EMPTY ROOM

THE CABINET WILL BE
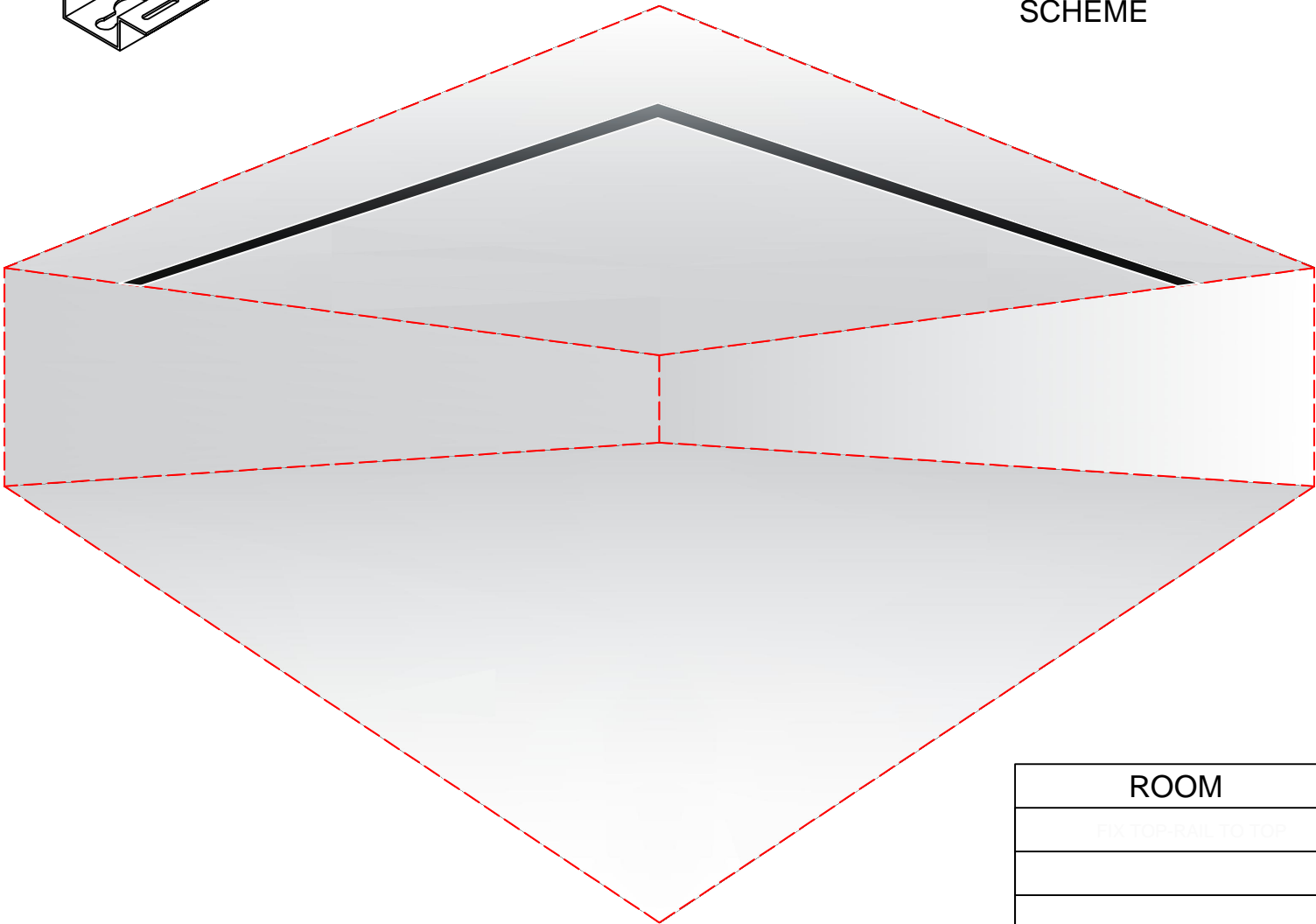SET IN THIS CORNER
ROOM

ROOM	
	FIG 1

TOP RAIL
PROFILE

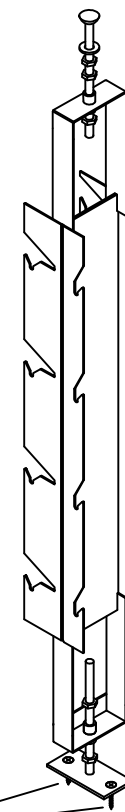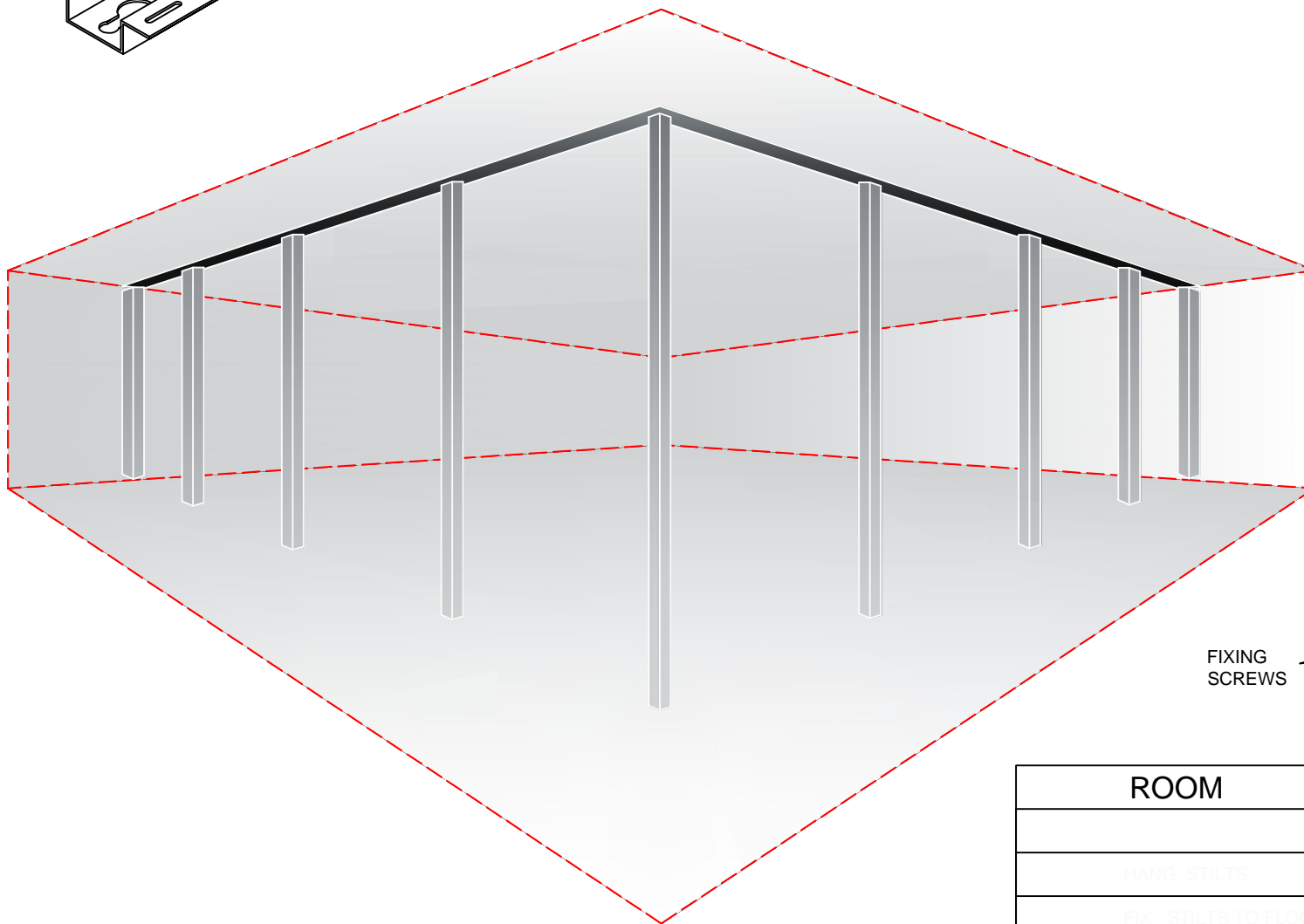FIX THE RAIL TO THE CEILLING
FOLLOWING THE PROJECT
SCHEME
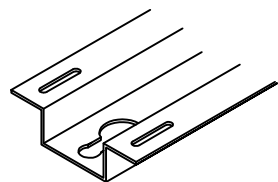
ROOM	
FIX TOP RAIL TO TOP	
	FIG 2
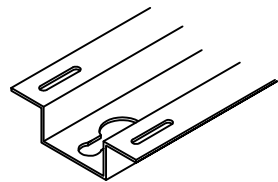
TOP RAIL
PROFILE

