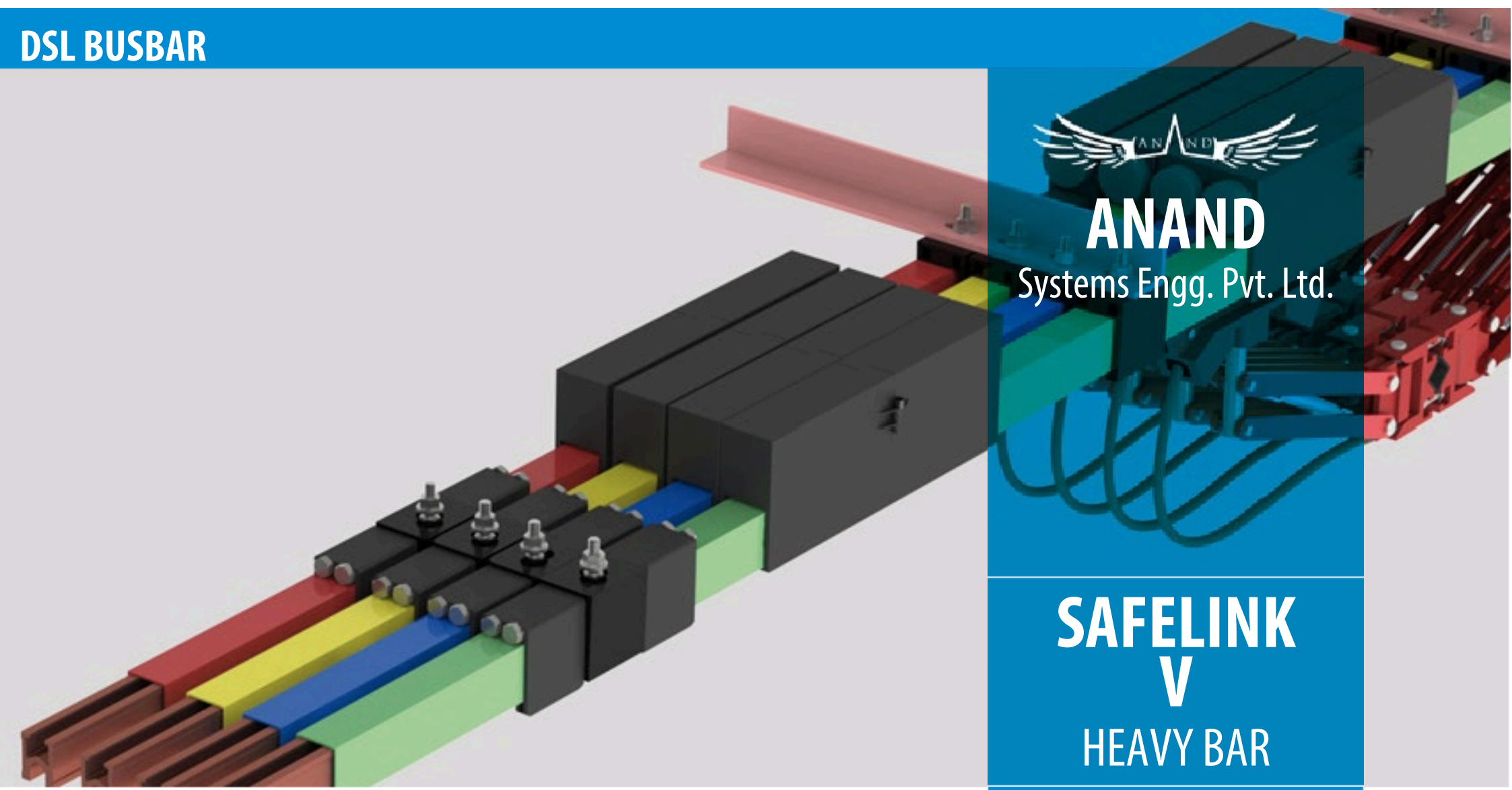


ANAND
Systems Engg. Pvt. Ltd.

