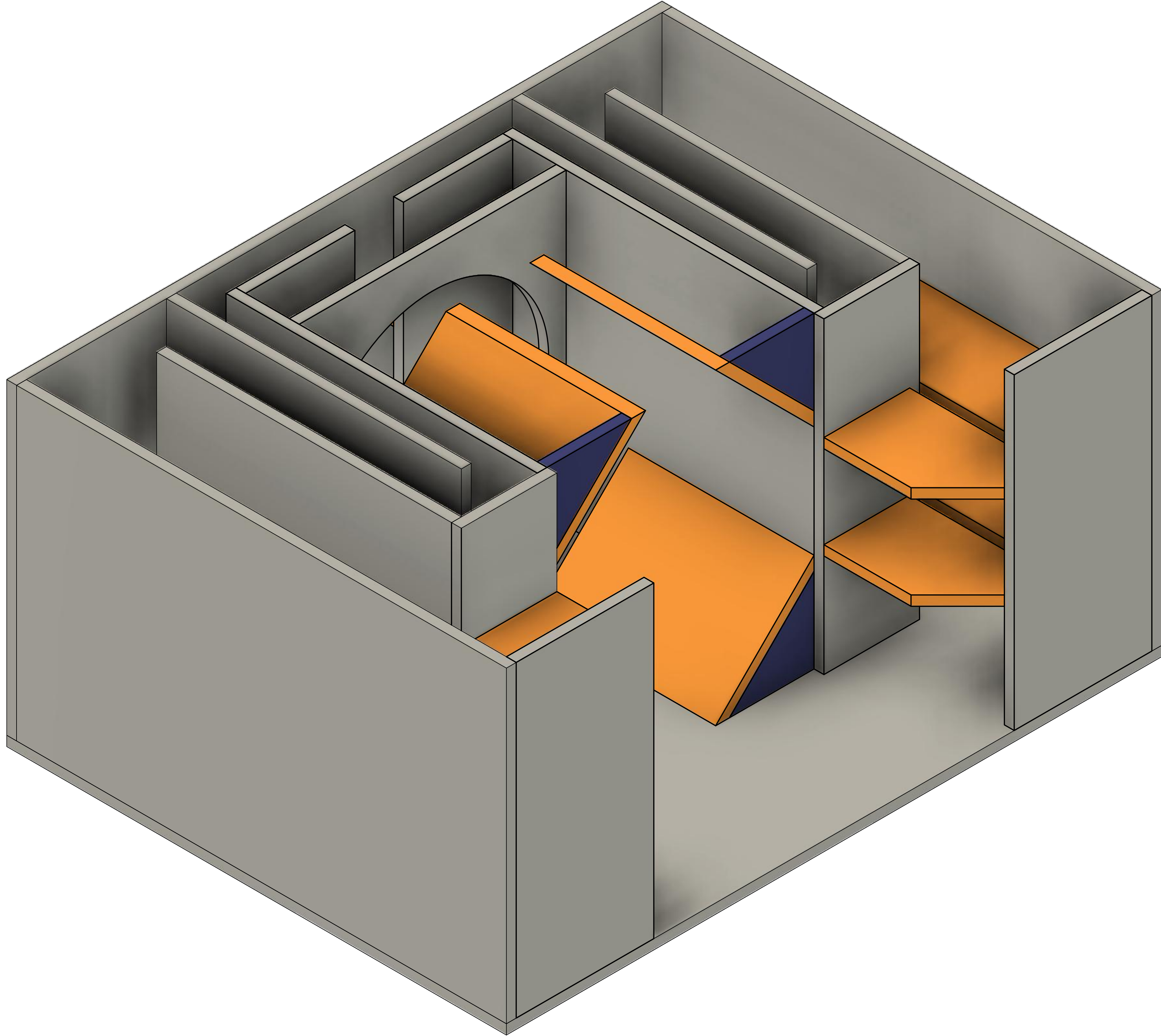


GOLDEN FORMULA PARAFLEX C-2E 1x18" SUBWOOFER



| RECOMMENDED DRIVERS | | |
|---------------------|--------------------|--------------------|
| B&C 18DS115 | B&C 18SW115 | 18SOUND 18NLW9600 |
| 18SOUND 18NLW9601 | 18SOUND 18NTLW5000 | 18SOUND 18NLW9601C |
| RCF LF18X451 | OBERTON 18XB1500 | OBERTON 18NXB1601 |

