

PARACHUTE INDONESIA

PARAGLIDER 50 CELLS
45 SQM
PARACHUTE ENGINEERING

1 SEPTEMBER 2021

NOT FOR SCALE

PREPARED BY: R. ADMURSITO, M.Eng., C.A	DATE:
CHECKED BY:	DATE:
CC APPROVED:	DATE:
CONTRACT NO:	

PARACHUTE INDONESIA
Jl. Gading Griya Lestari Raya Blok H1
no. 43
Sukapura, Jakarta Utara 14140,
Indonesia

PARACHUTE INDONESIA	
DRAWING:	REVISION:
SCALE: NONE	SHEET:

PARACHUTE INDONESIA

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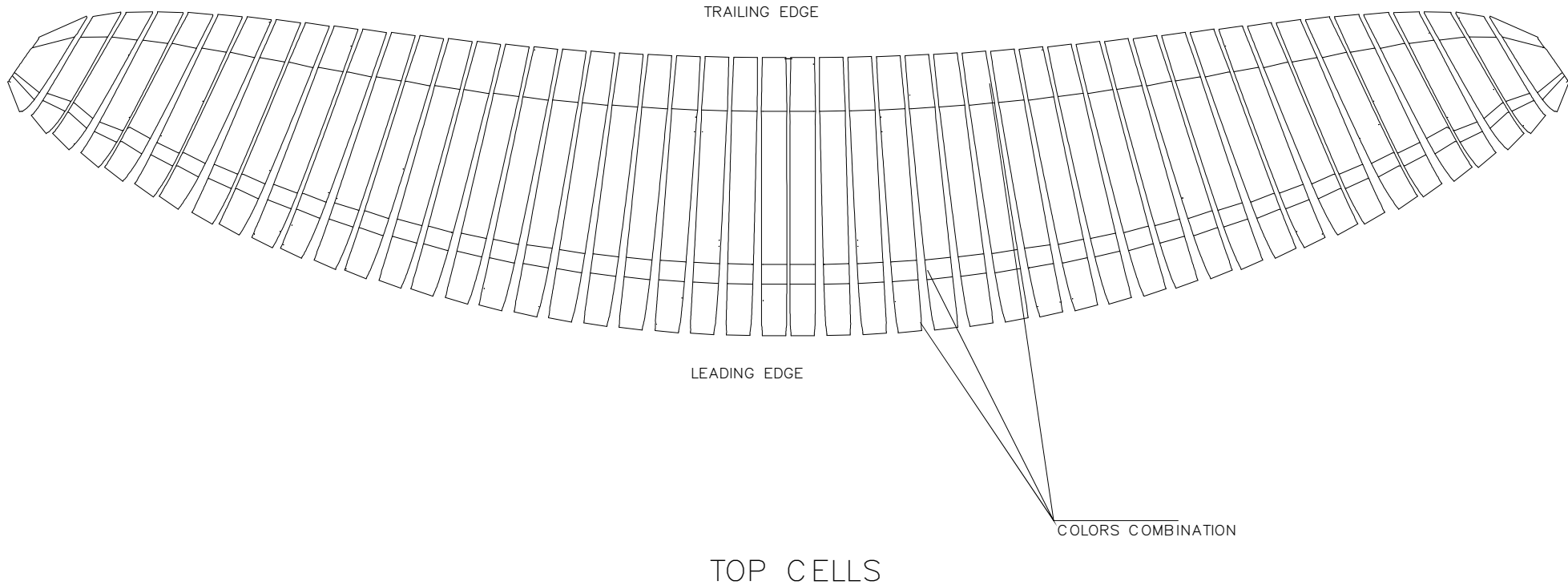
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Indonesia

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Sukapura, Jakarta Utara 14140,
Indonesia