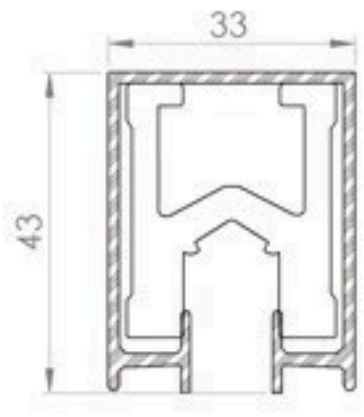
SAFELINK V
HEAVY BAR

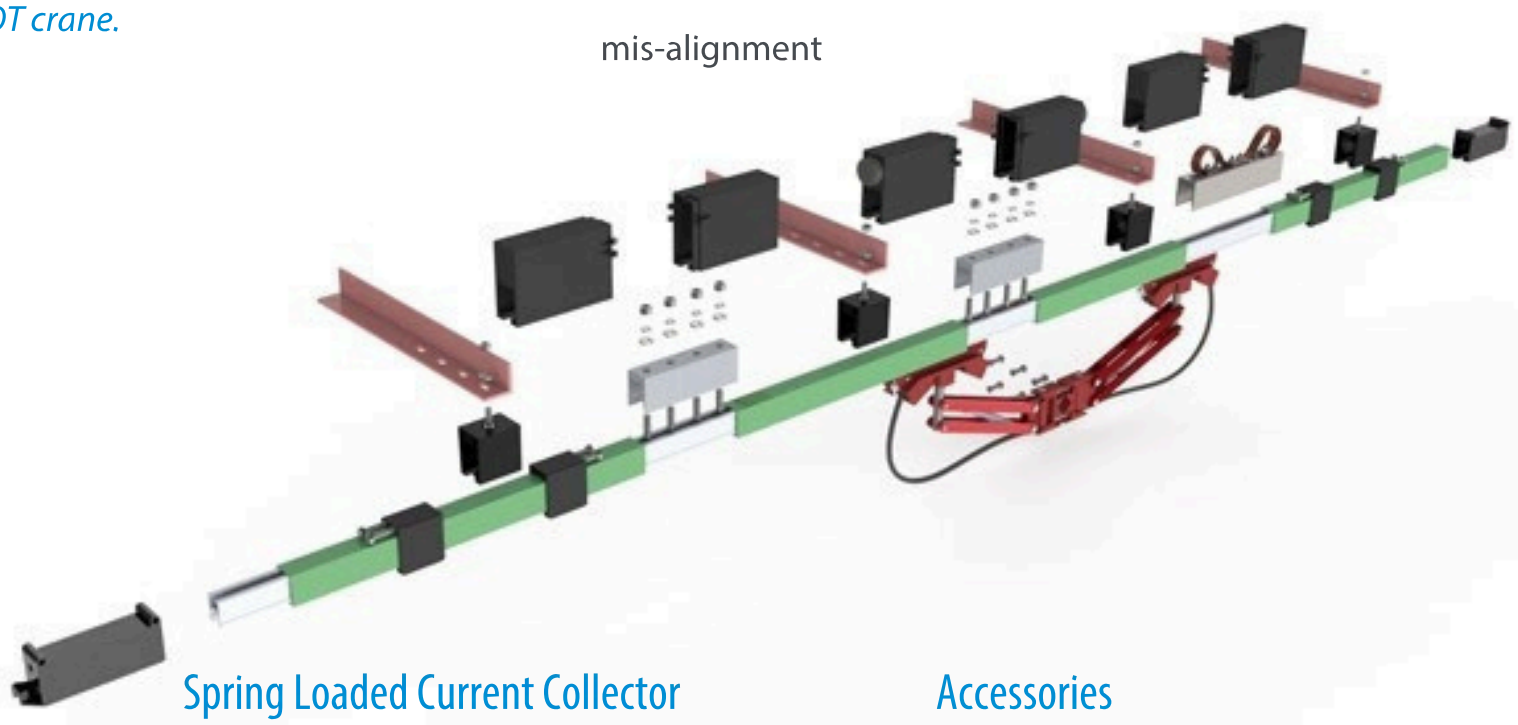
SAFELINK V CONDUCTOR BAR RATINGS
500/800/1000/1250 Amps
Aluminium/Copper

Safelink Conductor bars are used for power transmission. Conductor rail provide a safe & economical supply of electric power for track guide mobile machinery.Single pole individually insulated conductors. Ideally used for EOT crane.

- Quick & Easy Installation with 1 Pole and 4 Pole Hanger
- 4.5 Meters Bar Length
- Cover Designed to shed water and dust
- Joint Cover provides total protection of joints.
- Enclosed Wiring for connection on collectors
- Safe and Simple installation
- No Expansion Joints upto 150 Meters long System
- Slide in slot features for hanger supports to eliminate mis-alignment

PRODUCT DETAILS





Profile
Safelink V series conductor bars are finger safe, insulated and accident free.

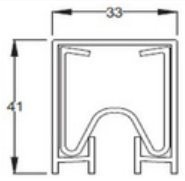
Spring Loaded Current Collector
125 Amps Current Collector
250 Amps Current Collector
500 Amps Current Collector

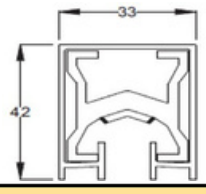
Accessories
Hanger Clamp, Anchor Clamp, Joint Cover | Splice Cover, End Cover, End | Center Power Feed, Jointing Tools, Web & CC Bracket.

www.anandcontrol.in
116 Acharya Ind. Est.,Andheri Kurla Road,Sakinaka,
Mumbai - 400072,Maharashtra,India.
Ph: 91376 20579
info@anandcontrol.in

Anand Systems Engineering Pvt Ltd

TECHNICAL DATA SHEET SAFELINK-V





CONDUCTOR BAR	COPPER					ALUMINUM WITH STAINLESS STEEL		
Nominal Current	**500A**	**800A**	**1000A**	**1250A**	**2000A**	**500A**	**800A**	**1000A**
Resistance R (For DC) at 35°C (Ω/m)	0.000104	0.000057	0.000033	0.000022	0.000011	0.000097	0.000074	0.000051
Impedence Z (For DC) at 35°C (Ω/m)	0.000161	0.000136	0.000127	0.000094	0.000061	0.000157	0.000144	0.000137
Maximum Ambient Temprature for 100% Duty Cycle	71.1°C					71°C		
Support Pitch Standard	2.250mm					2.250mm		
Lateral	1500mm					1500mm		
Protection Class (Finger Safe)	IP21					IP21		
Conductor Joint	Bolted Type					Bolted Type		
CONDUCTOR BAR COVER								
Standard Insulation	PVC					PVC		
Dielectric Strength	180 kv/cm					180 kv/cm		
Maximum System working Temperature	80°C					80°C		
Flame Test	Self Extinguishing					Self Extinguishing		
INSTALLATION	YYYG / RYBG					YYYG / RYBG		
Colour								
Hanger Clamps	1 Pole					1 Pole		
Power Feeding	At joint or at any location					At joint or at any location		
OTHER ACCESSORIES	Indoor / outdoor					Indoor / outdoor		
Installation suitable for °C								
Isolating Sections	Available					Available		
High Temp. Sleeves For 120								

Note :-

1] Each bar Length is 4.5Mtr.