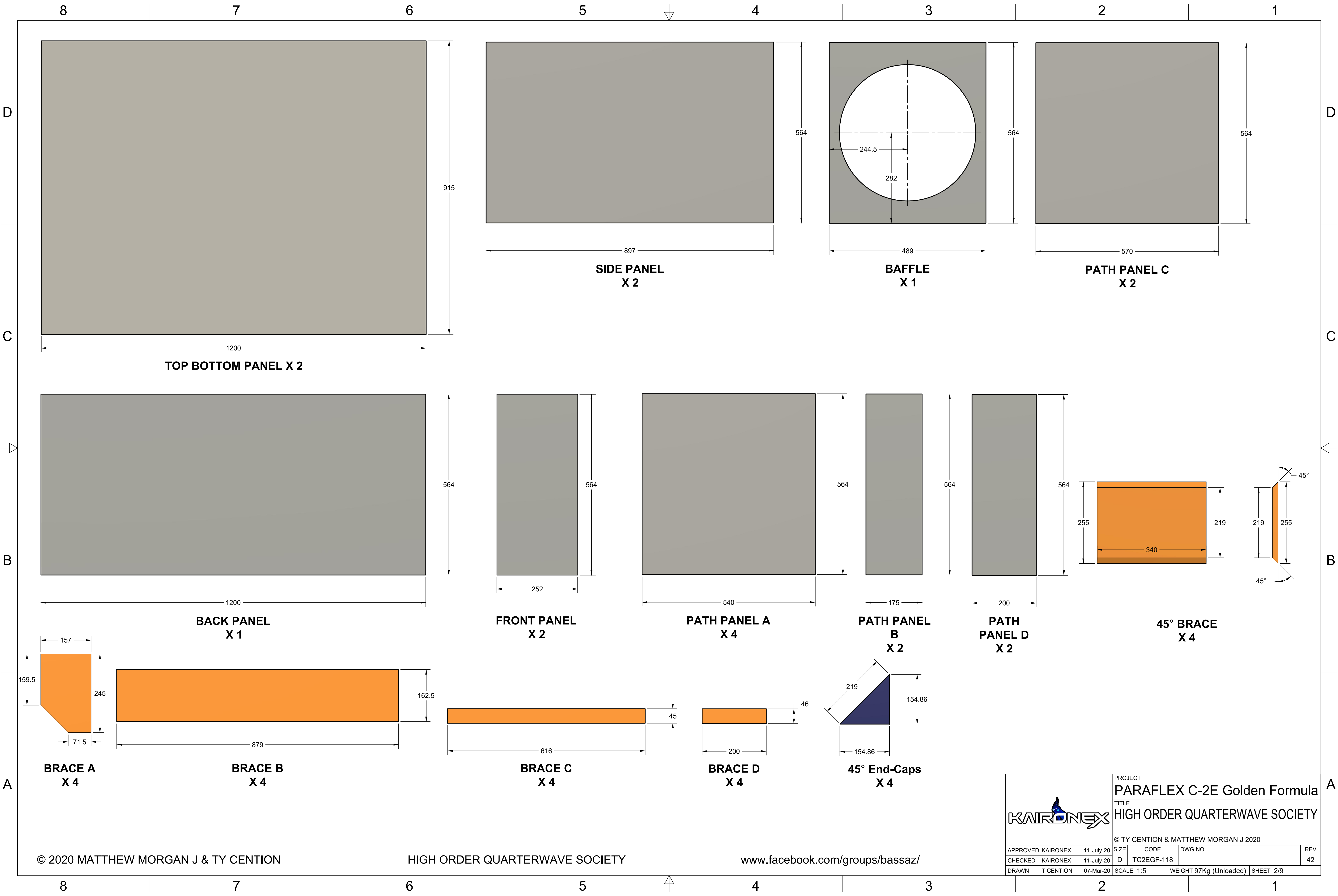
| ENTRY LEVEL DRIVERS | | |
|----------------------|----------------------|------------------|
| PD 185N02 | PD 1850 | PD 1851 |
| PD 1852 | B&C 18NW100 | LaVoce SAN184.50 |
| FaitalPro 18XL1600-4 | FaitalPro 18HW1070-4 | VOID V18-1000 |
| Beyma 18PW1400FE | | |


| REGIONAL DRIVERS | |
|--|--|
| SB ACOUSTICS NERO 18SW1100D AUSTRALIA/NEW ZEALAND | NEXUS EVO 18SW ("The Sound Guy") SOUTH AFRICA |

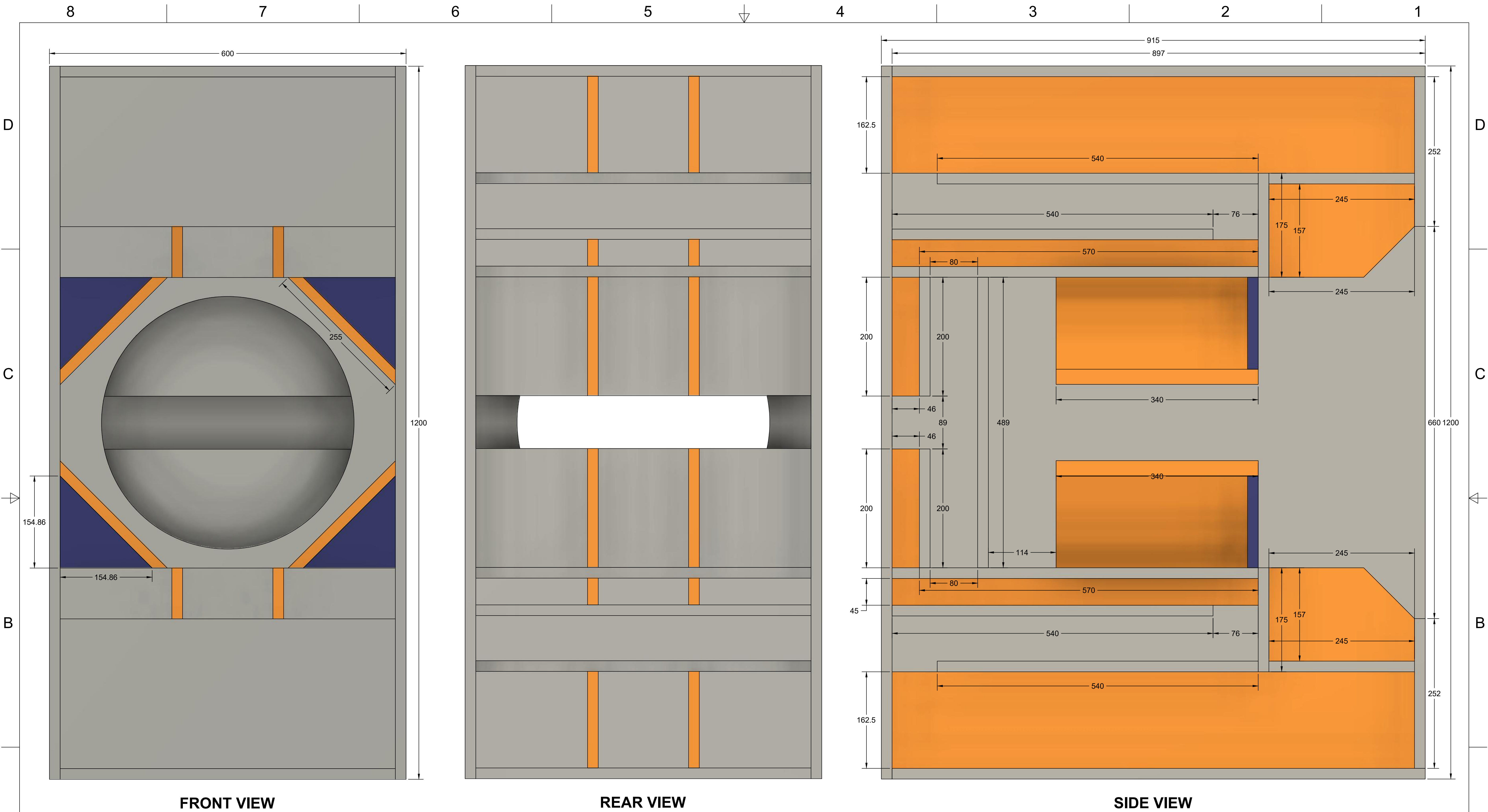
NOTES:

Frequency Range: 30Hz - 95Hz (Single)
Crossover: 24db/BW HPF: 27-28Hz
LPF: within 75-95Hz (Application specific)
Sensitivity @ 1M: 107dB SPL (35Hz-90Hz) (Avg)
Dimensions / Volume: 1200mm x 915mm x 600mm / 658 Litres Gross
Weight: 97Kg / 213Lbs (Calculated, unloaded)

| PARTS LIST | | | | |
|---|-----------|--------------------------------------|------------------------|------------|
| ITEM | QTY | PART NUMBER | DESCRIPTION | MATERIAL |
| 1 | 1 | TOP/BOTTOM PANEL | 1200MM X 915MM X 18MM | BIRCH PLY |
| 2 | 2 | SIDE PANEL | 897MM X 564MM X 18MM | BIRCH PLY |
| 3 | 1 | BACK PANEL | 1200MM X 564MM X 18MM | BIRCH PLY |
| 4 | 4 | PATH PANEL A | 540MM X 564MM X 18MM | BIRCH PLY |
| 5 | 2 | PATH PANEL B | 175MM X 564MM X 18MM | BIRCH PLY |
| 6 | 2 | PATH PANEL C | 570MM X 564MM X 18MM | BIRCH PLY |
| 7 | 2 | PATH PANEL D | 200MM X 564MM X 18MM | BIRCH PLY |
| 8 | 1 | BAFFLE | 489MM X 564MM X 18MM | BIRCH PLY |
| 9 | 4 | BRACE B | 162.5MM X 879MM X 18MM | BIRCH PLY |
| 10 | 4 | BRACE C | 45MM X 616MM X 18MM | BIRCH PLY |
| 11 | 4 | BRACE D | 200MM X 46MM X 18MM | BIRCH PLY |
| 12 | 4 | 45 DEGREE BRACE | 340MM X 255MM X 18MM | BIRCH PLY |
| 13 | 4 | 45 DEGREE END CAPS | ? ? ? | BIRCH PLY |
| 14 | 2 | FRONT PANELS | 252MM X 564MM X 18MM | BIRCH PLY |
| 15 | 4 | BRACE A | 157MM X 245MM X 18MM | BIRCH PLY |
|  | | PROJECT | | |
| | | PARAFLEX C-2E Golden Formula | | |
| | | TITLE | | |
| | | HIGH ORDER QUARTERWAVE SOCIETY | | |
| | | © TY CENTION & MATTHEW MORGAN J 2020 | | |
| | | | | |
| APPROVED | KAIRONEX | 11-July-20 | SIZE | CODE |
| CHECKED | KAIRONEX | 11-July-20 | D | TC2EGF-118 |
| DRAWN | T.CENTION | 07-Mar-20 | SCALE | 1:3 |
| | | WEIGHT 97Kg (Unloaded) | | SHEET 1/9 |
| | | | | REV 42 |



| | | | | | |
|---|------------|-----------|--------------------------------------|-----------|-----|
|  | | | PROJECT | | |
| | | | PARAFLEX C-2E Golden Formula | | |
| | | | TITLE | | |
| | | | HIGH ORDER QUARTERWAVE SOCIETY | | |
| | | | © TY CENTION & MATTHEW MORGAN J 2020 | | |
| APPROVED KAIRONEX | 11-July-20 | SIZE | CODE | DWG NO | REV |
| CHECKED KAIRONEX | 11-July-20 | D | TC2EGF-118 | | 42 |
| DRAWN T.CENTION | 07-Mar-20 | SCALE 1:5 | WEIGHT 97Kg (Unloaded) | SHEET 2/9 | |