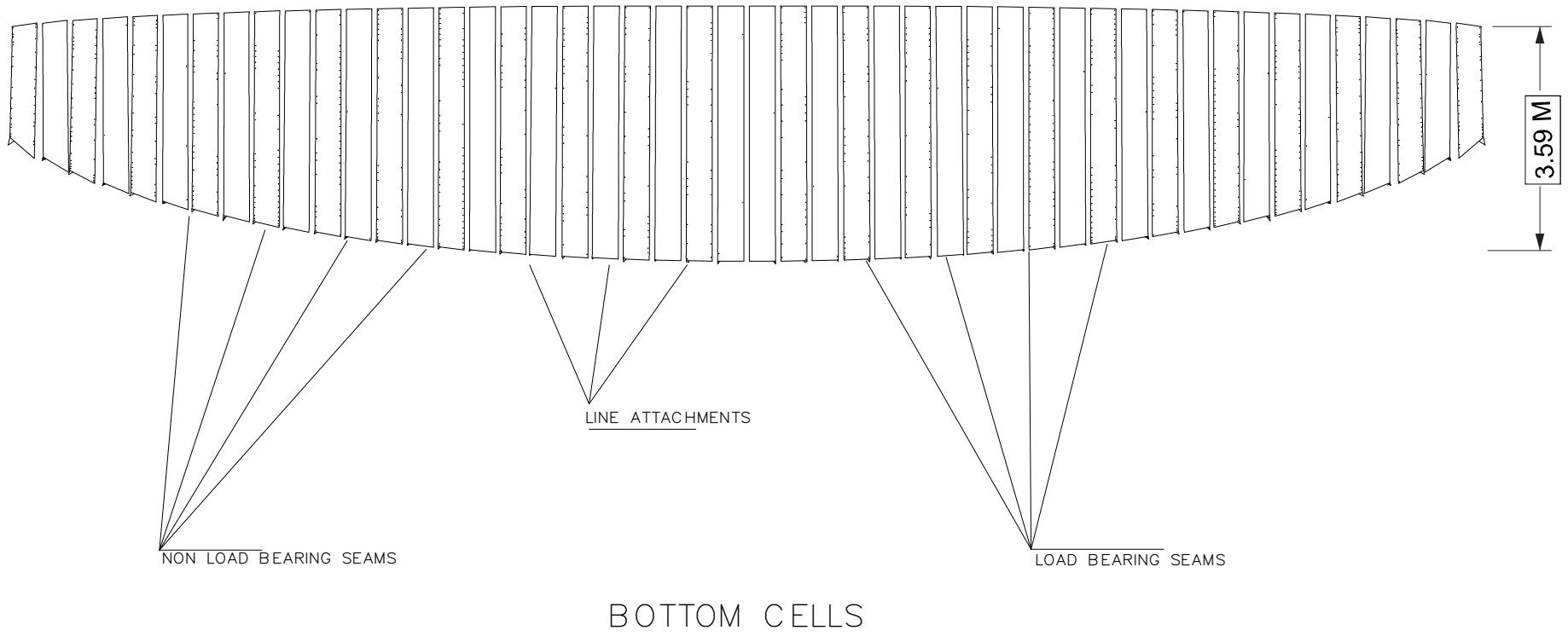
TOP CELLS
OVERVIEW

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PARACHUTE INDONESIA
 JL. Gading Griya Lestari Raya Blok H1
 no. 43
 Sukapura, Jakarta Utara 14140,
 Indonesia

BOTTOM CELLS
 OVERVIEW

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AutoSave KOORDINAT SAFARI TANDEM TALI (Autosaved).xlsx Indoparasut

File Home Insert Page Layout Formulas Data Review View Help

Normal Page Break Preview Custom Views Ruler Formula Bar Gridlines Headings Zoom 100% Zoom to Selection New Window Arrange All Freeze Panes Split Hide View Side by Side Synchronous Scrolling Reset Window Position Switch Windows Macros

A18

1 SUB PROGRAM PARAGLIDER
 2 Programmer & System analis : Adi
 3
 4
 5 Input
 6
 7 Wingspan 15 AREA 44.745
 8 Max chord 3.592 Area Projected 34.9608
 9 SEL 50 Wingspan 15
 10 Wingspan Projected 11.72 Max chord 3.592
 11 Prosentase Pjg Tip Chord thd Top Chord 20.8799 Minimum Chord 0.75001
 12 Tip Chord cm 0.750006 Aspec ratio 4.17595
 13 Load
 14 Prosentase Panjang sel Tip : Top 100
 15
 16
 17 Ketajaman LE dan TE 1
 18 0
 19
 20 Prosentase Kelengkungan LE : TE 42
 21
 22 b1 1.193637
 23 b2 -1.64836
 24 a 7.5
 25
 26
 27
 28

Sheet3 Sheet2 RIBS95DHSV2 Sheet1 GNE RIBS INPUT PLATFORM FRONT VIEW 3DVIEW GNE SPEED 95 DHV2 COMP 92 gne EASY Bi 95 DHV2 OUTPUT

Ready 28°C Kabut 8:33 13/09/2021

NOT FOR SCALE	PREPARED BY: R. ADNIURSTO, M.Eng, CA	DATE:	PARACHUTE INDONESIA JL. Gading Griya Lestari Raya Blok H1 no. 43 Sukapura, Jakarta Utara 14140,	INPUT PROGRAM SPECIFICATION	
	CHECKED BY:	DATE:		DRAWING:	REVISION:
	QC APPROVED:	DATE:		SCALE: NONE	SHEET:
	CONTRACT NO:				

AutoCAD 2013 MODEL.dwg

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Line Polyline Circle Arc Move Rotate Trim Copy Mirror Fillet Scale Array Stretch Unsaved Layer State Text Leader Insert Edit Edit Attributes