2] Maximum Systems Volage is 500V Ac / 600V Dc

3] Manimum Pitch Centre 1pole is 80mm

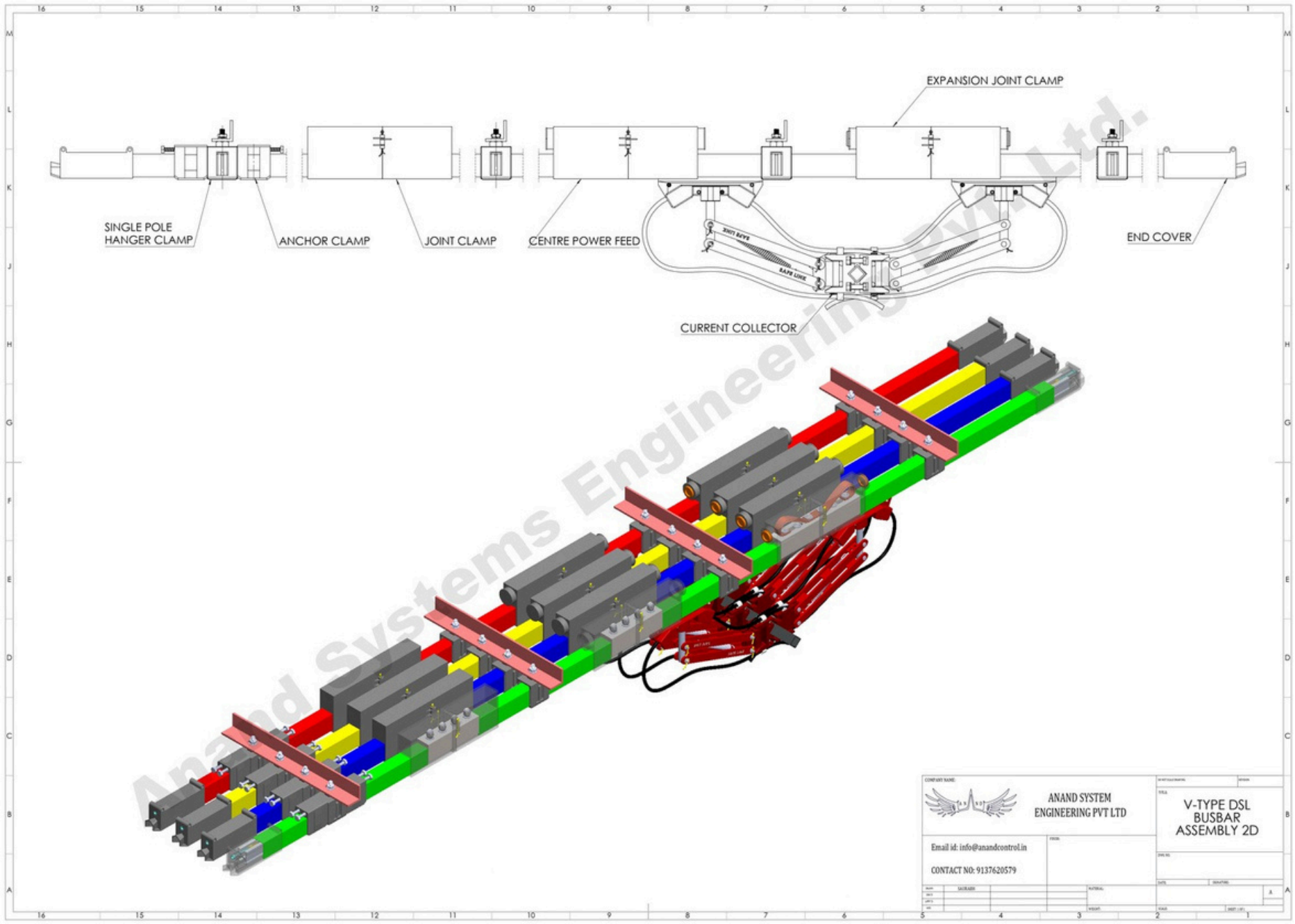
4] Expansion Section Not Required Less than 200Mtr. Bay Length

5] High Voltage with Stand For 1 Min Flashover Test is 2.5KV / 7.5KV

6] Anchor Clamps are placed at the centre of the bay (bay length <150M)

