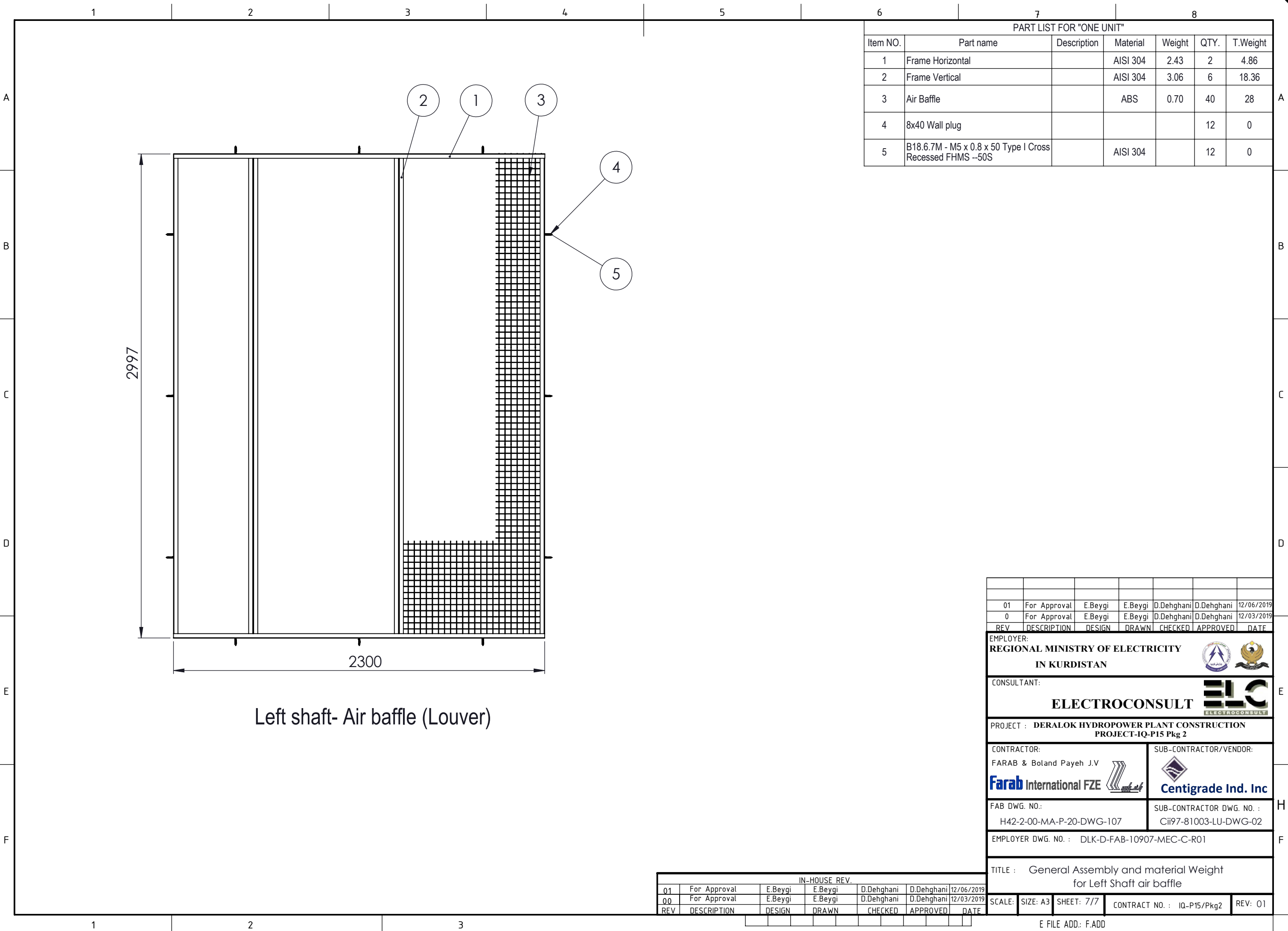
SECTION G-G

SCALE 1 : 80






DETAIL H
SCALE 1 : 10

DETAIL J
SCALE 1 : 10

01	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/06/2019
0	For Approval	E.Beygi	E.Beygi	D.Deighani	D.Deighani	12/03/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE
EMPLOYER: REGIONAL MINISTRY OF ELECTRICITY IN KURDISTAN						
CONSULTANT: <div></div> <div></div> ELECTROCONSULT						
PROJECT : DERALOK HYDROPOWER PLANT CONSTRUCTION PROJECT-IQ-P15 Pkg 2						
CONTRACTOR: FARAB & Boland Payeh J.V <div></div> Farab International FZE				SUB-CONTRACTOR/VENDOR: <div></div> Centigrade Ind. Inc		
FAB DWG. NO.: H42-2-00-MA-P-20-DWG-107				SUB-CONTRACTOR DWG. NO. : Cii97-81003-LU-DWG-02		
EMPLOYER DWG. NO. : DLK-D-FAB-10907-MEC-C-R01						
TITLE : General Assembly and material Weight for Left Shaft air baffle						
SCALE:	SIZE: A3	SHEET: 6/7		CONTRACT NO. : IQ-P15/Pkg2		REV: 01



PART LIST FOR "ONE UNIT"						
Item NO.	Part name	Description	Material	Weight	QTY.	T.Weight
1	Frame Horizontal		AISI 304	2.43	2	4.86
2	Frame Vertical		AISI 304	3.06	6	18.36
3	Air Baffle		ABS	0.70	40	28
4	8x40 Wall plug				12	0
5	B18.6.7M - M5 x 0.8 x 50 Type I Cross Recessed FHMS -50S		AISI 304		12	0

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CONSULTANT: ELECTROCONSULT						
						
PROJECT : DERALOK HYDROPOWER PLANT CONSTRUCTION PROJECT-IQ-P15 Pkg 2						
CONTRACTOR: FARAB & Boland Payeh J.V Farab International FZE 				SUB-CONTRACTOR/VENDOR:  Centigrade Ind. Inc		
FAB DWG. NO.: H42-2-00-MA-P-20-DWG-107				SUB-CONTRACTOR DWG. NO. : Cii97-81003-LU-DWG-02		
EMPLOYER DWG. NO. : DLK-D-FAB-10907-MEC-C-R01						
TITLE : General Assembly and material Weight for Left Shaft air baffle						
SCALE:	SIZE: A3	SHEET: 7/7	CONTRACT NO. : IQ-P15/Pkg2			REV: 01

IN-HOUSE REV.						
01	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	12/06/2019
00	For Approval	E.Beygi	E.Beygi	D.Deoghani	D.Deoghani	12/03/2019
REV	DESCRIPTION	DESIGN	DRAWN	CHECKED	APPROVED	DATE