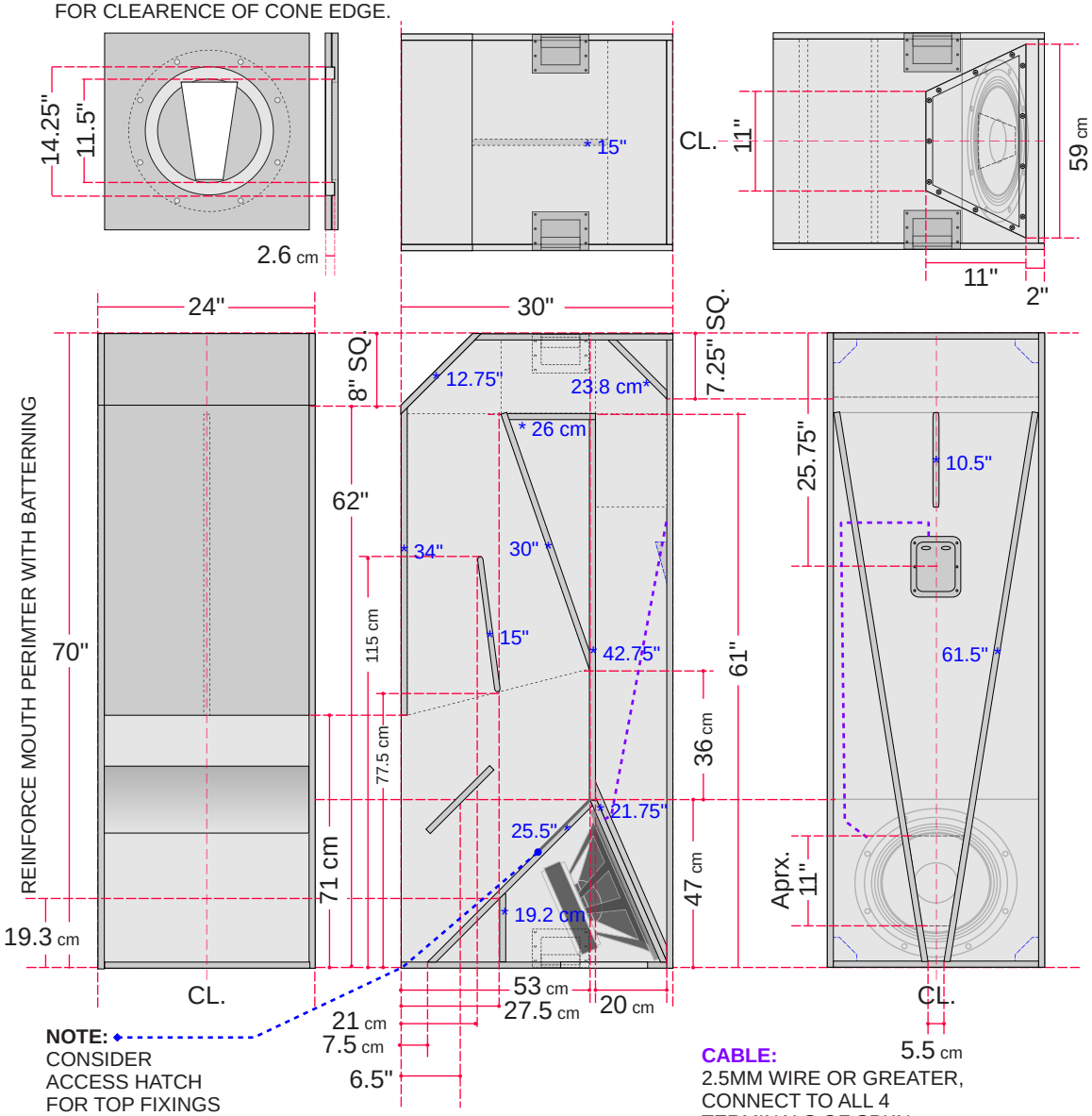
MONOLITH SUBWOOFER
BETA REVISION No.1

EST. MEASUREMENTS,
RECHECK DRIVERS MAX EXCURSION
FOR CLEARENCE OF CONE EDGE.



NOTE:
CONSIDER
ACCESS HATCH
FOR TOP FIXINGS
(NOT ESSENTIAL).