PRODUCTS DRAWING FOR DSL BUSBAR V TYPE

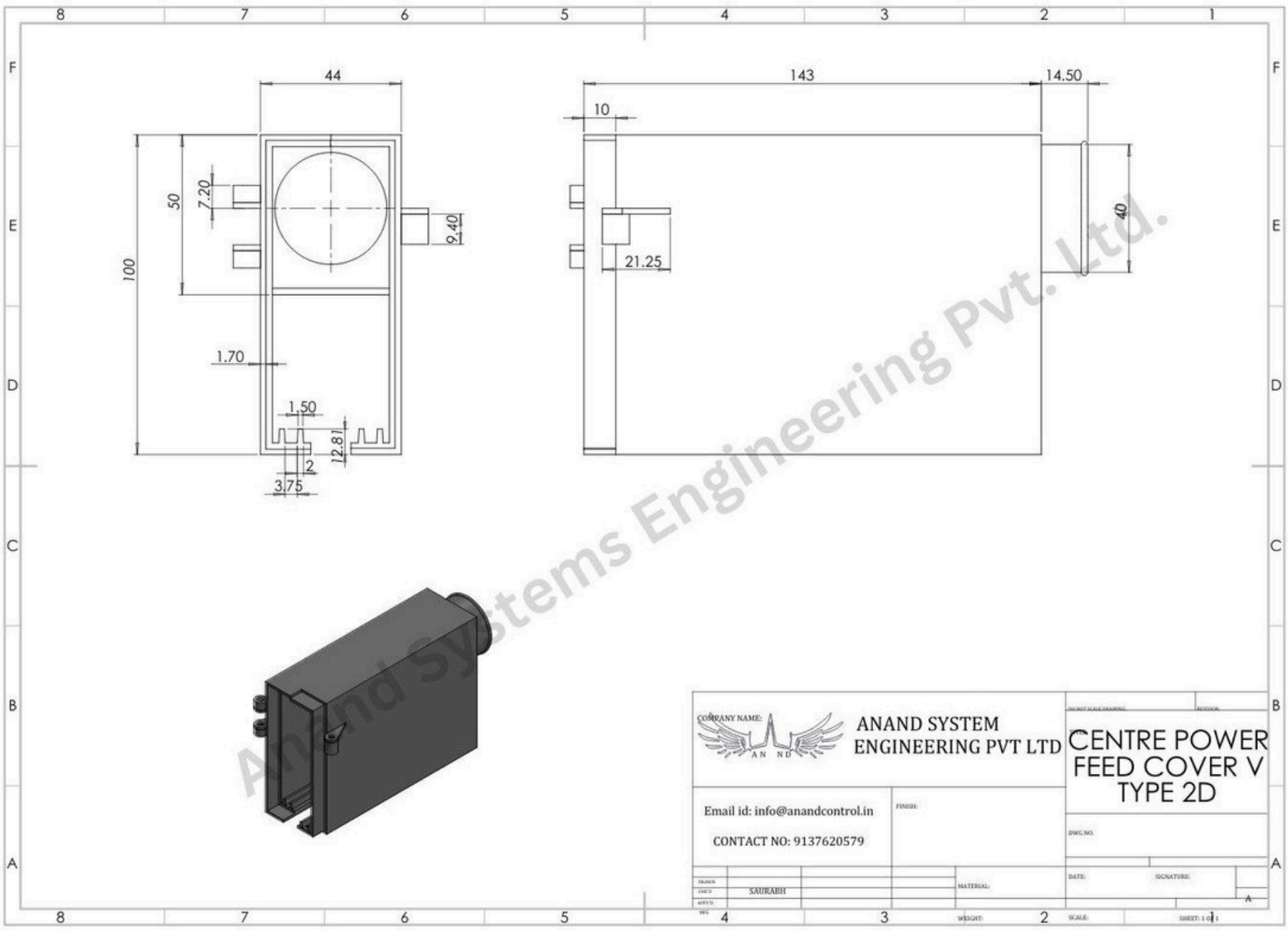
DSL BUSBSR V TYPE ASSEMBLY



EXPANSION JOINT ASSEMBLY V-TYPE

PRODUCTS DRAWING FOR DSL BUSBAR V TYPE

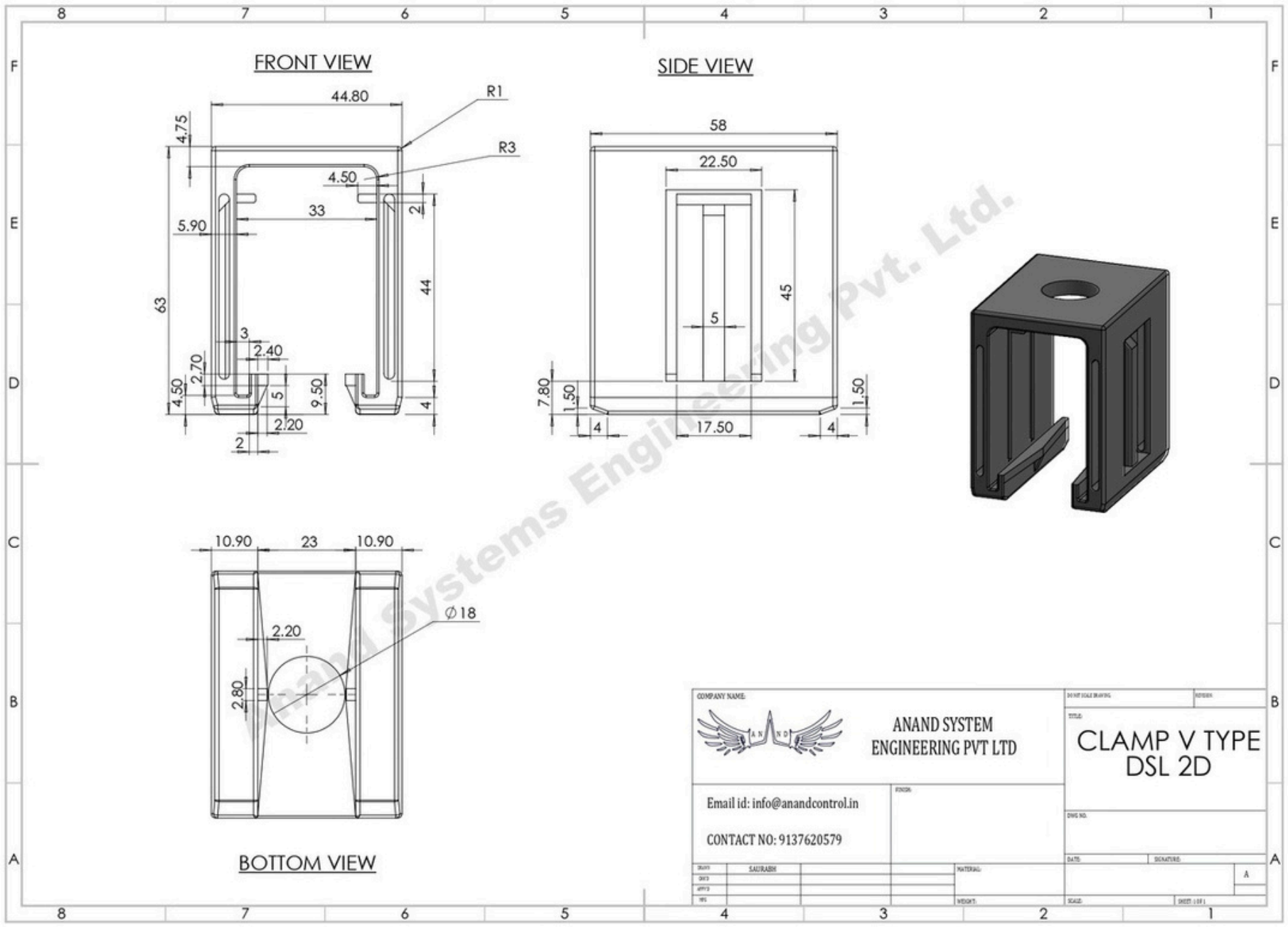