FRONT VIEW

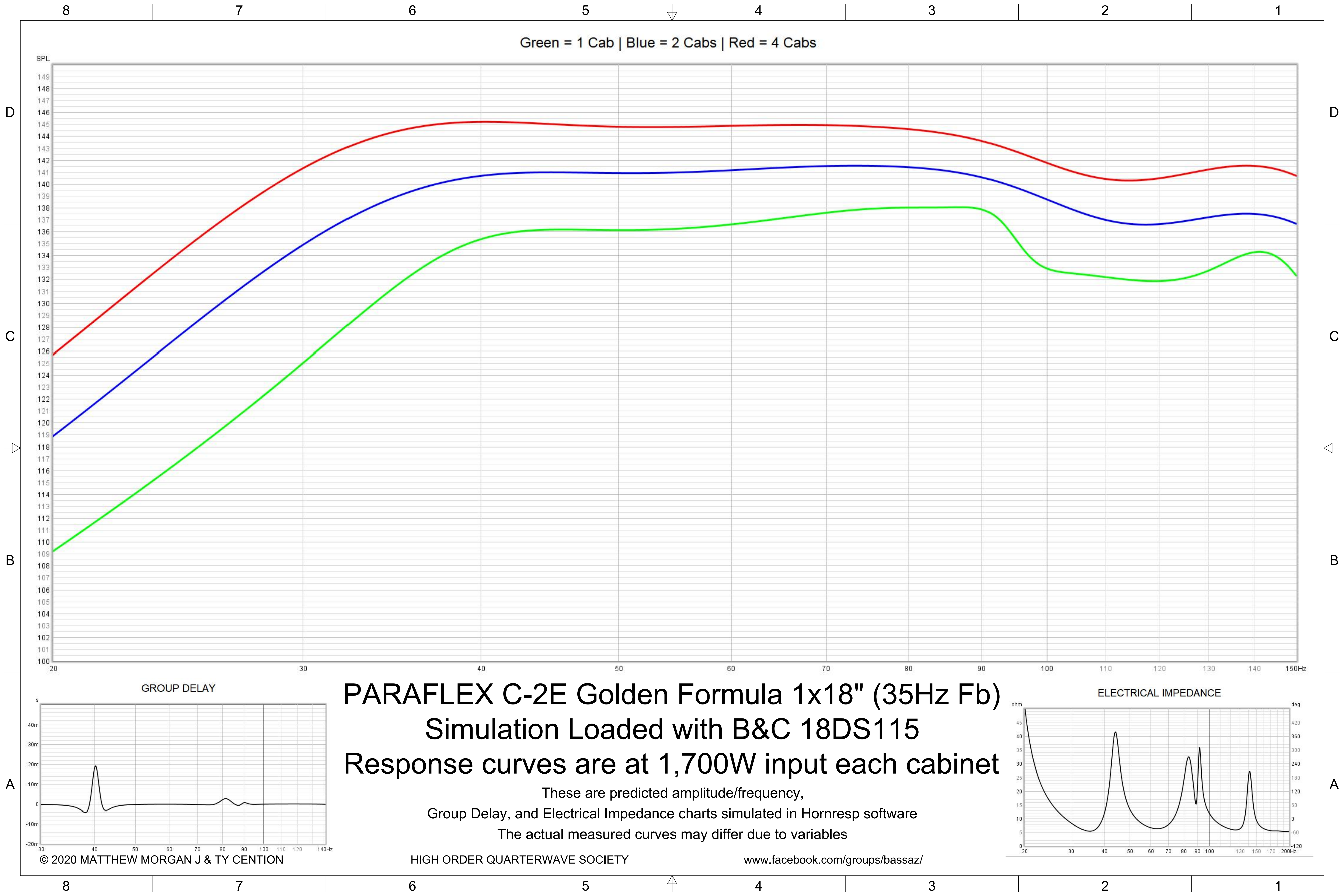
REAR VIEW

SIDE VIEW

A

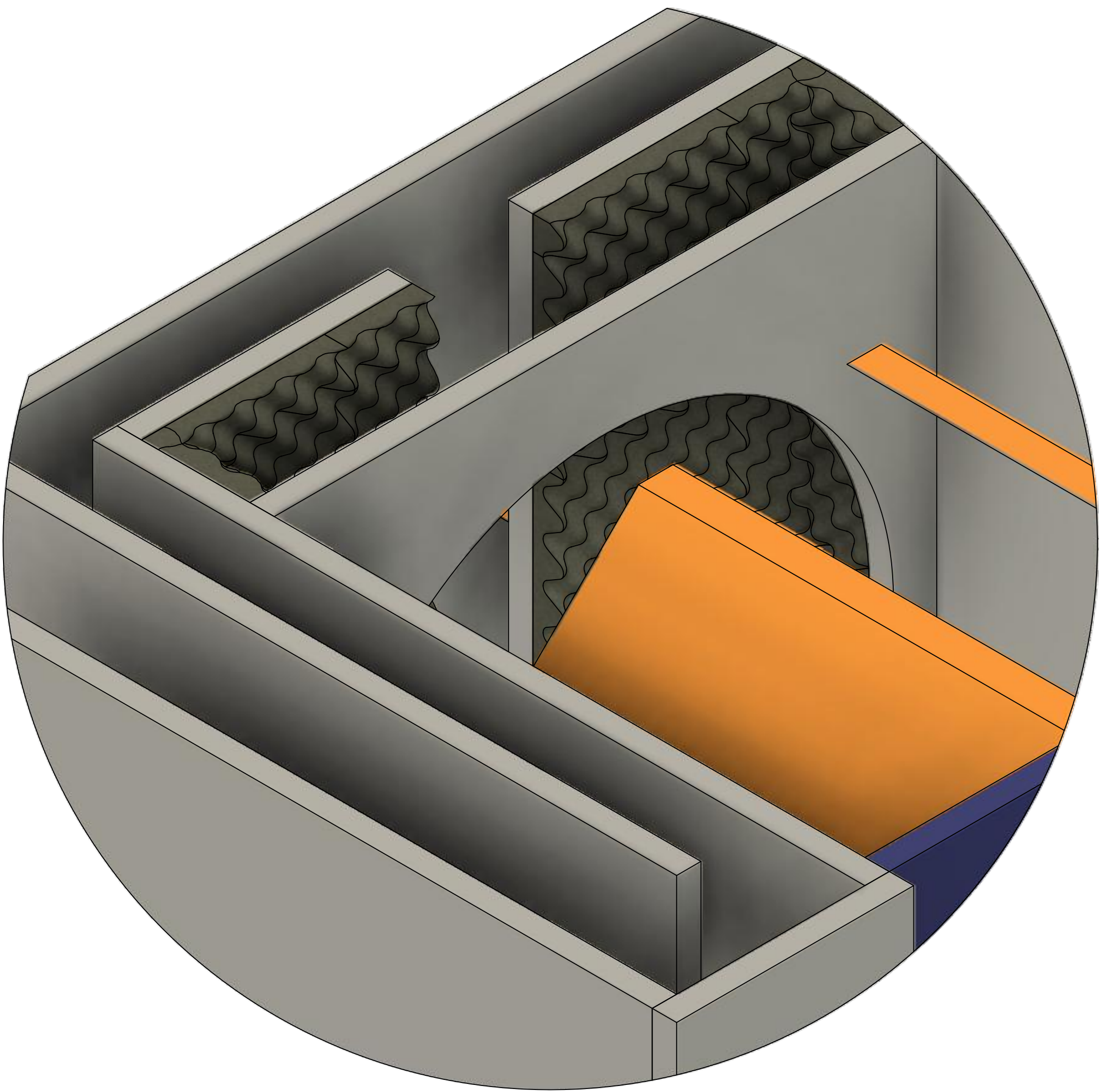
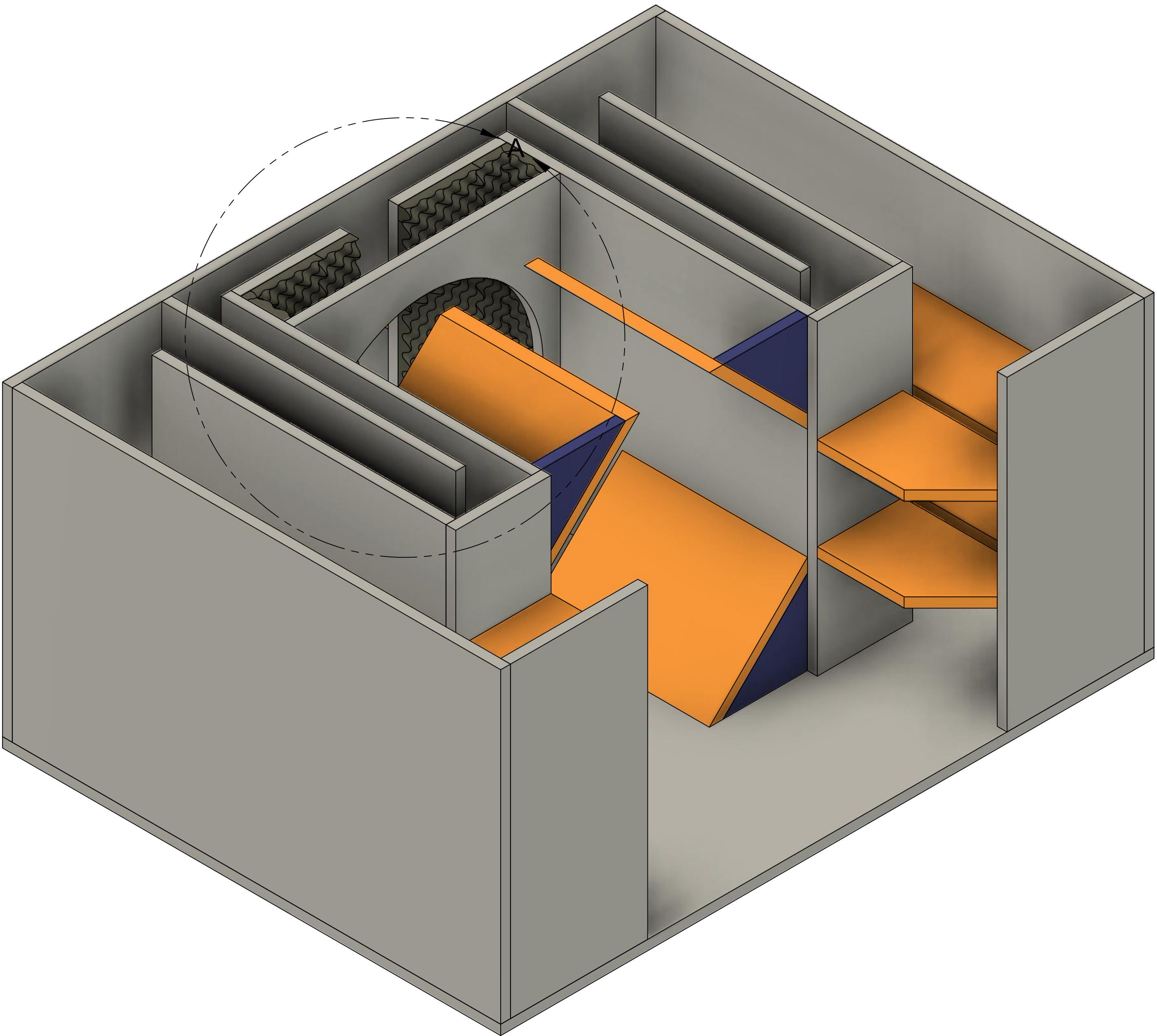
A

| | | | | | | | |
|---|--|------------|--|--------------------------------------|------------|------------------------|-----------|
|  | | | | PROJECT | | | |
| | | | | PARAFLEX C-2E Golden Formula | | | |
| | | | | TITLE | | | |
| | | | | HIGH ORDER QUARTERWAVE SOCIETY | | | |
| | | | | © TY CENTION & MATTHEW MORGAN J 2020 | | | |
| APPROVED KAIRONEX | | 11-July-20 | | SIZE | CODE | DWG NO | |
| CHECKED KAIRONEX | | 11-July-20 | | D | TC2EGF-118 | | |
| DRAWN T.CENTION | | 07-Mar-20 | | SCALE 1:3 | | WEIGHT 97Kg (Unloaded) | SHEET 3/9 |