CABLE:
2.5MM WIRE OR GREATER,
CONNECT TO ALL 4
TERMINALS OF SPKN.
AFFIX CABLE TO WALL &
GLUE IN PLACE.

ACCESS HATCH:
2-3MM THICK
ALU. PANEL.
(REINFORCE WITH BRACING)

INSET MARGIN
BY AT LEAST 3/4".
ALLOW FLANGE WIDTH
FOR DRIVER
ACCESS.
REINFORCE PANEL
PERIMETER.

USE M6 T NUTS
& FLUSH BEV.
HEAD A. KEY
FIXINGS.

HARDWARE:

(4X)
PENN FABRICATION.
H1105/90
CORNER BAR HANDLE.

(1X)
ADAM HALL.
87160
RECESSED SPEAKON PANEL.

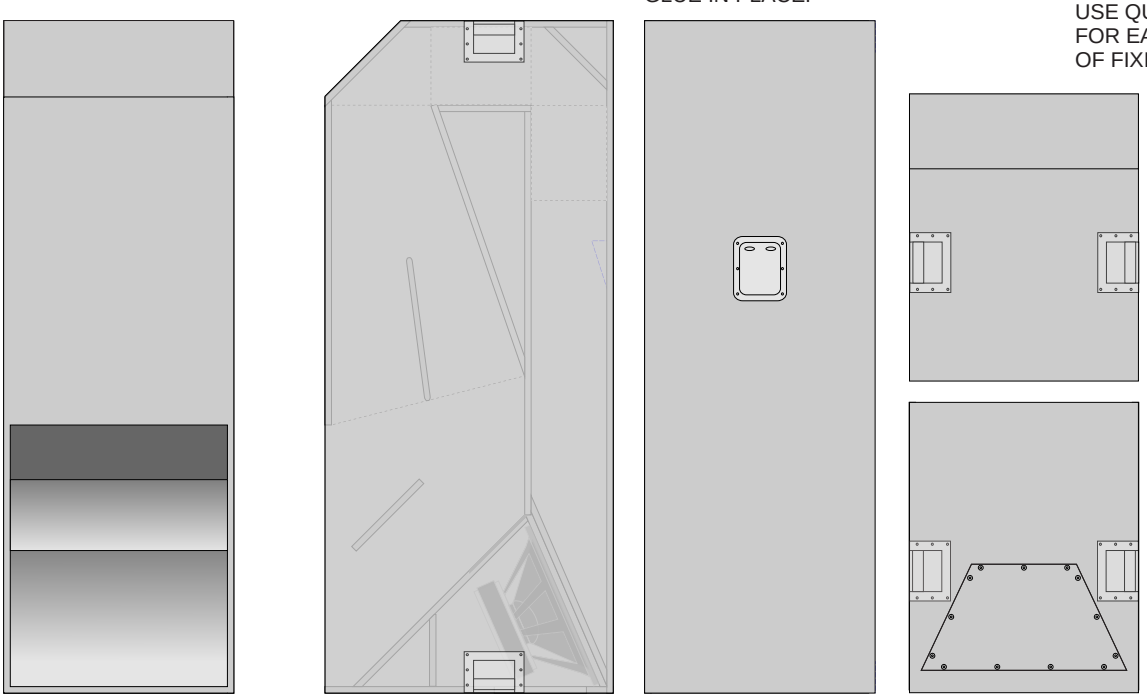
CHECK ACTUAL H/W.
MEASUREMENTS
FOR FITTING &
ROUTER TEMPLATES.

RECESS H/W.
BY AMMOUNT NEEDED
TO PREVENT FIXINGS
FROM COMING INTO
CONTACT WITH
ENVIROMENT.

PREFERABLY USE
COUNTERSUNK OR
DOMED.
MACHINE HEX FIXINGS
& T-NUTS

DRIVER MOUNT:
SANDWICH M6 T-NUTS
BETWEEN TWO LAYERS
OF PLY.

USE QUALITY HEX FIXINGS
FOR EASE
OF FIXING & REMOVAL.



DRIVER IS:
Royal LS.
Turbomax 1200i.
(obselete)

other Royal 18"s
should work fine.
(poss. 1500/1800)

BLUE:
MEASUREMENTS
IN BLUE ARE
SECONDARY TO
BLACK.
THEY ARE A
SHEET CUTTING
GUIDE.