CENTER POWERFEED COVER V TYPE



C.C-TOWING BRACKET 250 AMP

PRODUCTS DRAWING FOR DSL BUSBAR V TYPE

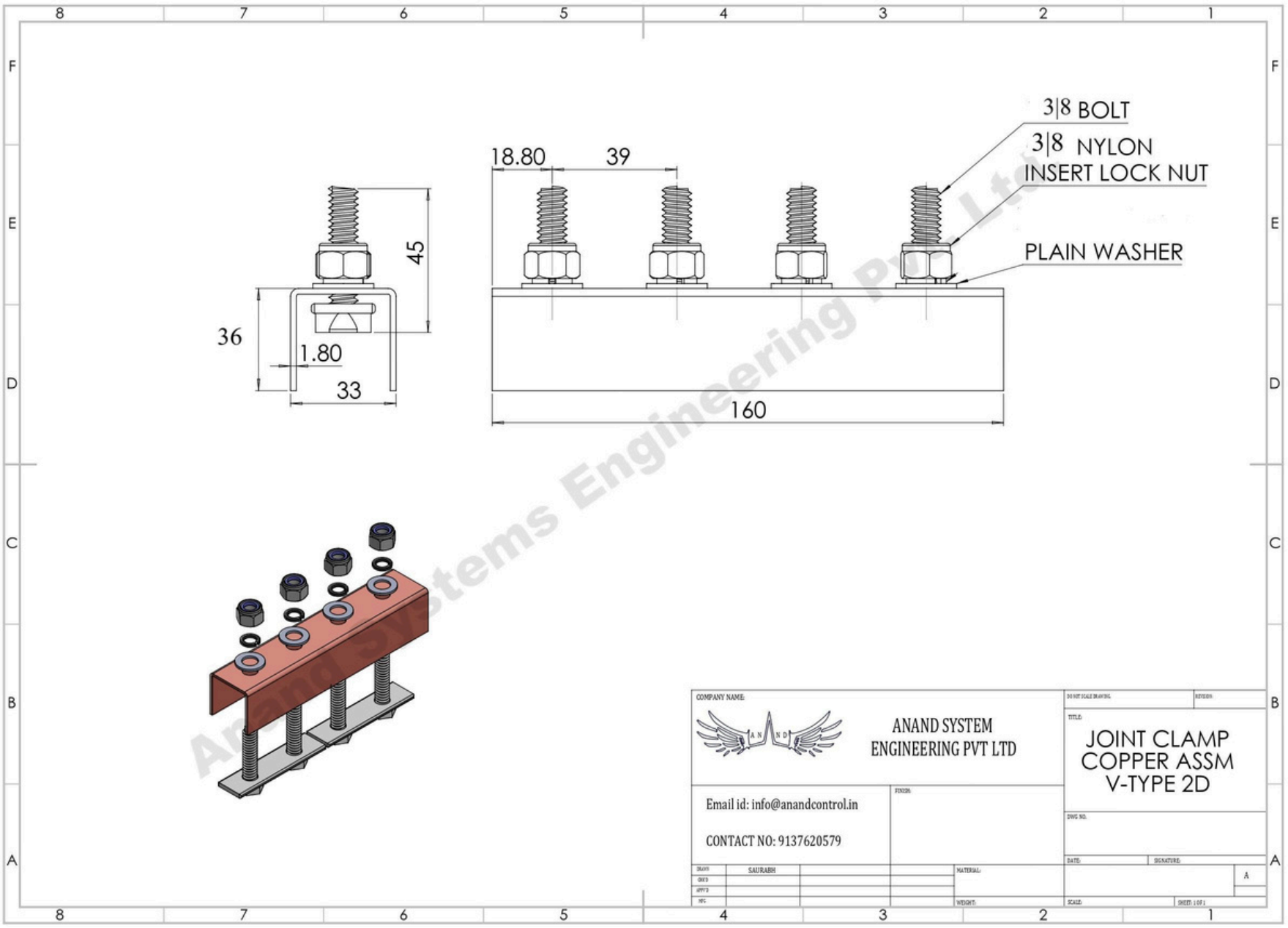
CLAMP V TYPE DSL



EXPANSION JOINT COVER V TYPE