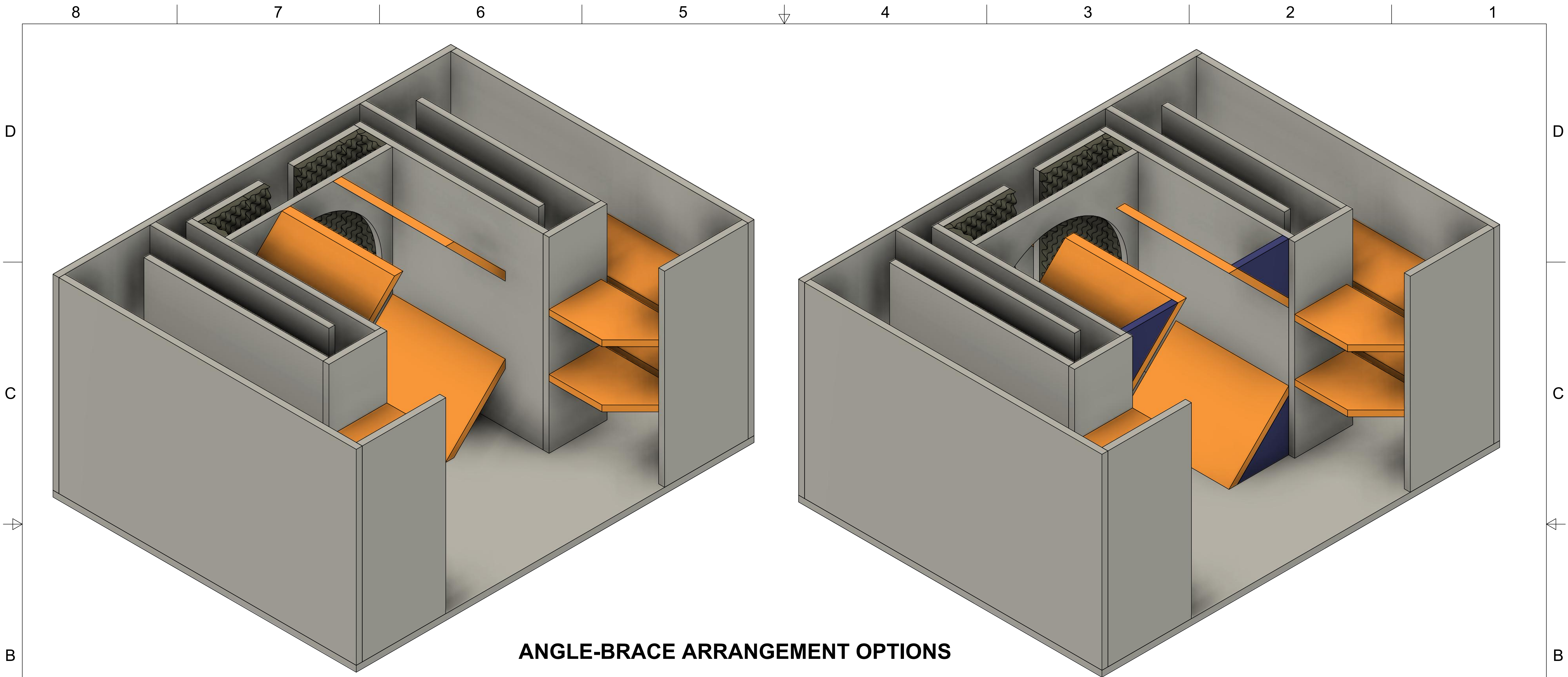
IT IS RECOMMENDED TO ADD DAMPING MATERIAL
TO THE THROAT CHAMBER

SUCH AS OPEN-CELL ACOUSTIC FOAM OR THICK POLY-FIBERFILL SHEETS OR BATTING SECURED INTO
PLACE



DETAIL A
SCALE 1:2

| | | | | | |
|---|------------|--------------------------------|------------|------------------------|-----------|
|  | | PROJECT | | | |
| | | PARAFLEX C-2E Golden Formula | | | |
| | | TITLE | | | |
| | | HIGH ORDER QUARTERWAVE SOCIETY | | | |
| © TY CENTION & MATTHEW MORGAN J 2020 | | | | | |
| APPROVED KAIRONEX | 11-July-20 | SIZE | CODE | DWG NO | REV |
| CHECKED KAIRONEX | 11-July-20 | D | TC2EGF-118 | | 42 |
| DRAWN T.CENTION | 07-Mar-20 | SCALE 1:4 | | WEIGHT 97Kg (Unloaded) | SHEET 5/9 |



ANGLE-BRACE ARRANGEMENT OPTIONS

MULLINS MOD


THE MULLINS-MOD STYLE ANGLE-BRACE ARRANGEMENT IS RECOMMENDED WHEN PLANNING TO USE THIS CABINET'S EXTENDED BANDWIDTH BEYOND 90HZ AND INCREASED COHERENCE IN THE CABINET'S UPPER BANDWIDTH IS A HIGH PRIORITY

THIS INVOLVES LEAVING THE 45 DEGREE BRACES UNCAPPED (OPEN) AT THE FRONT AND SHIFTING THE ANGLE-BRACES BACK IN ORDER TO CONNECT & SEAL WITH THE DRIVER'S BAFFLE. THIS CREATES A GEOMETRY THAT SMOOTHS & IMPROVES THE CABINET'S UPPER RESPONSE & PHASE BEHAVIOR.