HANG THE STILTS AND FIX THEM.
THEY WILL SELF ALIGN

FIXING
SCREWS

STILT

ROOM

FIG 3

TOP RAIL
PROFILE
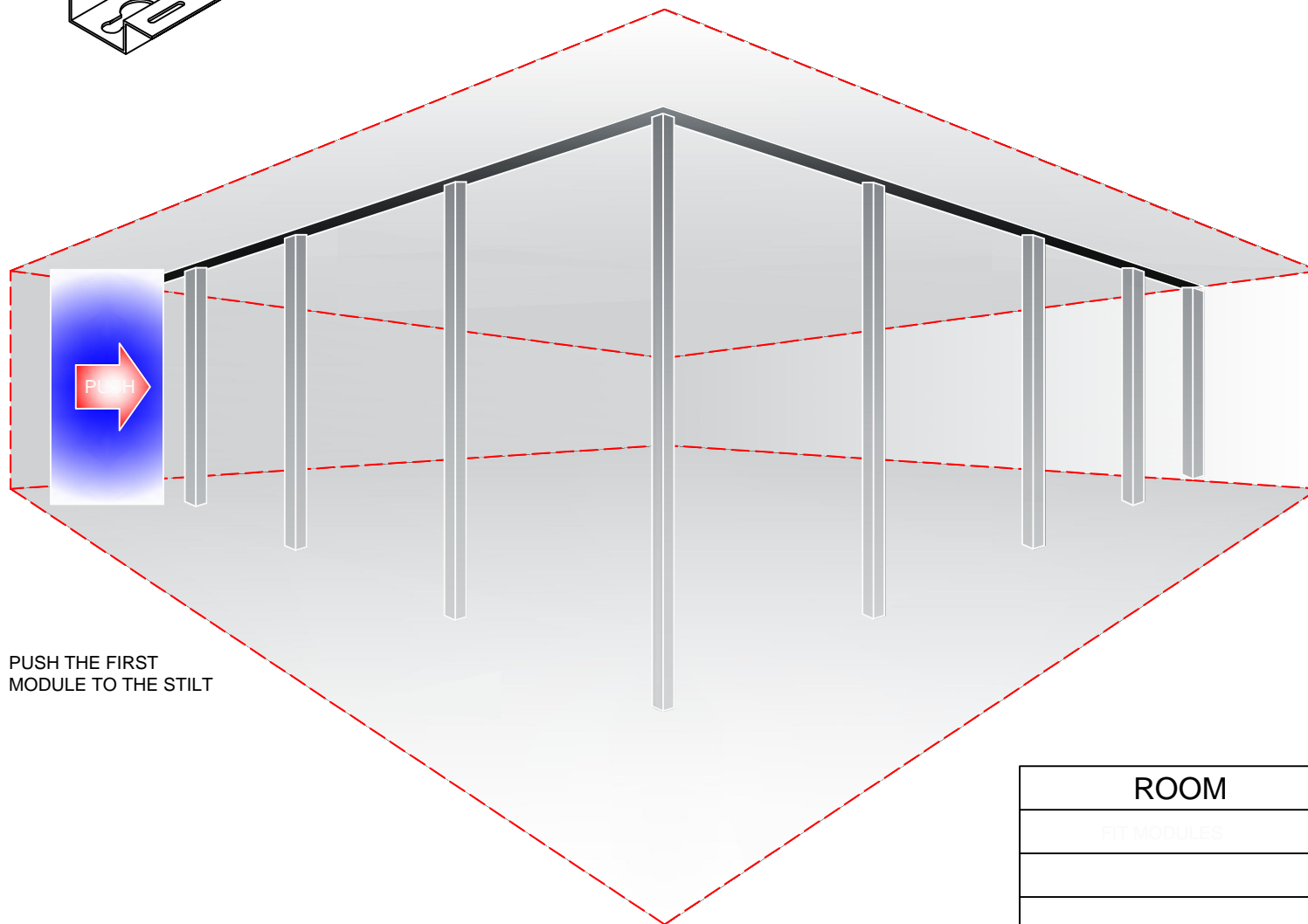
PUSH

PUSH THE FIRST
MODULE TO THE STILT
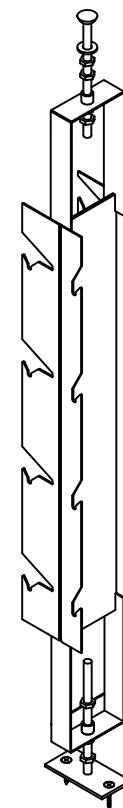
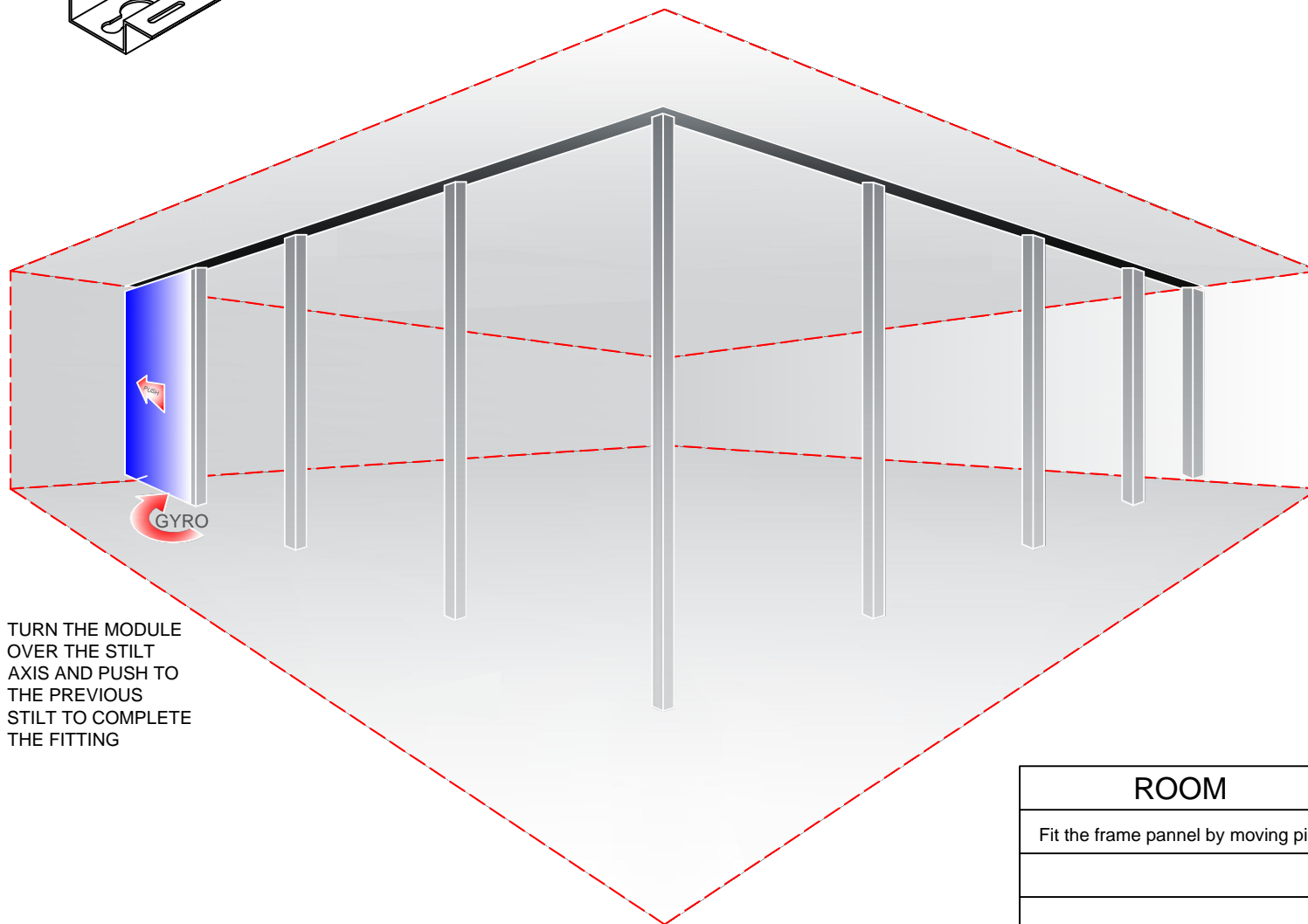STILT