MOST ANGLES
ARE 45 & 90.

É 2008 NINELEAVES.
FREE FOR PERSONAL USE, NOT FOR BUILDING WITH THE INTENT TO RESELL.

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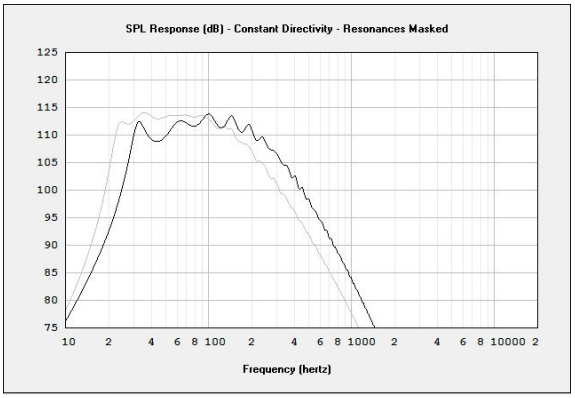
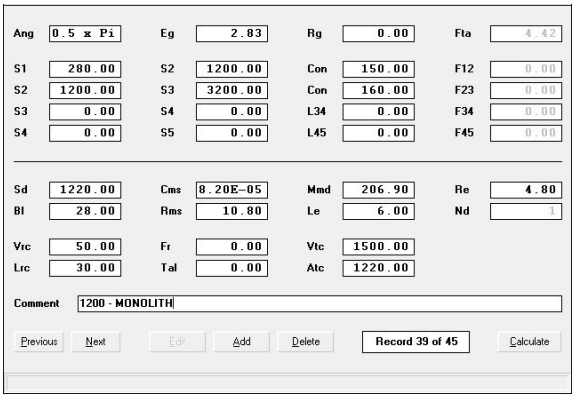
trace:
single cab in corner

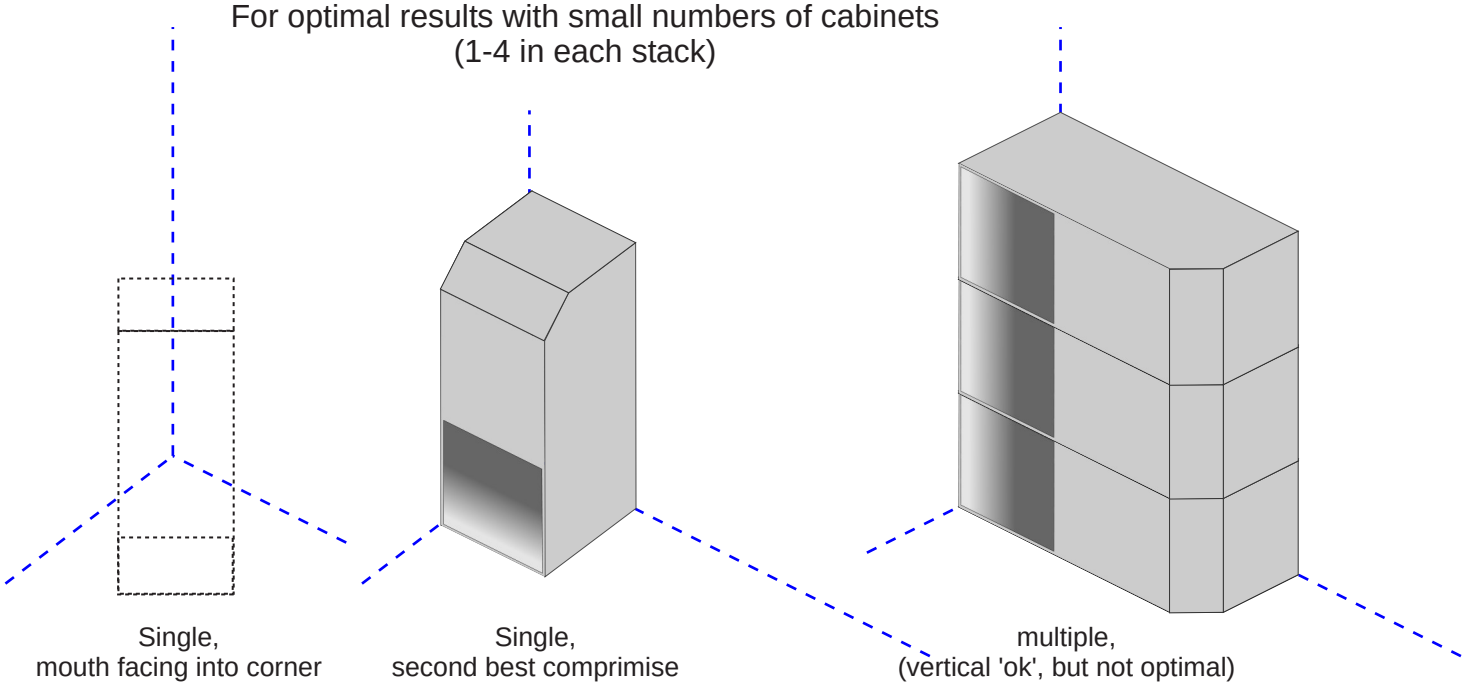
greyed out trace:
an aproximation of a stack operating near ideal.