FOLDED HIGH-TUNE RESONATOR

THE FOLDED HIGH-TUNED RESONATOR STYLE OF ANGLE-BRACE ARRANGEMENT IS RECOMMENDED IF YOU DO NOT PLAN TO USE THE CABINET OVER 90HZ AND DESIRE A GENERAL GAIN IN PERFORMANCE BELOW 80HZ

THIS IS THE ANGLE-BRACE CONFIGURATION THAT WE SEE FEATURED IN THE PLAN'S DEPICTIONS

| | | | | | |
|---|------------|--------------------------------|------------------------|--------|-----------|
|  | | PROJECT | | | |
| | | PARAFLEX C-2E Golden Formula | | | |
| | | TITLE | | | |
| | | HIGH ORDER QUARTERWAVE SOCIETY | | | |
| © TY CENTION & MATTHEW MORGAN J 2020 | | | | | |
| APPROVED KAIRONEX | 11-July-20 | SIZE | CODE | DWG NO | REV |
| CHECKED KAIRONEX | 11-July-20 | D | TC2EGF-118 | | 42 |
| DRAWN T.CENTION | 07-Mar-20 | SCALE 1:4 | WEIGHT 97Kg (Unloaded) | | SHEET 6/9 |

D

C

B

A

D

C

B


A

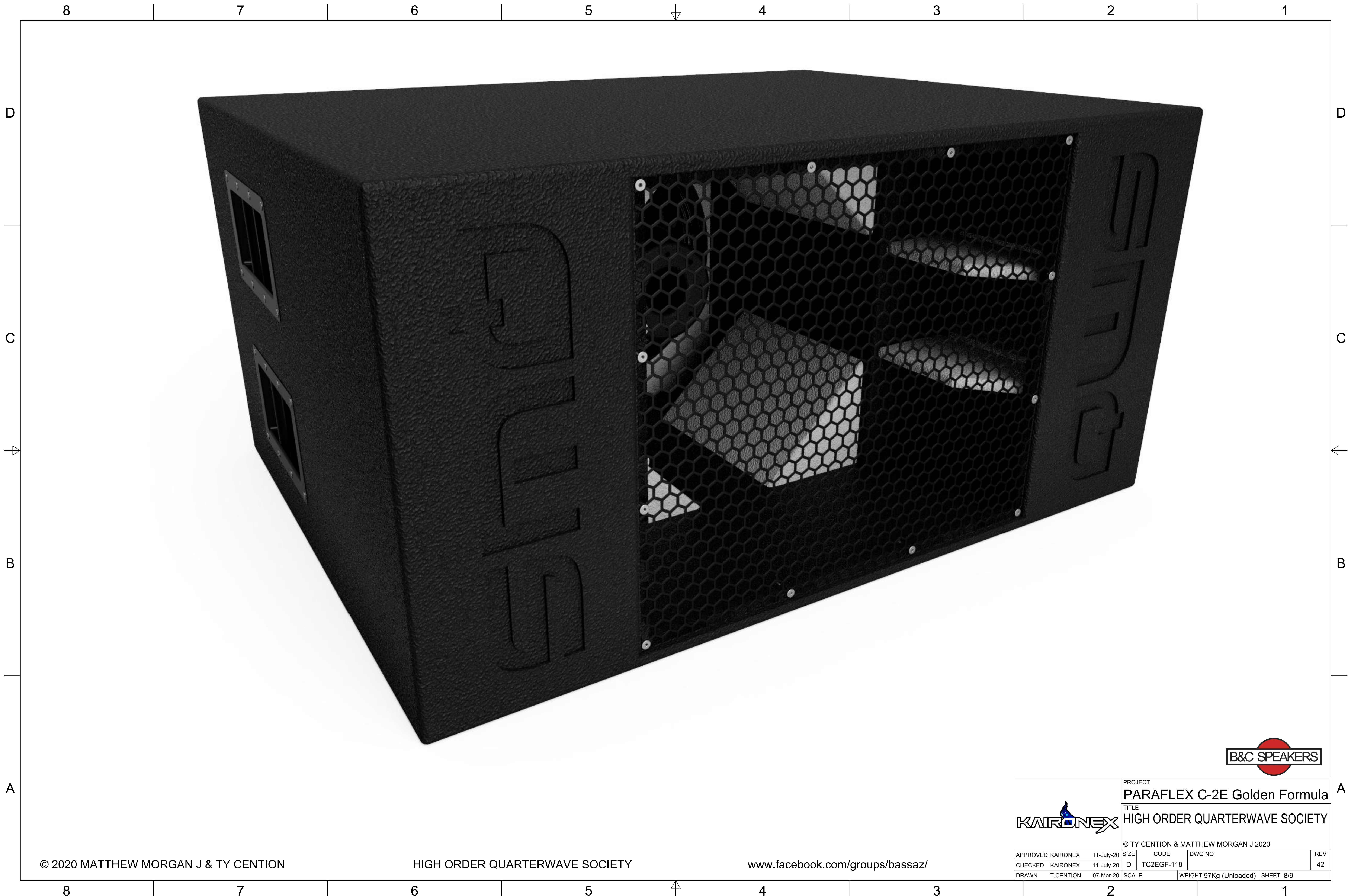
With special thanks to the founders


**Matthew Morgan J
Dustin Morgan
and J.R Vansickle**

Additional thanks and contributions

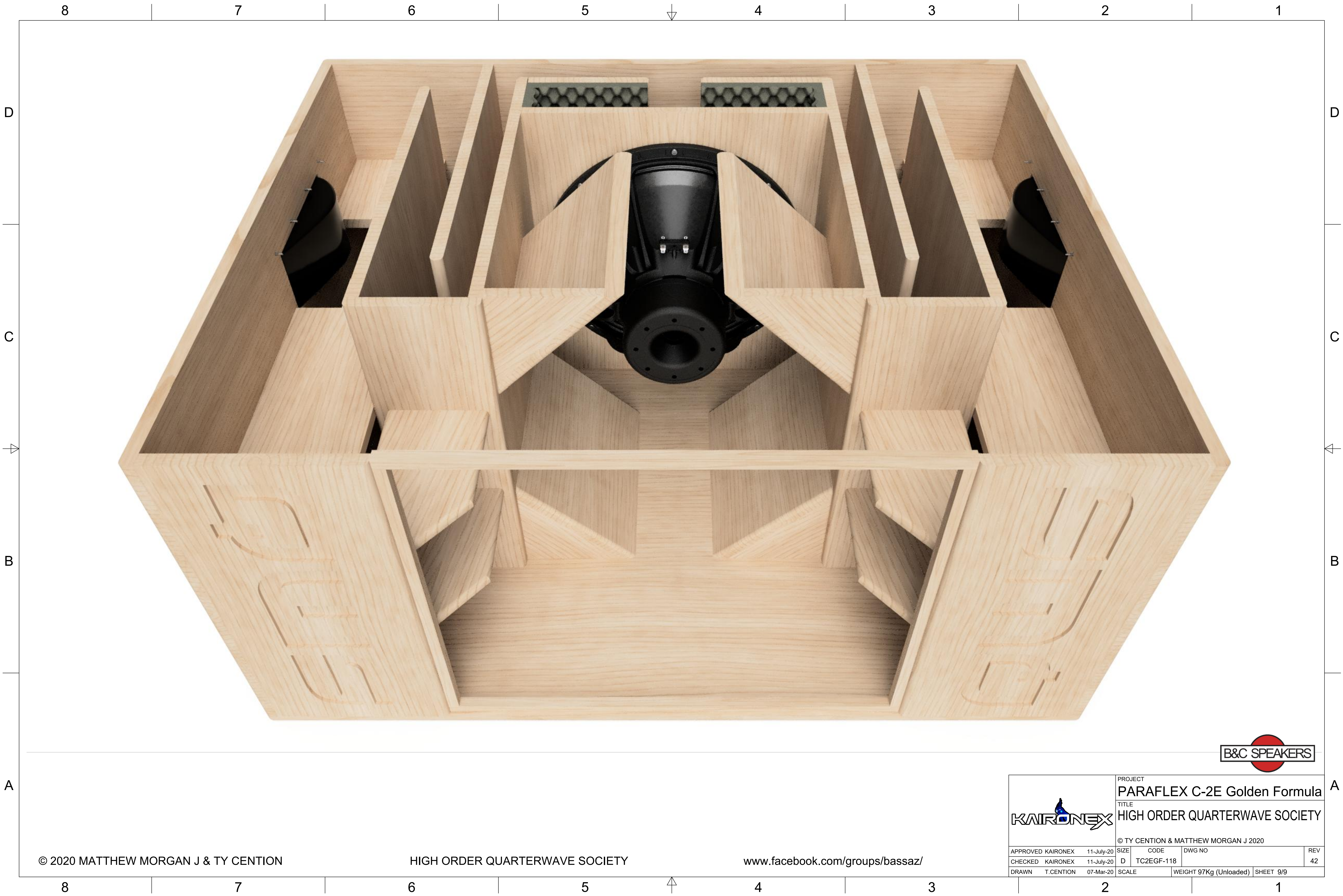
**Plippie Plop (USRFobiwan)
Bradley Katz
Casey Raynes
Dap Kosmik
Josh Mullins
Altaph Mohammed
Jason Geban
and Phil Racki**


| | | | | | |
|---|-----------|------------|--------------------------------------|------------------------|-----------|
|  | | | PROJECT | | |
| | | | PARAFLEX C-2E Golden Formula | | |