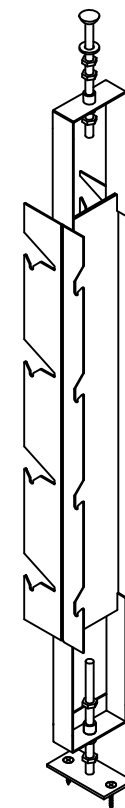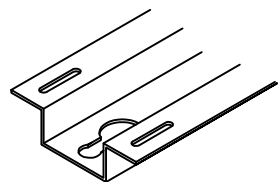| ROOM	
FIT MODULES	
	FIG 4

TOP RAIL
PROFILE

PUSH

GYRO
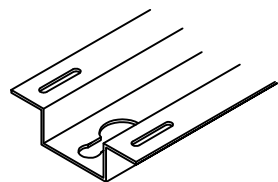
TURN THE MODULE
OVER THE STILT
AXIS AND PUSH TO
THE PREVIOUS
STILT TO COMPLETE
THE FITTING

STILT

ROOM	
Fit the frame pannel by moving pins to sockets	
	FIG 5

TOP RAIL
PROFILE

THE MOVEMENT
WILL BE THE SAME
FOR EVERY
MODULE, EVEN
WHEN PARTITION
OR CORNER

PUSH

GYRO

PUSH

GYRO

PUSH

GYRO

PUSH

GYRO
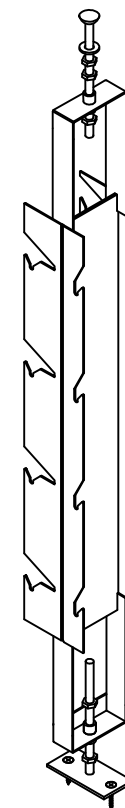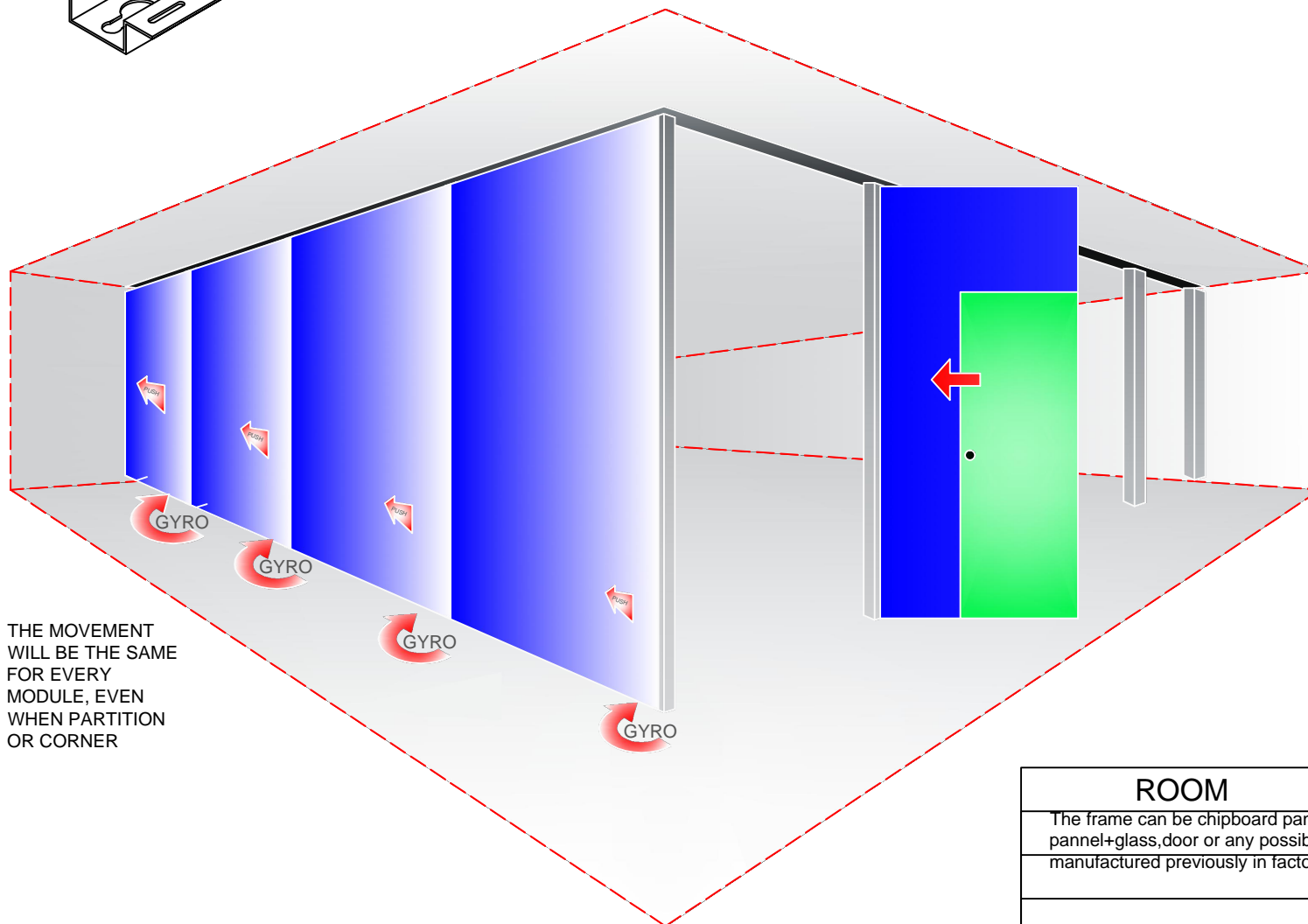
STILT

ROOM	
The frame can be chipboard pannel, pannel+glass,door or any possible combination manufactured previously in factory.	
	FIG 6