PRODUCTS DRAWING FOR DSL BUSBAR V TYPE

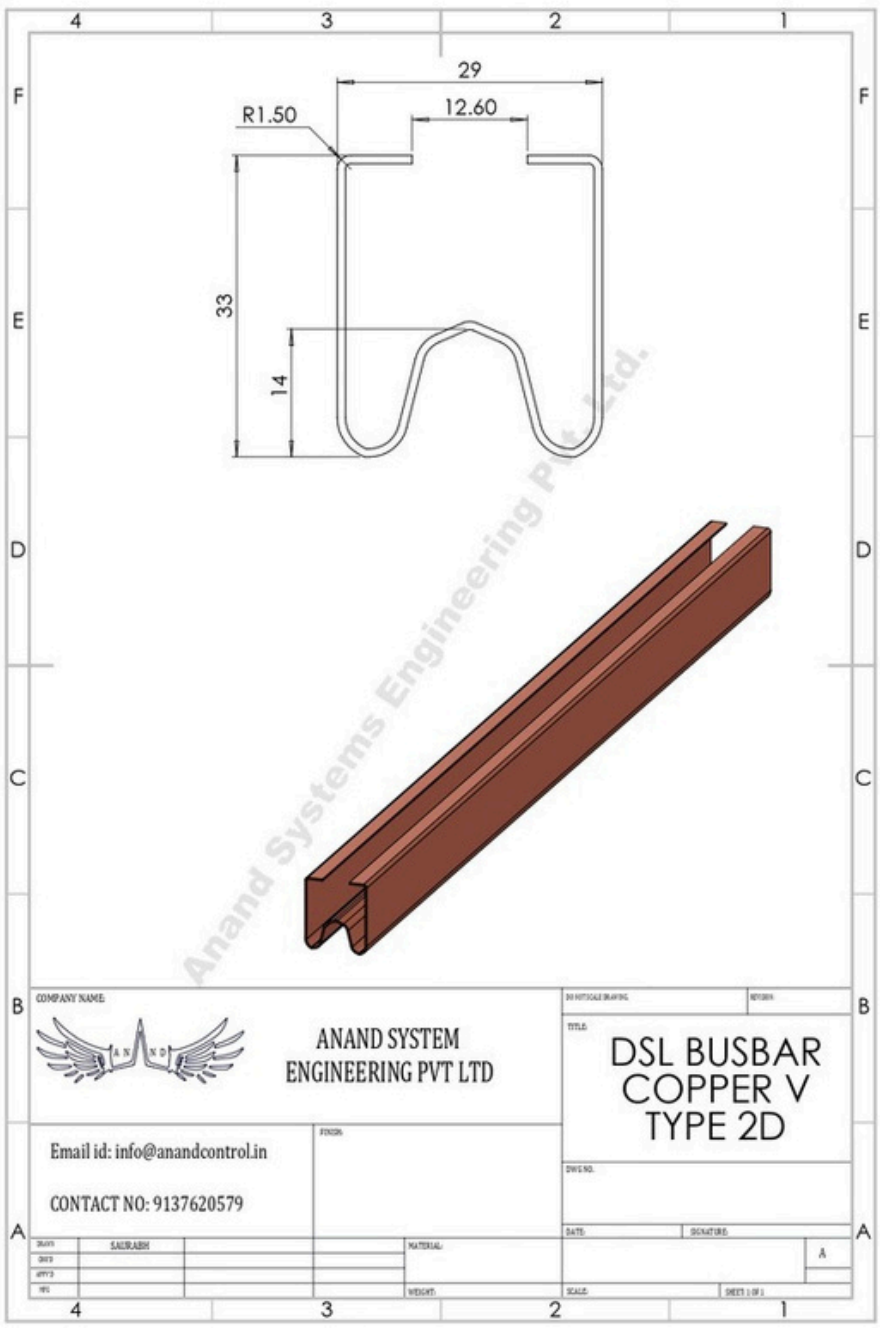
JOINT CLAMP COPPER ASSEMBLY



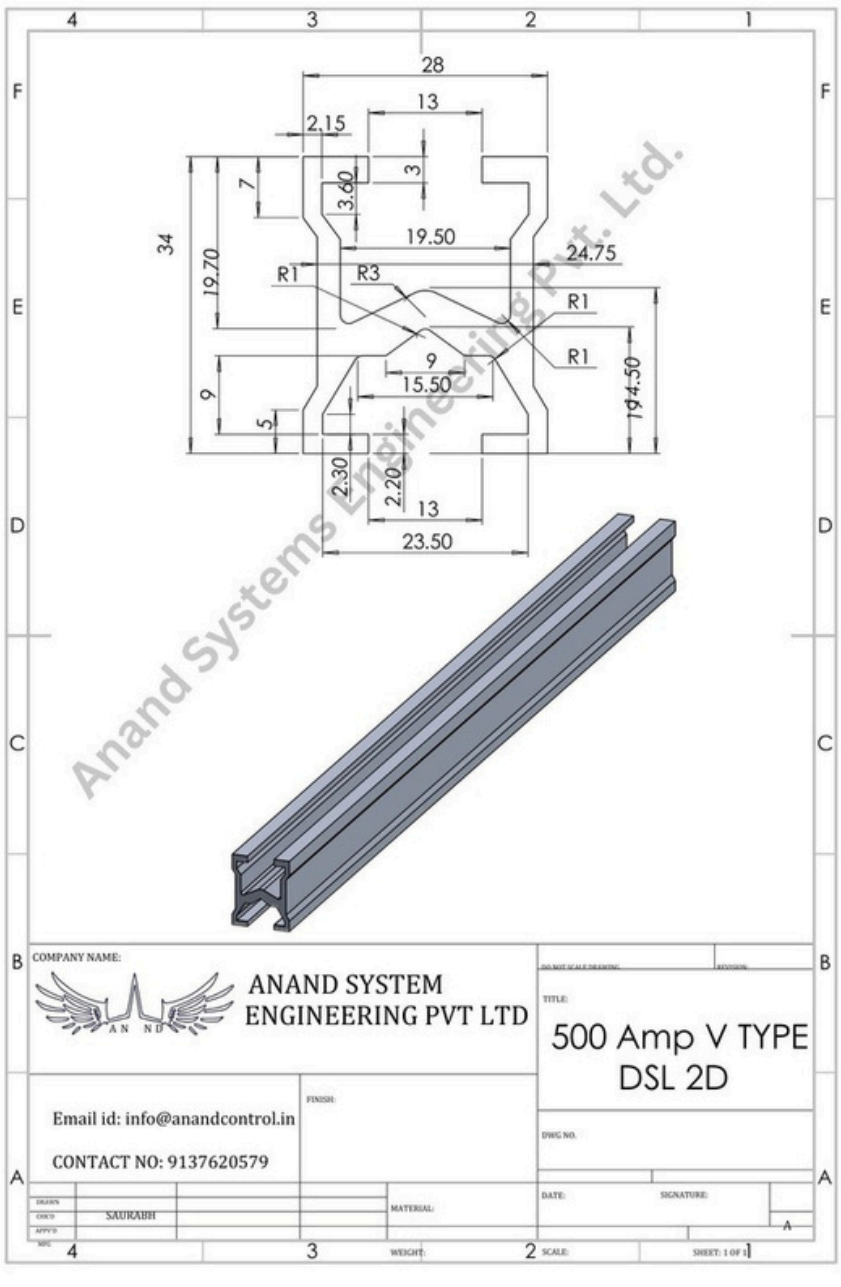
JOINT CLAMP ASSEMBLY V TYPE

PRODUCTS DRAWING FOR DSL BUSBAR V TYPE