A crewd model of the horn in hornresp
(does not account for all the accoustic effects involved)



Corner Placements:
For optimal results with small numbers of cabinets
(1-4 in each stack)



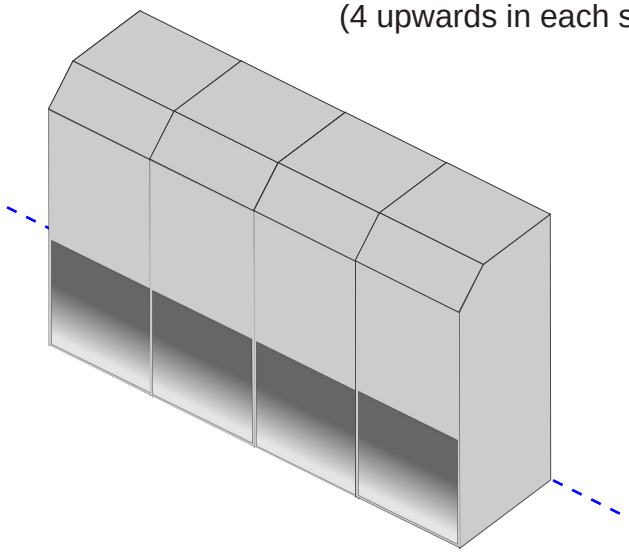
Single,
mouth facing into corner
(experiment for best results)

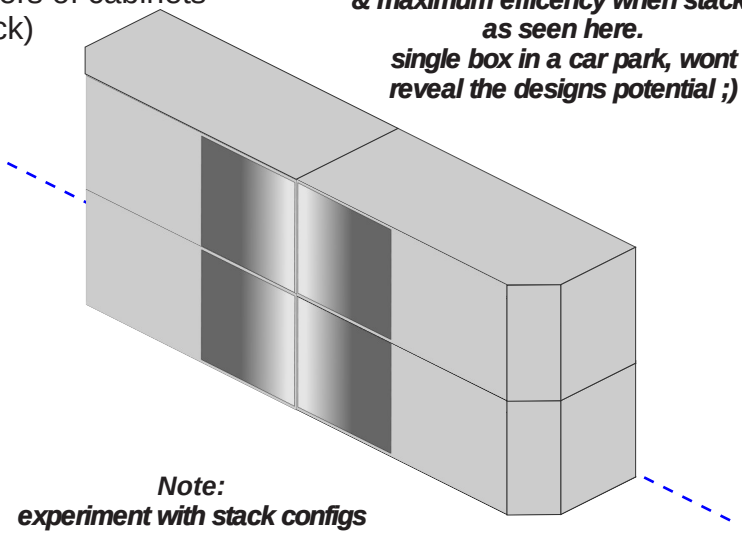
Single,
second best comprimise
(horizontal ok as a 3rd)

multiple,
(vertical 'ok', but not optimal)

Wall/Outdoor Placements:
For optimal results with small numbers of cabinets
(4 upwards in each stack)

Note:
cabinet designed for best results
& maximum efficency when stacked
as seen here.
single box in a car park, wont
reveal the designs potential ;)





Note:
experiment with stack configs
for best results.

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