TOP RAIL
PROFILE

STILT

THE MOVEMENT
WILL BE THE SAME
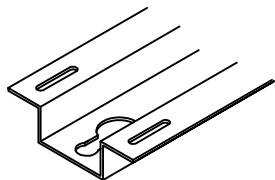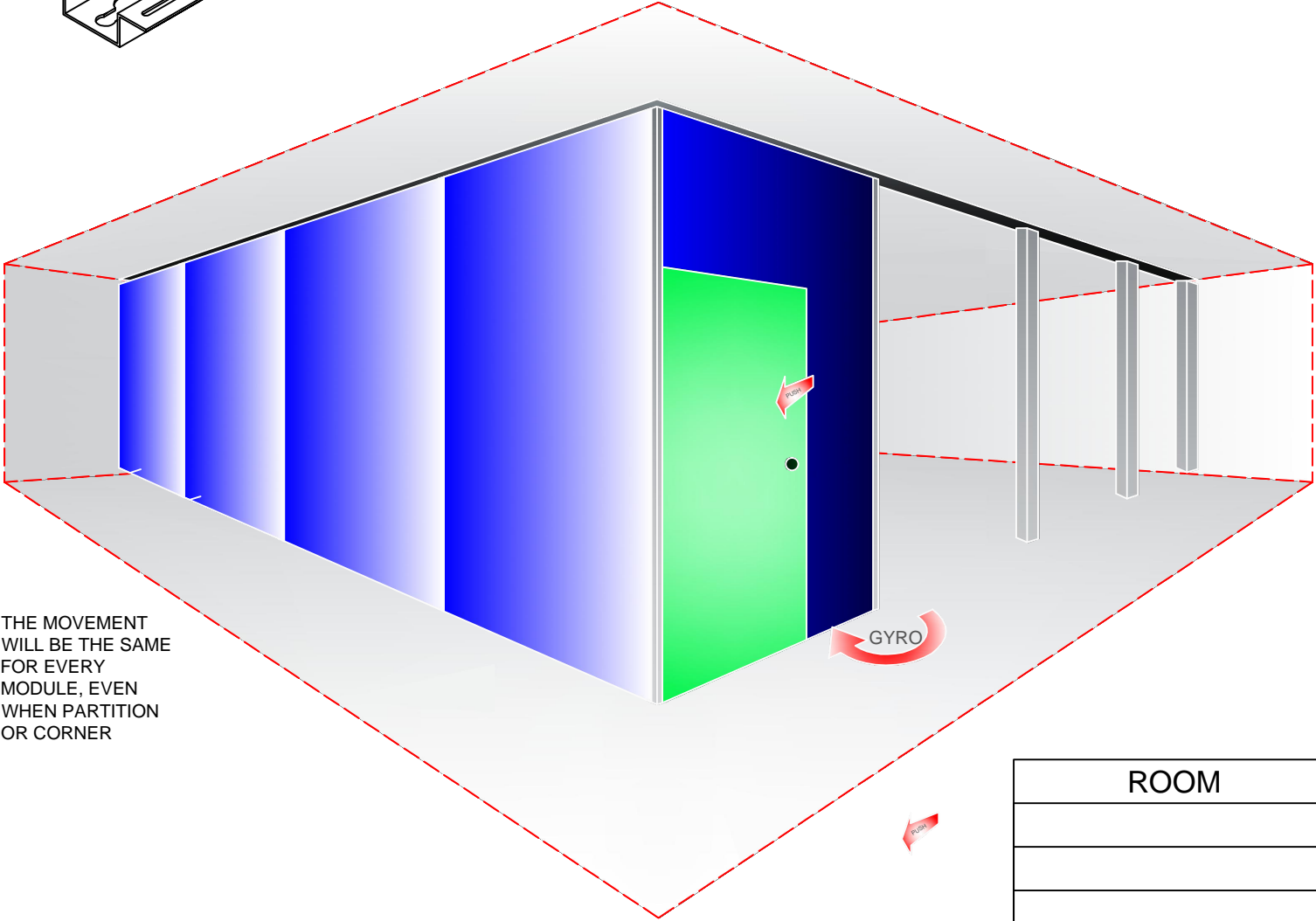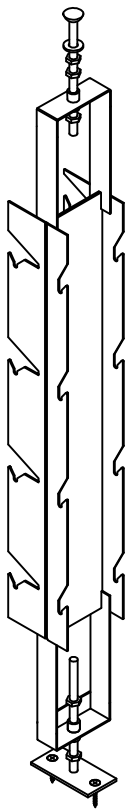FOR EVERY
MODULE, EVEN
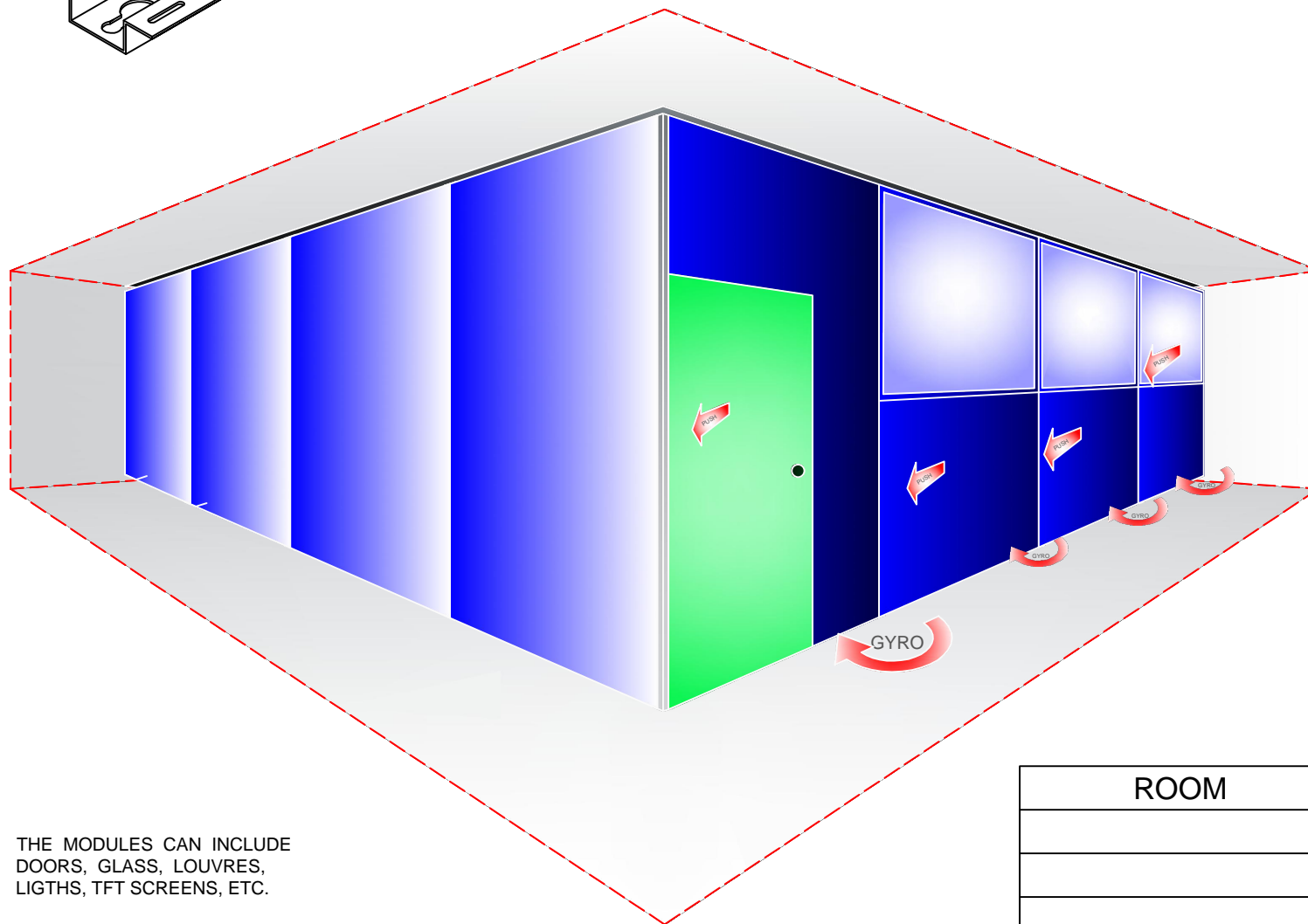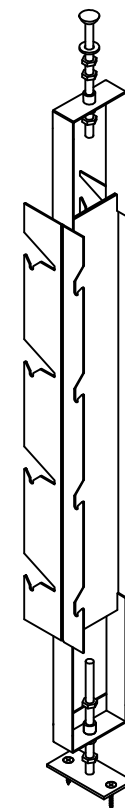WHEN PARTITION
OR CORNER