DSL BUSBAR COPPER V TYPE

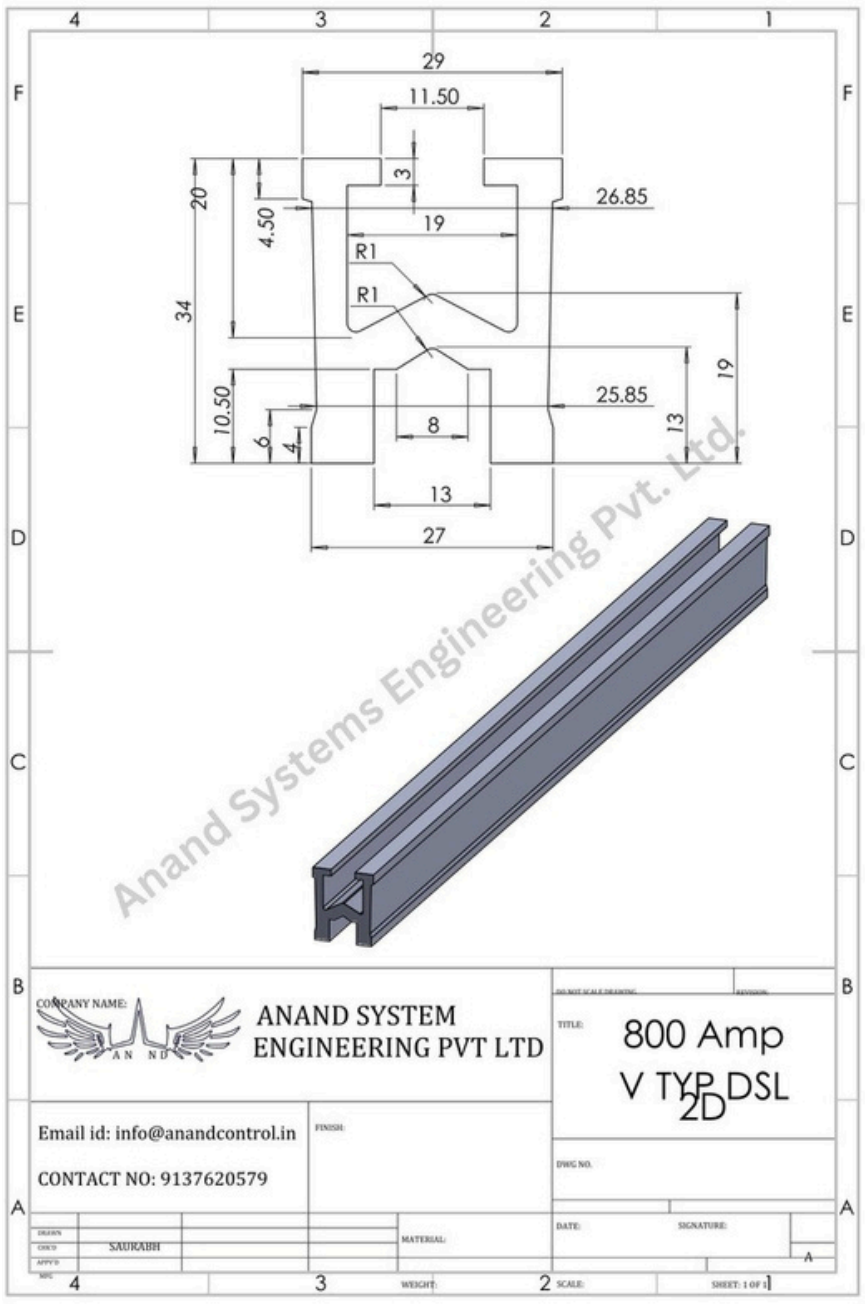


DSL BUSBSR 500AMP V TYPE

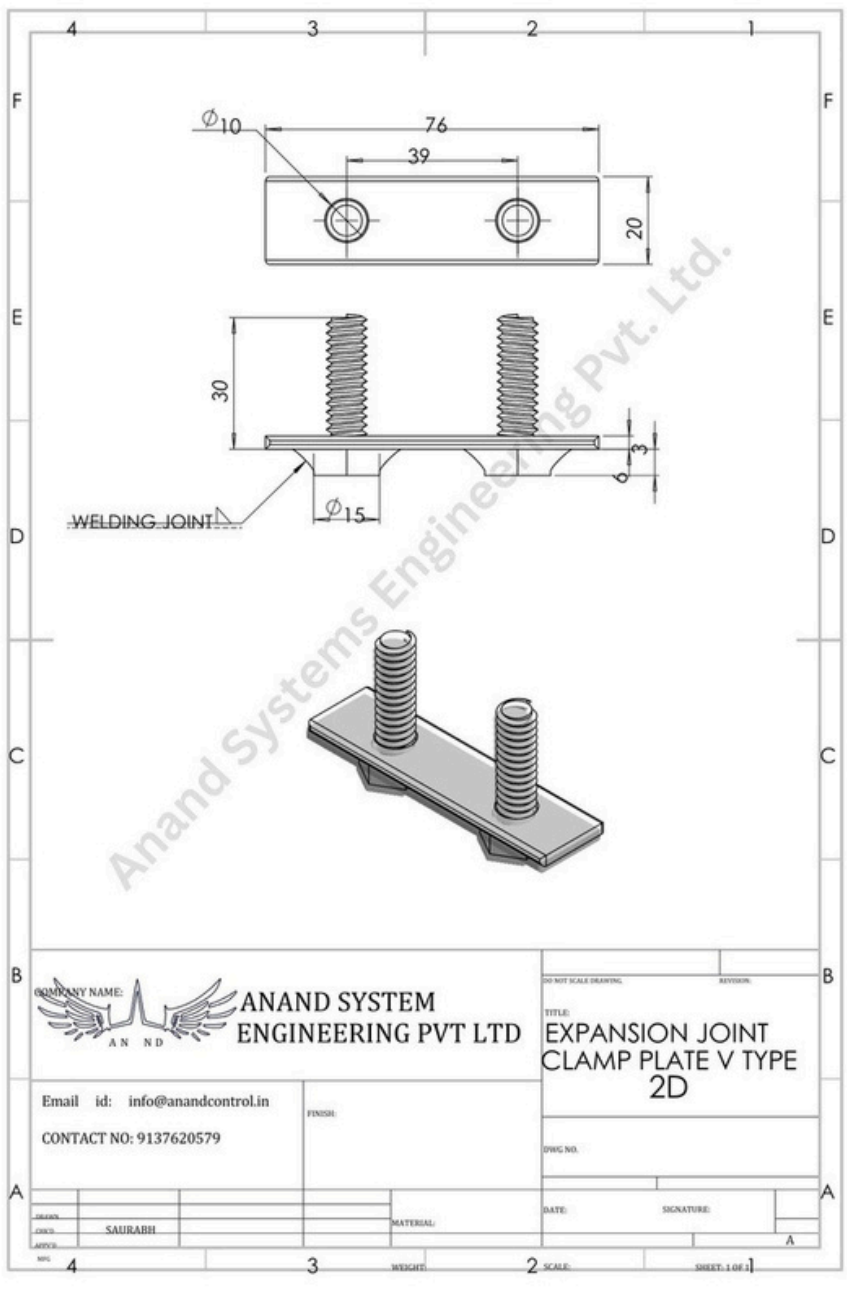


PRODUCTS DRAWING FOR DSL BUSBAR V TYPE

DSL BUSBAR 800 AMP V TYPE