Draw Modify Layers Annotation Block Properties Groups Clipboard Utilities

Model Layout1 Layout2

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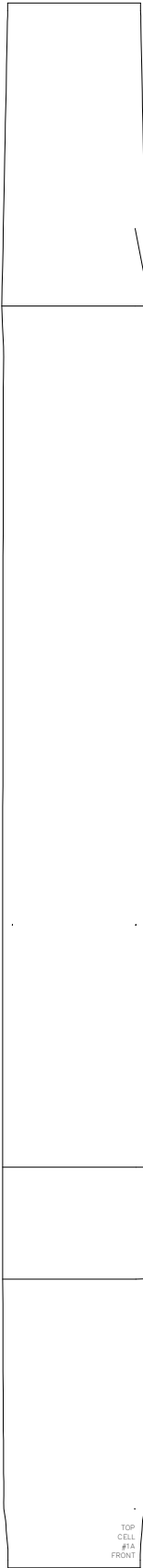
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	CHECKED BY:	DATE:		DRAWING:	REVISION:
	QC APPROVED:	DATE:		SCALE: NONE	SHEET:
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PARACHUTE INDONESIA
Jl. Gedung Griya Lestari Raya Blok H no. 43
Subsahara, Jakarta Utara 14140.

TOP CELL #1A	
DRAWING:	REVISION:
SCALE: NONE	SHEET:



ZERO POROSITY NYLON RIPSTOP

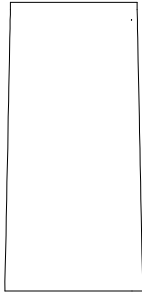
FABRIC MOTIF COMBINATION

ZERO POROSITY NYLON RIPSTOP

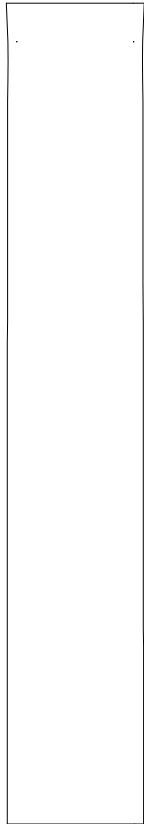
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NOTE: FOLD EDGE UNDER 3/16" PLACE
3/8" T-III INTO FOLD DOUBLE NEEDLE
w/ 3/16" SPREAD

NOT FOR SCALE



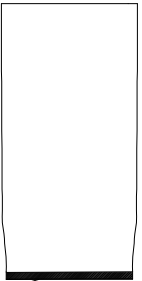
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ZERO POROSITY NYLON RIPSTOP



ZERO POROSITY NYLON RIPSTOP



ZERO POROSITY NYLON RIPSTOP

NOTE: FOLD EDGE UNDER 3/16" PLACE 3/8"
T-III INTO FOLD DOUBLE NEEDLE w/ 3/16"
SPREAD

PREPARED BY:
R. ADNURPSTO, M.Eng, CA

DATE:

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DATE:

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D:

DATE:

CONTRACT NO:

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Jl. Gedung Griya Lestari Raya Blok HI no. 43
Satepurna, Jakarta Utara 14140.

TOP CELL #1A
MOTIF COMBINATION

DRAWING:

REVISION:

SCALE: NONE

SHEET:

NOT FOR SCALE

PREPARED BY:
R. ADNURSTIO, M.Eng, C.A.

DATE:

CHECKED BY:

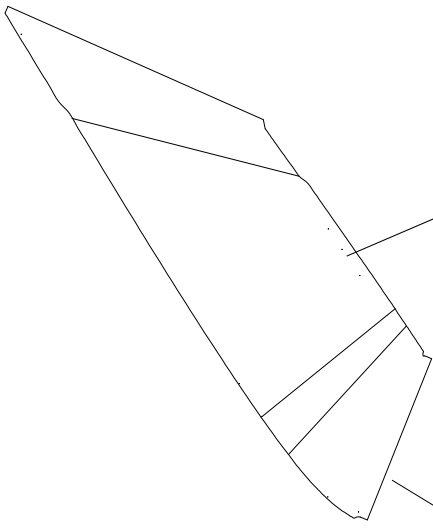
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DATE:

CONTRACT NO:

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Jl. Gedung Griya Lestari Raya Blok H no. 43
Satepura, Jakarta Utara 14140.