GYRO

PUSH

PUSH

ROOM	
	FIG 7

TOP RAIL
PROFILE
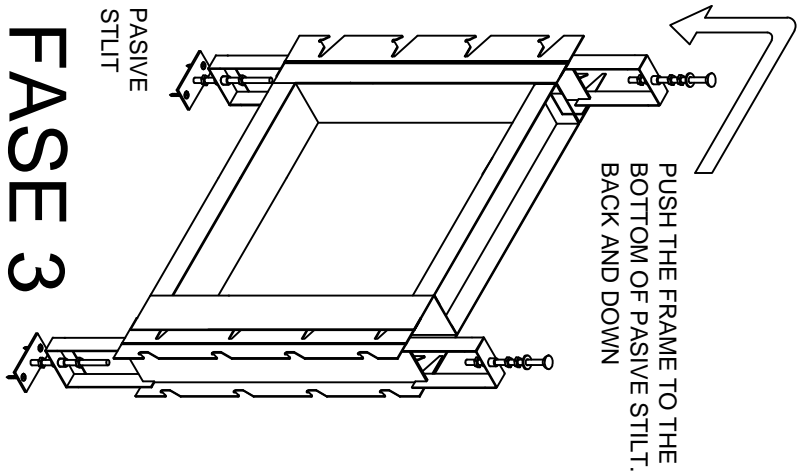
STILT

GYRO

PUSH

PUSH

PUSH

PUSH

GYRO

GYRO

GYRO
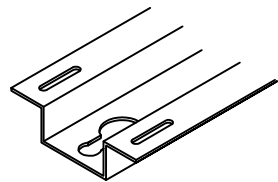
ROOM

THE MODULES CAN INCLUDE
DOORS, GLASS, LOUVRES,
LIGTHS, TFT SCREENS, ETC.

FIG 8

FASE 0

THE STILT
ARE FIXED

FASE 1

PUSH FRAME TO THE
BOTTOM OF ACTIVE
STILT

ROTATE ACTIVE
STILT 15°

FASE 2

ROTATE ACTIVE STILT -15°
ALIGN TO LENGTHWISE

FASE 3

PASIVE
STILT

PUSH THE FRAME TO THE
BOTTOM OF PASIVE STILT.
BACK AND DOWN
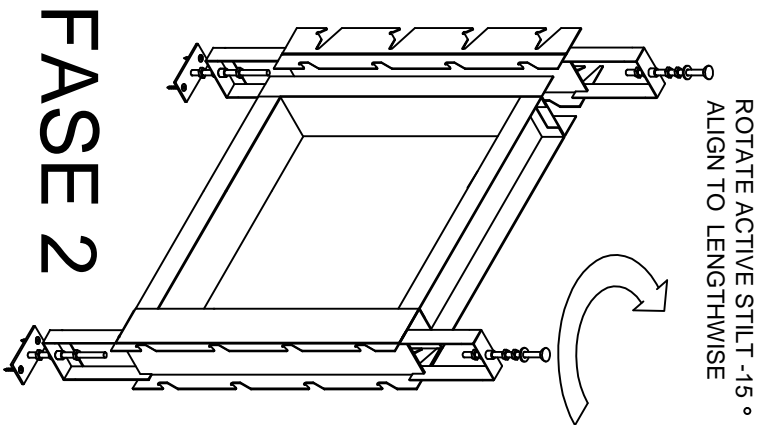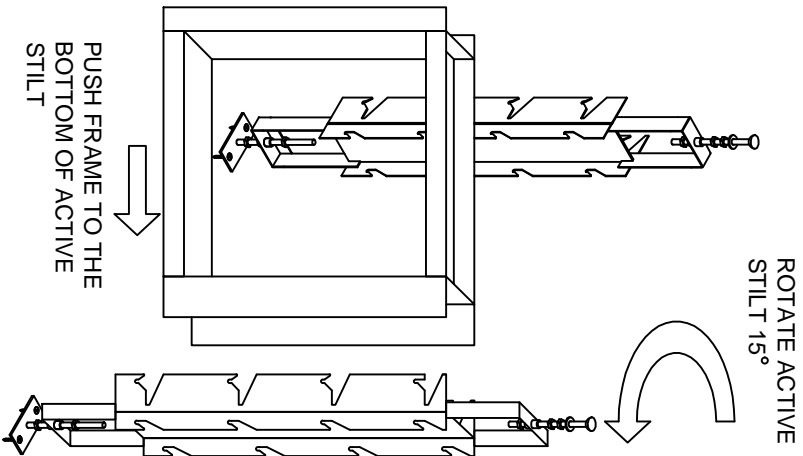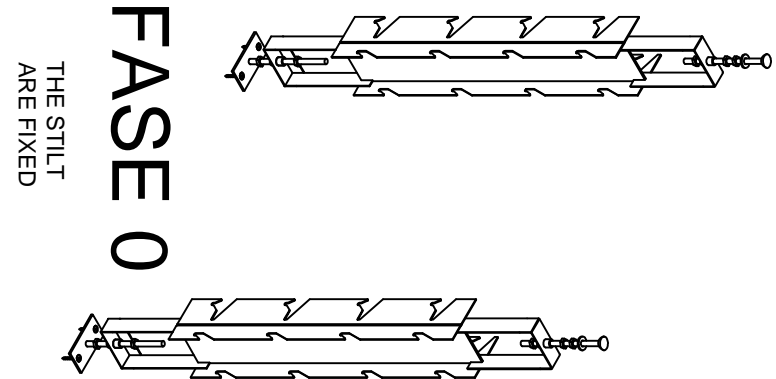
FITTING MOVEMENT.

THE TOP-RAIL IS NOT
SHOWN TO READ THE
SKETCH EASY.

THE STILT IS DUAL
ACTIVE/PASIVE
DEPENDING ON
WORKING DIRECTION

FIG 9

FRAME

PIVOTS

FASE 0

GYRATE OUT 15°

PUSH ALL RIGHT

FASE 1

GYRATE RIGHT STILT TO 0° AND PULL THE FRAME LEFT ALL IN

GYRATE IN TO 0°

PUSHING ALL LEFT

FASE 2

FINAL MOVEMENT

LET SLIDE THE FRAME INTO THE SOCKET
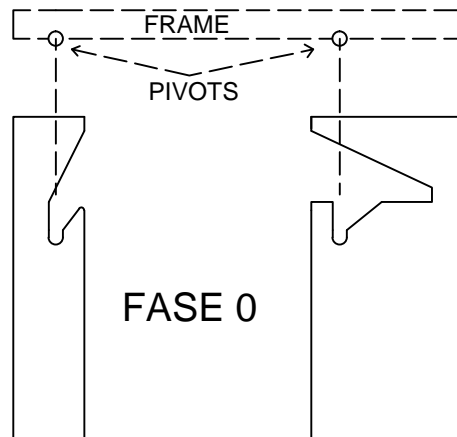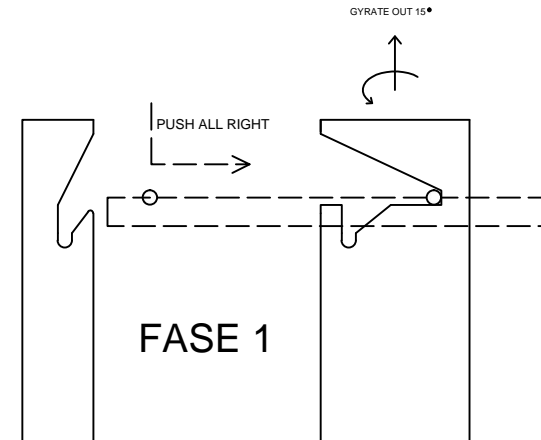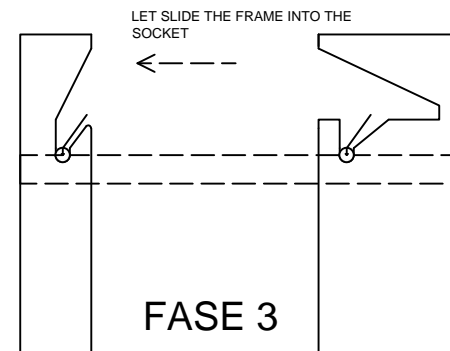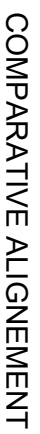
FASE 3