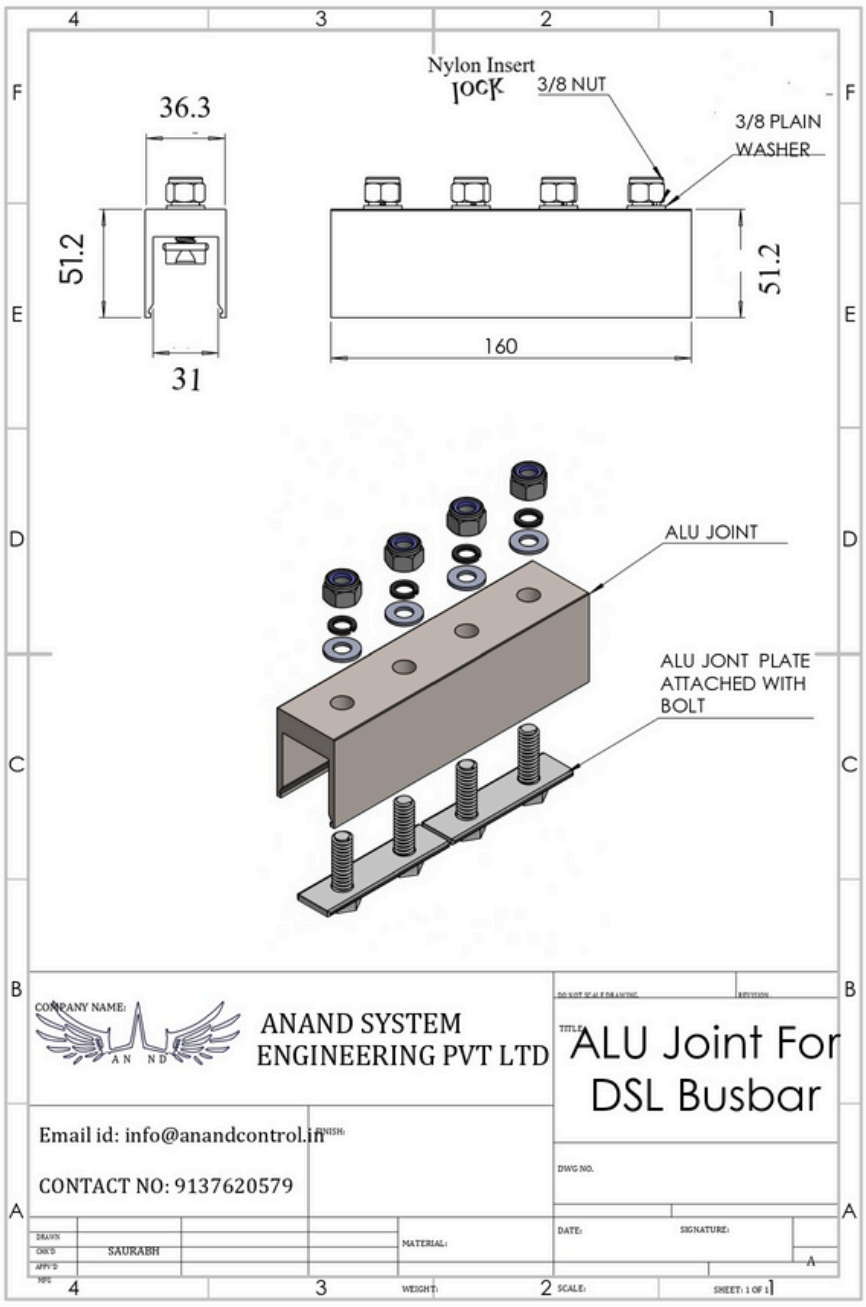
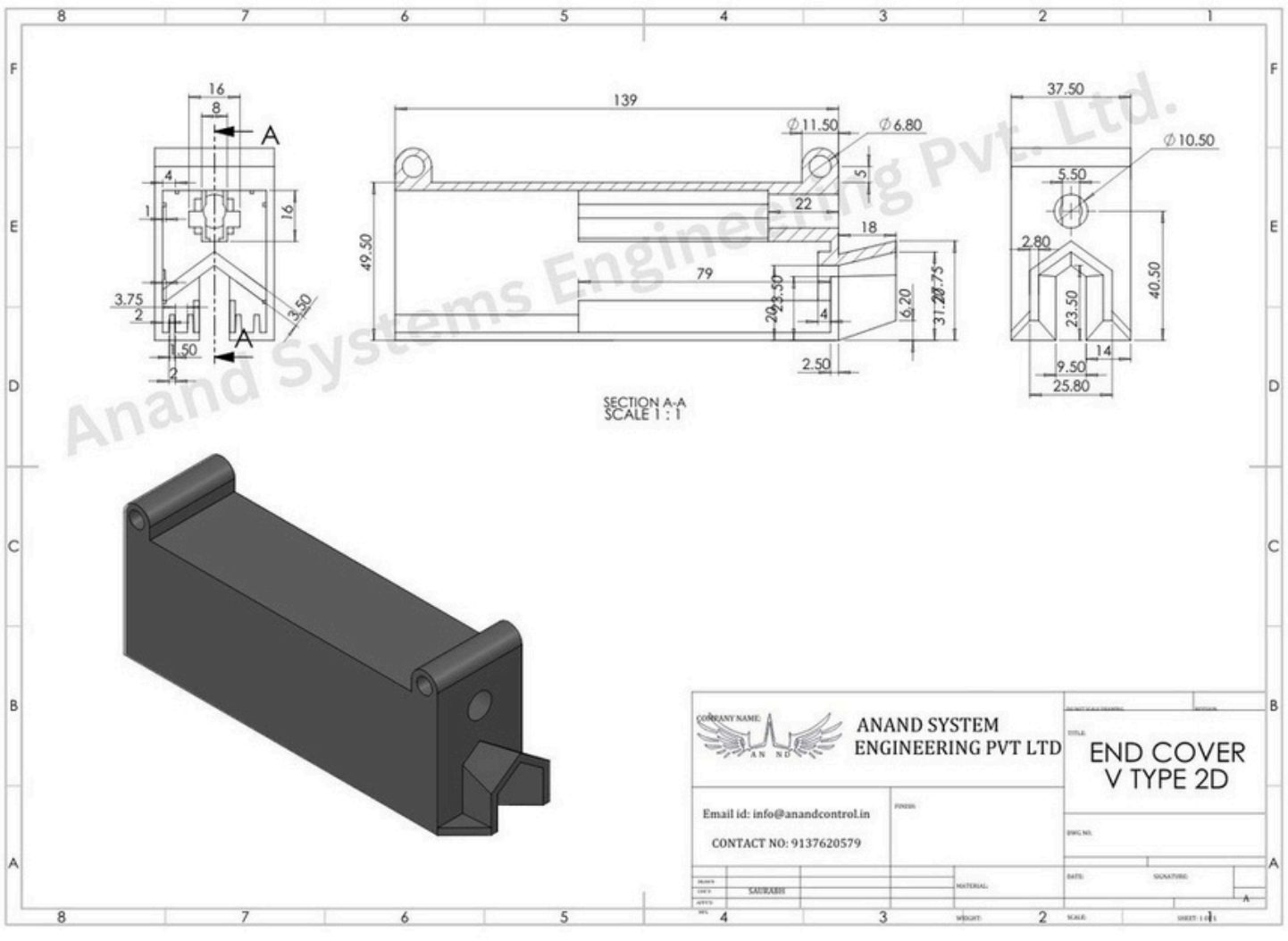


EXPANSION JOINT CLAMP PLATE V TYPE



PRODUCTS DRAWING FOR DSL BUSBAR V TYPE

Alu JOINT CLAMP V TYPE



END COVER V TYPE