ZERO POROSITY NYLON RIPSTOP

FABRIC MOTIF COMBINATION

ZERO POROSITY NYLON RIPSTOP

NOTE: SEE FABRIC MOTIF

NOTE: FOLD EDGE UNDER 3/16" PLACE
3/8" T-III INTO FOLD DOUBLE NEEDLE
w/ 3/16" SPREAD

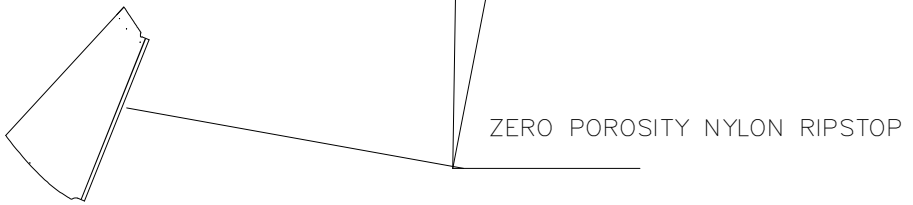
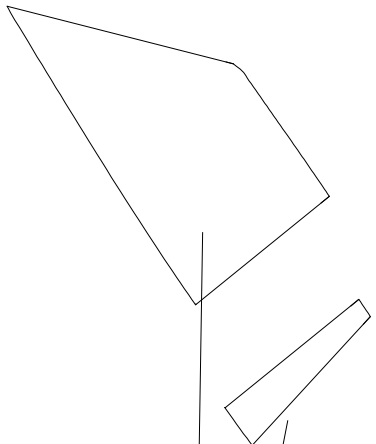
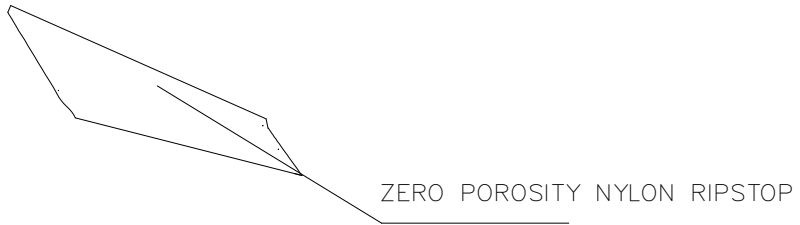
TOP CELL #25

DRAWING:

REVISION:

SCALE: NONE

SHEET:



NOTE: FOLD EDGE UNDER 3/16" PLACE 3/8"
T-III INTO FOLD DOUBLE NEEDLE w/ 3/16"
SPREAD

NOT FOR SCALE

PREPARED BY: R. ADMURBITO, M.Eng, CA	DATE:
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OC APPROVE D:	DATE:
CONTRACT NO:	

PARACHUTE INDONESIA
Jl. Gading Gria Lestari Raya Blok H no. 43
Sukapura, Jakarta Utara 14140.

TOP CELL #20B MOTIF COMBINATION	
DRAWING:	REVISION:
SCALE: NONE	SHEET:

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DATE:

CHECKED BY:

DATE:

QC APPROVED:

DATE:

CONTRACT NO:

PARACHUTE INDONESIA
Jl. Gedung Gryta Lestari Raya Blok H1 no. 43
Sukapura, Jassarua Utara 14140,

BOTTOM CELL #1B

DRAWING:

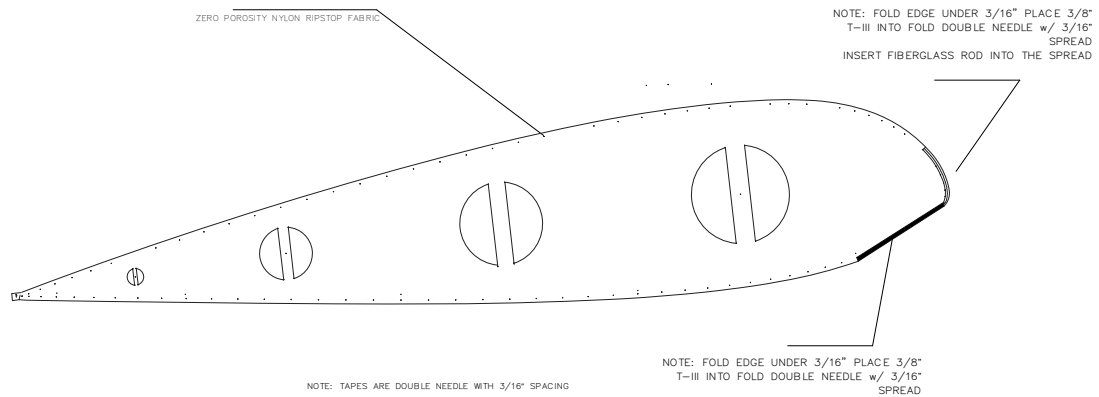
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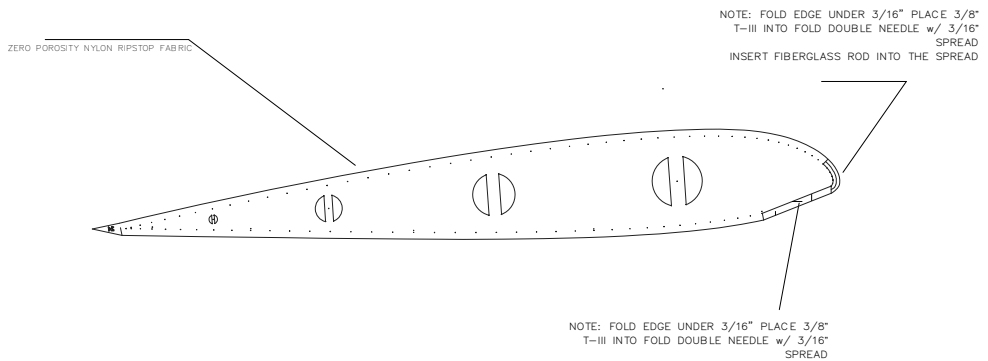
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ZERO POROSITY NYLON RIPSTOP