FIG 10

COMPARATIVE ALIGNEMENT

TEORICAL PERFECT	COMMON MODULAR WALL	SAG SYSTEM
A° 90°	IT DEPENDS ON INSTRUMENT ACCURACY AND MAN HAND SKILLS	89° 58' < A° < 90° 02'
B° 90°	IT DEPENDS ON INSTRUMENT ACCURACY AND MAN HAND SKILLS	90°

STILT LINE (GRAVITY VECTOR) ALIGNMENT

A°

B°

FLOOR PLAN TRANSVERSAL WALL ALIGNMENT

FLOOR PLAN LENGTHWISE WALL ALIGNMENT

WITH SAG SYSTEM, ALIGNMENT INSTRUMENTS ARE NOT REQUIRED TO GET A PERFECT VERTICAL SETTING
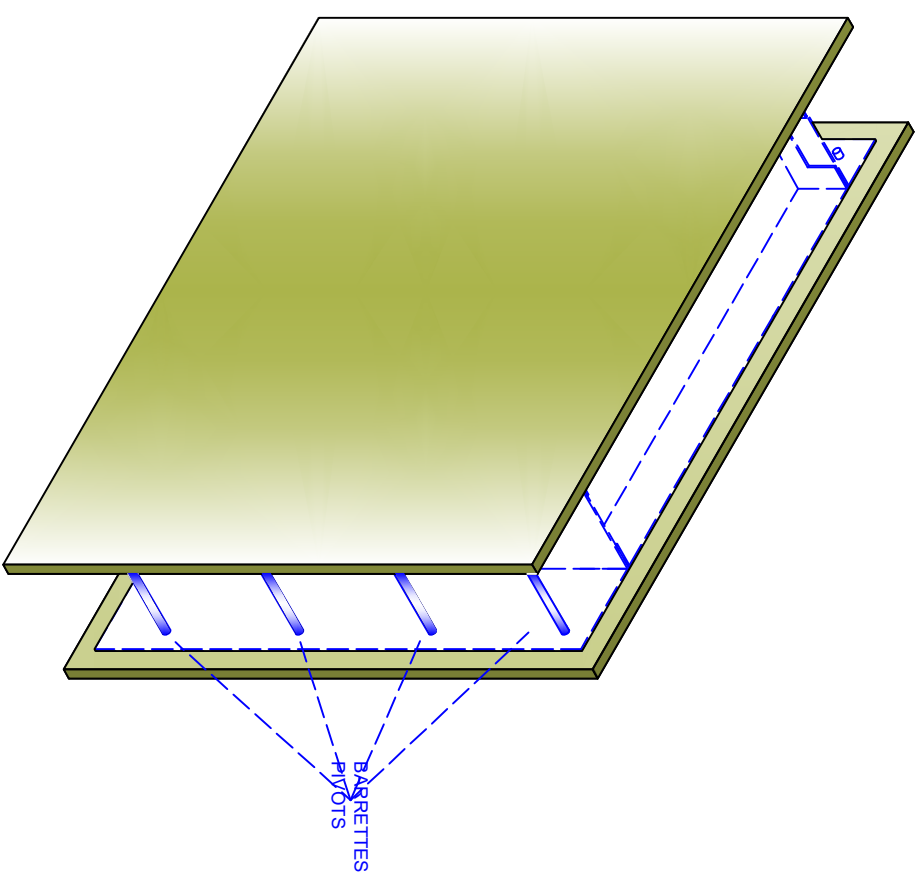
SAG stilt alignment accuracy

FIG 11

MOVING THE LEVEL-NUT AFTER HANGING THE
FRAME, THE MODULE WILL ACQUIRE PERFECT
LEVEL JUST WATCHING THE JOINT BETWEEN
FRAMES. NO INSTRUMENTES NEEDED

LEVEL-NUT

FIXING JOINT

X

X

AS WELL AS THE STILT IS SELF-ALIGNED
TO THE GRAVITY VECTOR, IT WILL BE A
PERFECT RULER TO ALIGN THE FRAME

WHEN ALIGNED TO THE STLIT RULER,
THE FRAME ACQUIRE THE SAME LEVEL
BOTH SIDES

FIG

12

BOARD MEASURES WILL BE
OVERLENGTH TO FRAME
STRUCTURE MEASURES.
STRUCTURE MEASURES
WILL BE DEFINED BY CURRENT
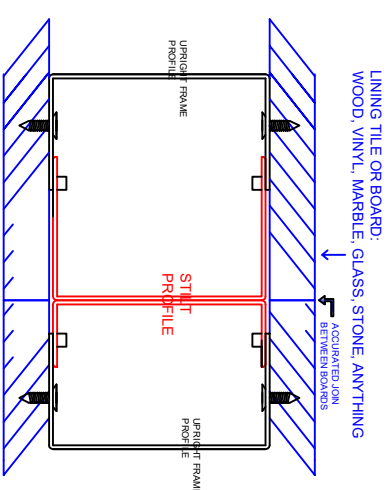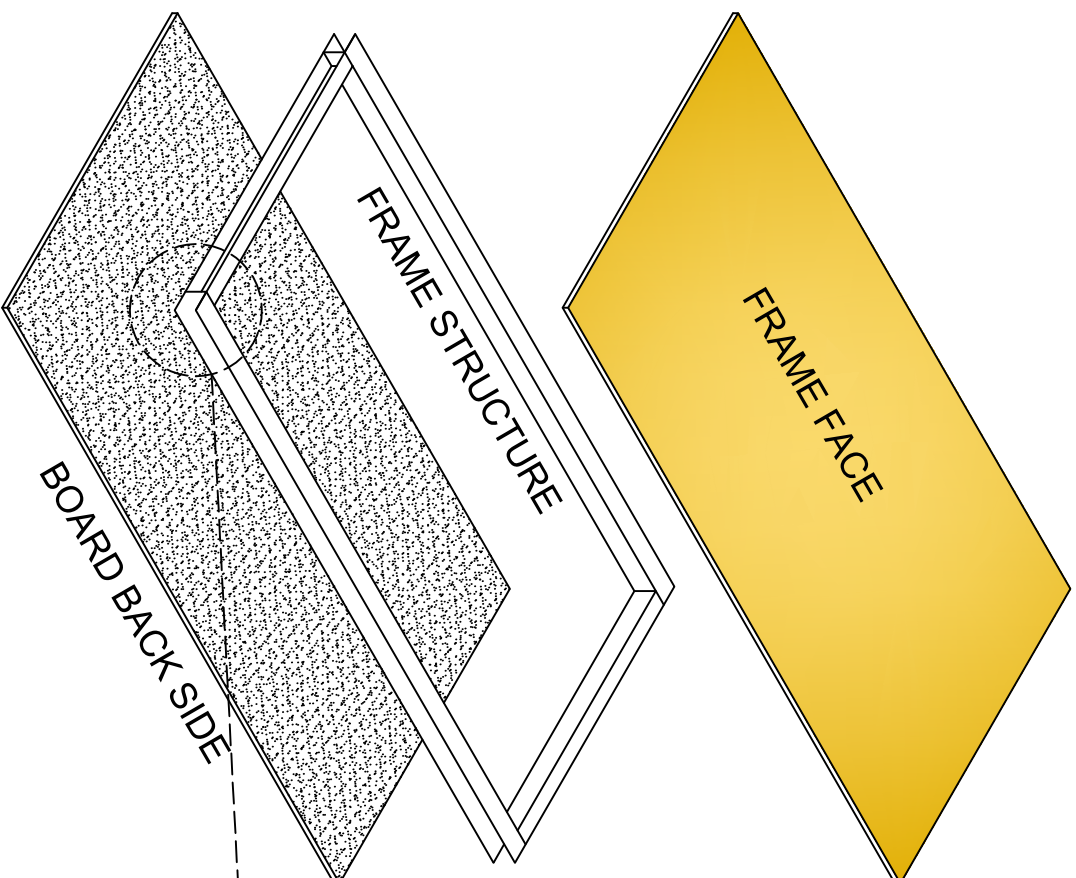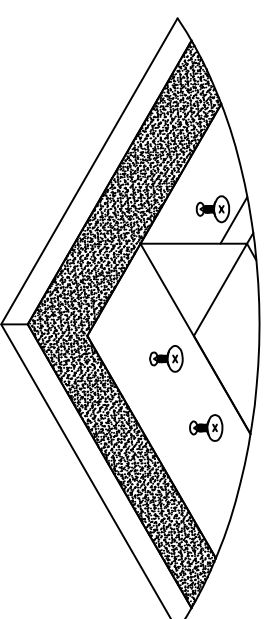PROJECT