| | | | TITLE | | |
| | | | HIGH ORDER QUARTERWAVE SOCIETY | | |
| | | | © TY CENTION & MATTHEW MORGAN J 2020 | | |
| APPROVED | KAIRONEX | 11-July-20 | SIZE | CODE | DWG NO |
| CHECKED | KAIRONEX | 11-July-20 | D | TC2EGF-118 | |
| DRAWN | T.CENTION | 07-Mar-20 | SCALE | WEIGHT 97Kg (Unloaded) | SHEET 7/9 |



| | | | | | |
|---|-----------|------------|--------------------------------------|------------------------|-----------|
|  | | | PROJECT | | |
| | | | PARAFLEX C-2E Golden Formula | | |
| | | | TITLE | | |
| | | | HIGH ORDER QUARTERWAVE SOCIETY | | |
| | | | © TY CENTION & MATTHEW MORGAN J 2020 | | |
| APPROVED | KAIRONEX | 11-July-20 | SIZE | CODE | DWG NO |
| CHECKED | KAIRONEX | 11-July-20 | D | TC2EGF-118 | |
| DRAWN | T.CENTION | 07-Mar-20 | SCALE | WEIGHT 97Kg (Unloaded) | SHEET 8/9 |





| | | | | | | | |
|---|-----------|------------|-------|--------------------------------------|--------|-----------|-----|
|  | | | | PROJECT | | | |
| | | | | PARAFLEX C-2E Golden Formula | | | |
| | | | | TITLE | | | |
| | | | | HIGH ORDER QUARTERWAVE SOCIETY | | | |
| | | | | © TY CENTION & MATTHEW MORGAN J 2020 | | | |
| APPROVED | KAIRONEX | 11-July-20 | SIZE | CODE | DWG NO | | REV |
| CHECKED | KAIRONEX | 11-July-20 | D | TC2EGF-118 | | | 42 |
| DRAWN | T.CENTION | 07-Mar-20 | SCALE | WEIGHT 97Kg (Unloaded) | | SHEET 9/9 | |