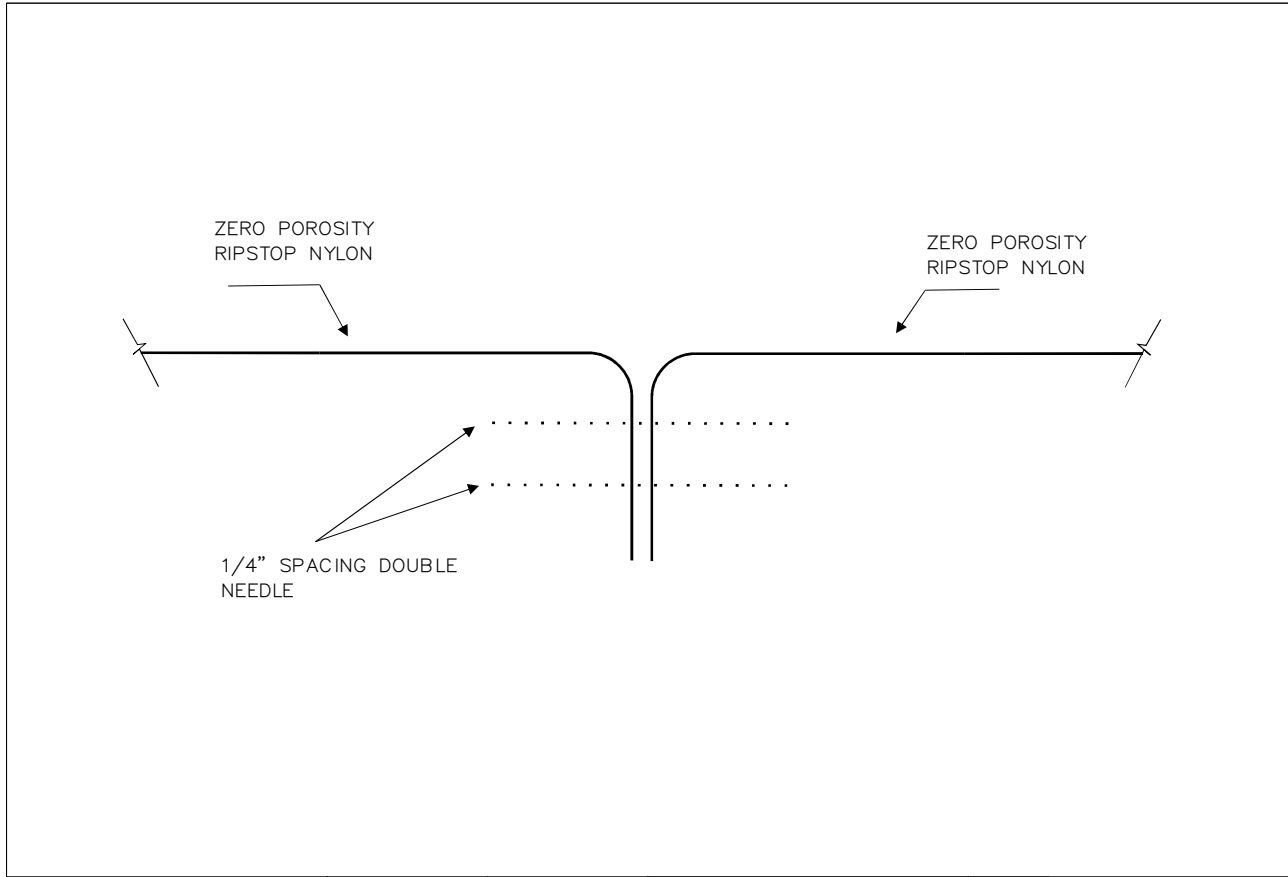
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3/8" T-III INTO FOLD DOUBLE NEEDLE
w/ 3/16" SPREAD