BARRETTES
PIVOTS

FRAME STRUCTURE + BOARDS

Fig 49

FRAME STRUCTURE

FRAME FACE

BOARD BACK SIDE

ATTACH TILE (CHIPBOARD, PARTICLEBOARD, VINYL, COMPOSITE, ANY ONE) WITH SHORT SCREWS TO THE STRUCTURE FROM THE INNER SIDE OF STRUCTURE TO OUT

LINING TILE OR BOARD: WOOD, VINYL, MARBLE, GLASS, STONE, ANYTHING

ACCURATED JOIN BETWEEN BOARDS
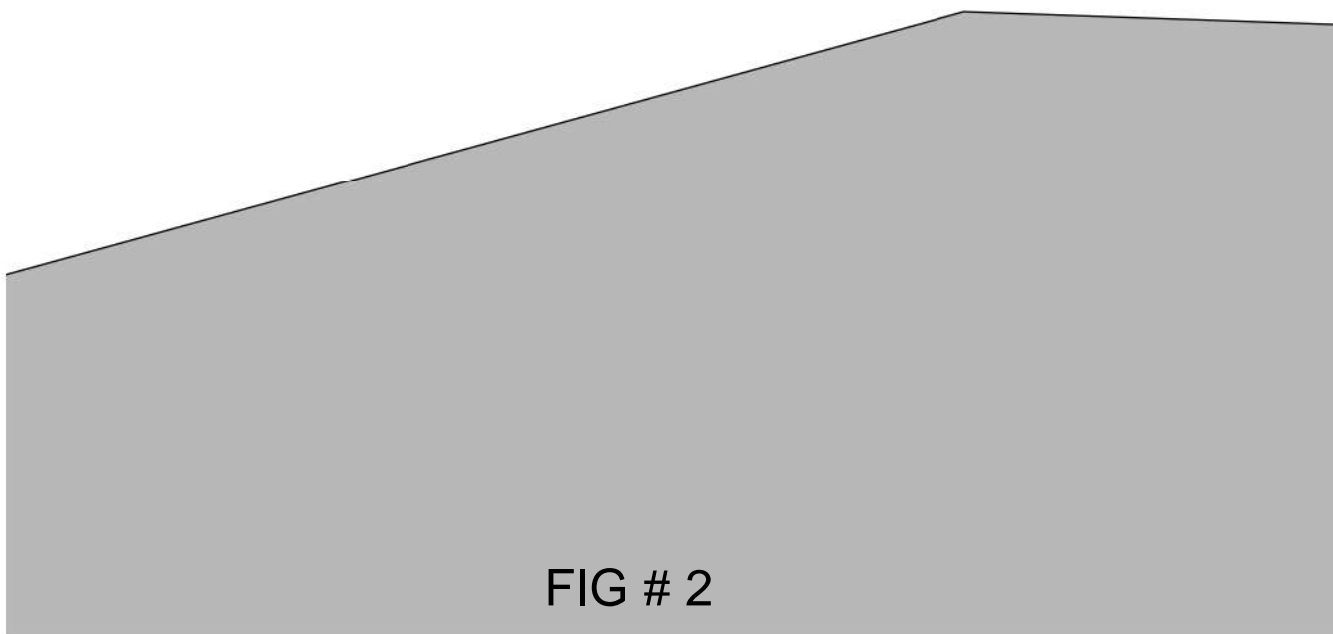
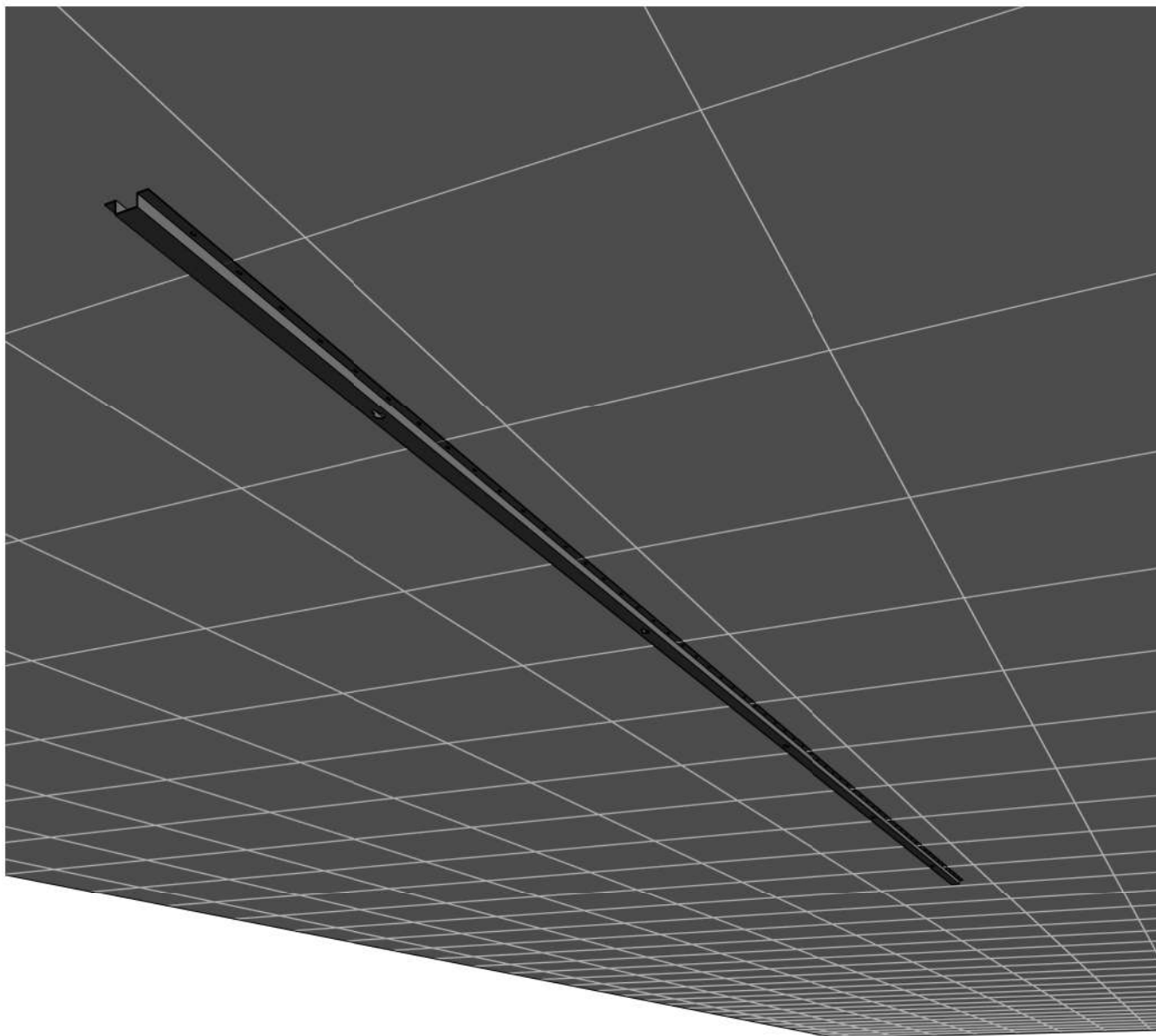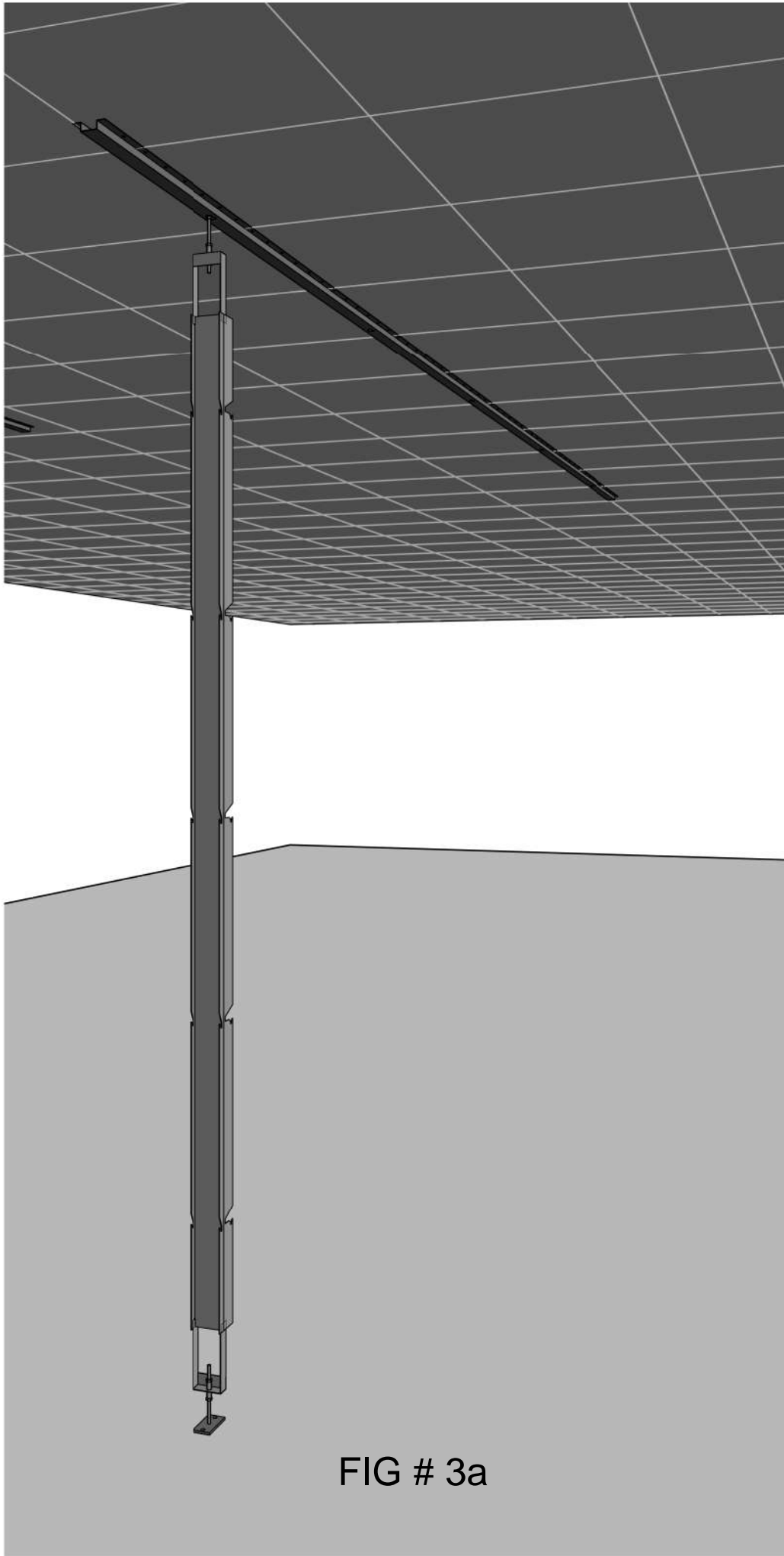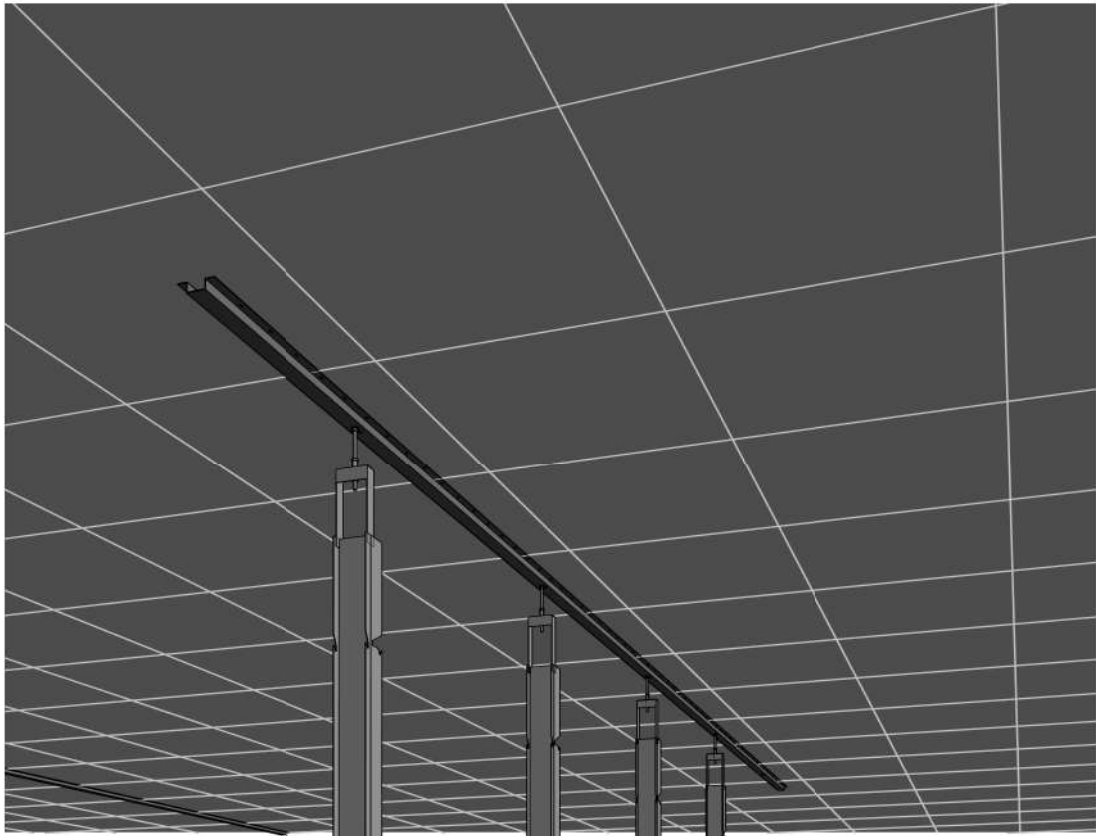UPRIGHT FRAME PROFILE

STRUT PROFILE

UPRIGHT FRAME PROFILE

BOARDS ATTACHEMENT

Fig 50

FIG # 2

FIG # 3a

FIG # 3b

FIG # 9a

FIG # 9b