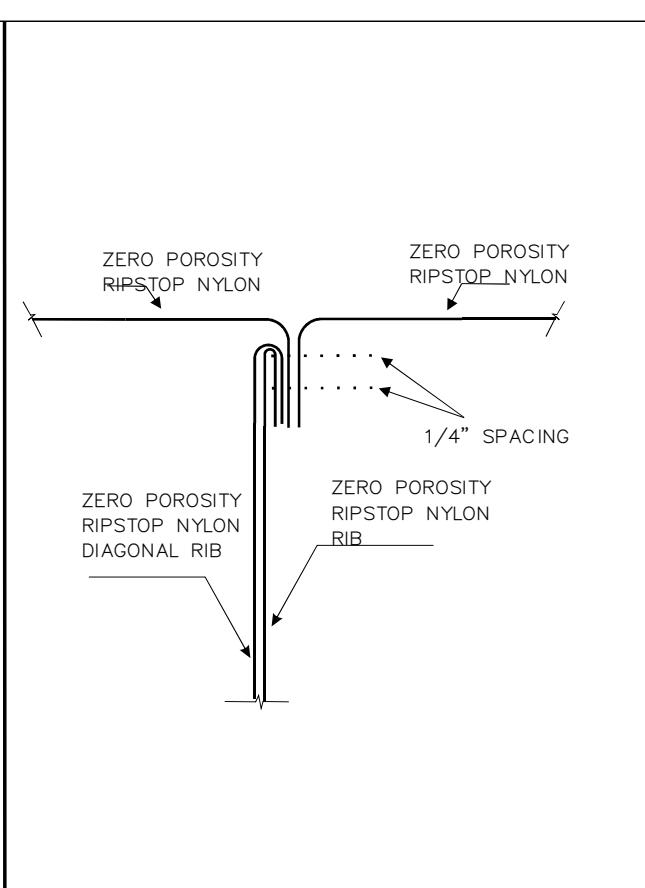
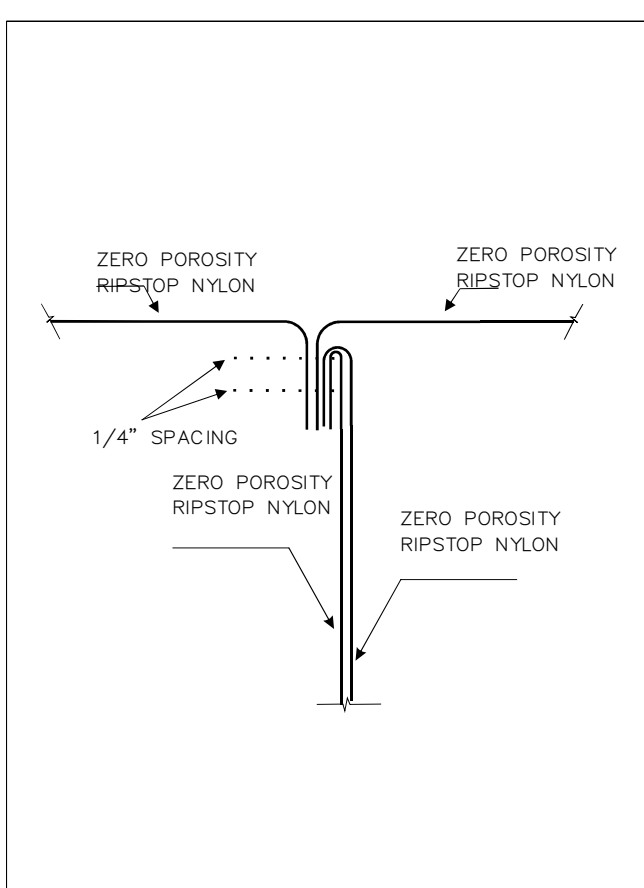
NOT FOR SCALE	PREPARED BY: R. ADIMURSITO, M.Eng.	DATE:	PARACHUTE INDONESIA Jl. Gading Griya Lestari Raya Blok H1 no. 43 Sukapura, Jakarta Utara 14140,	RIB #1	
	CHECKED BY:	DATE:		DRAWING:	REVISION:
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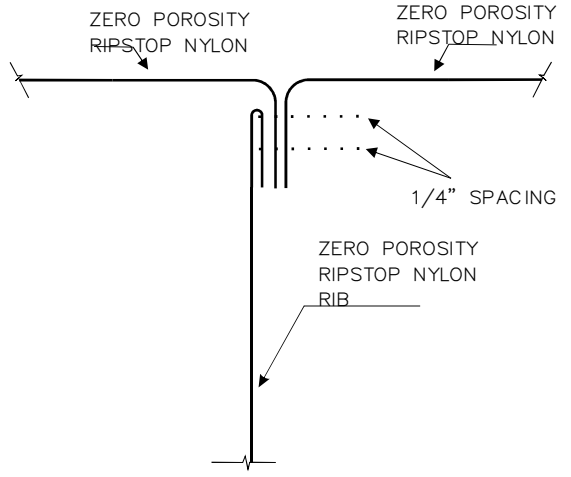
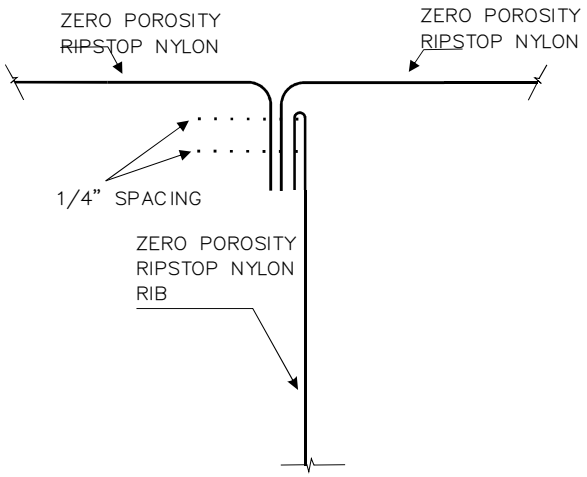
NOT FOR SCALE	PREPARED BY: R. ADIMURSITO, M.Eng.	DATE:	PARACHUTE INDONESIA Jl. Gading Griya Lestari Raya Blok H1 no. 43 Sukapura, Jakarta Utara 14140,	RIBS #24	
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	QC APPROVED:	DATE:		SCALE: NONE	SHEET:
	CONTRACT NO:				



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	CHECKED BY:	DATE:		DRAWING:	REVISION:
	QC APPROVED:	DATE:		SCALE: NONE	SHEET:
	CONTRACT NO:				



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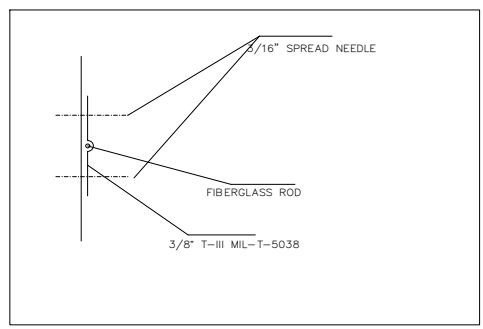
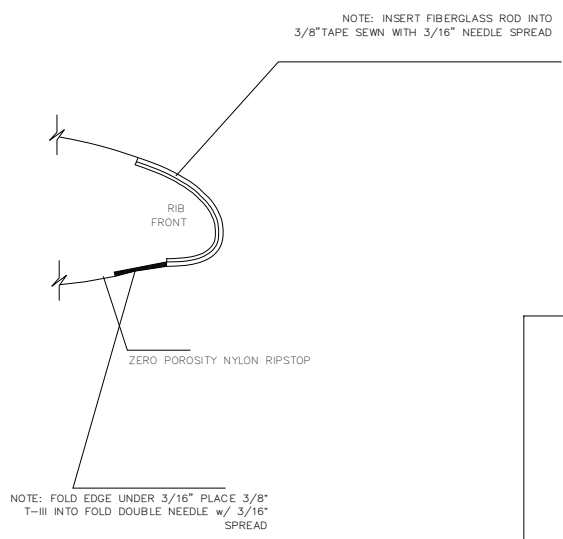


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PARACHUTE INDONESIA
 JL. Gading Griya Lestari Raya Blok H1 no. 43
 Sukapura, Jakarta Utara 14140,

NON LOAD BEARING DIAGONAL RIB TO TOP SKIN	
DRAWING:	REVISION:
SCALE: NONE	SHEET:

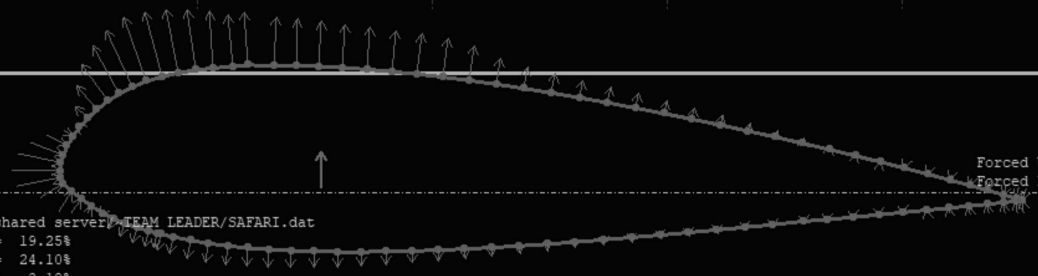
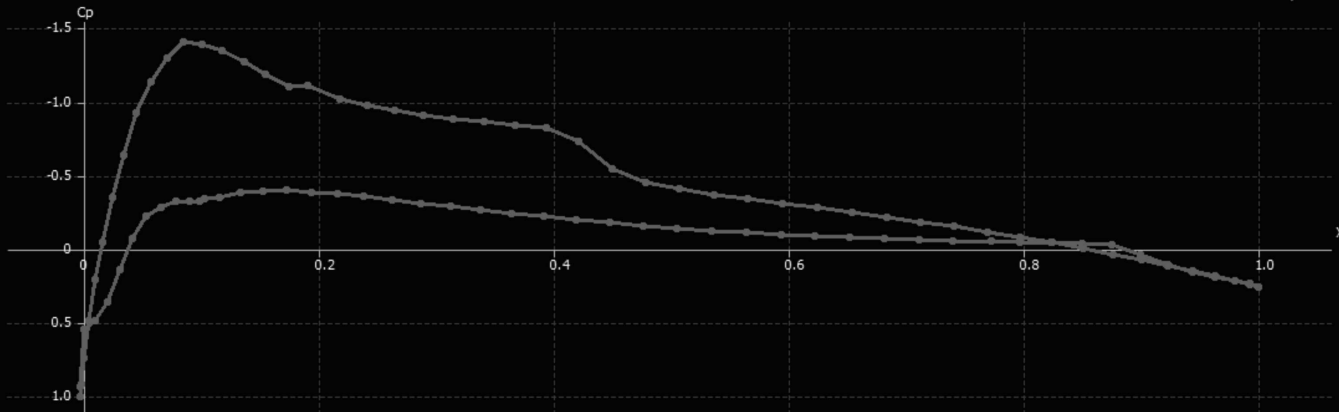


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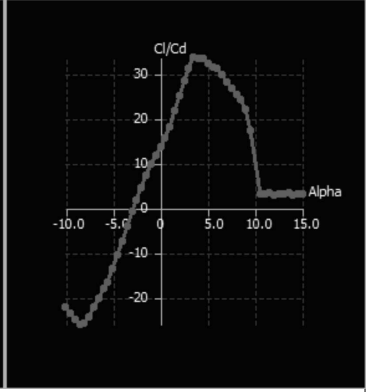
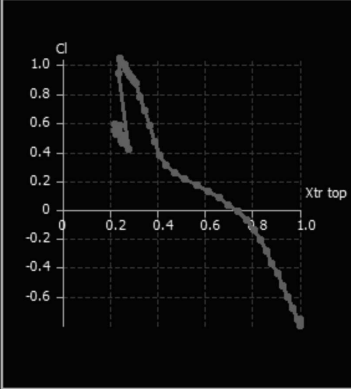
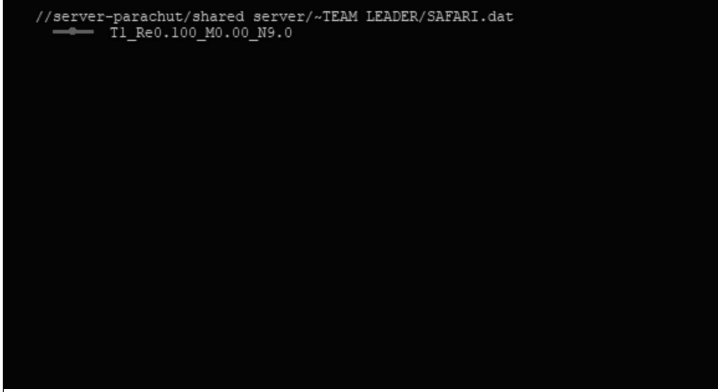
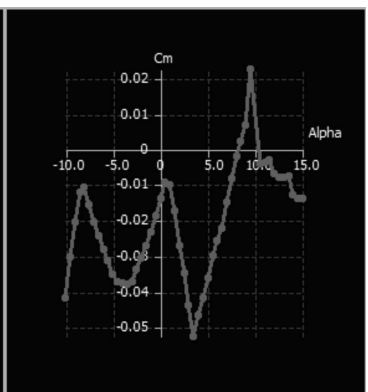
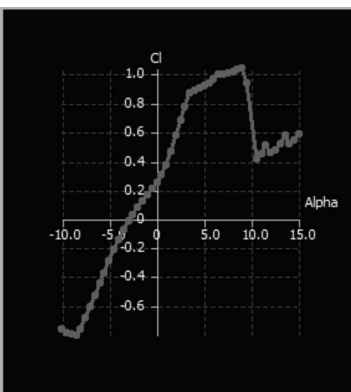
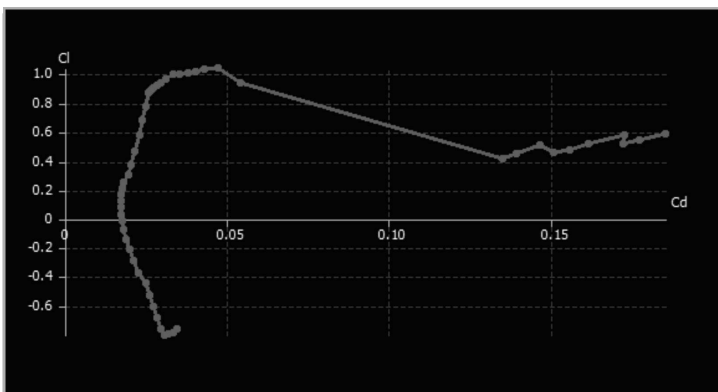
FIBERGLASS ATTACHMENT TO RIBS	
DRAWING:	REVISION:
SCALE: NONE	SHEET:



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 Max. Thick.pos. = 24.10%
 Max. Camber = 3.18%
 Max. Camber pos. = 13.66%
 Number of Panels = 99

Fixed speed polar
 Reynolds = 100 000
 Mach = 0.000
 Ncrit = 9.000
 Forced Upper Trans. = 1.000
 Forced Lower Trans. = 1.000
 Alpha = 1.00°
 Cl = 0.369
 Cm = -0.010
 Cd = 0.020
 L/D = 18.042
 Upper Trans. = 0.411
 Lower Trans. = 0.877

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	CHECKED BY:	DATE:		DRAWING:	REVISION:
	QC APPROVED:	DATE:		SCALE: NONE	SHEET:
	CONTRACT NO:				



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	CHECKED BY:	DATE:		DRAWING:	REVISION:
	QC APPROVED:	DATE:		SCALE: NONE	SHEET:
	CONTRACT NO:				