

## RETRACTABLE ELECTRICAL HANDBALL GOALS

### List of pieces

ARTICLE	DESIGNATION	QTE
1	Front face of the adjustable goal	1
2	Net riser bar	1
3	Front arm	2
4	Rear arm	2
5	Wall pivot	4
6	Wall support of the pivots points	2
7	Tree of lift	1
8	Bearing support	1
9	Roller support	1
10	Lift support	1
11	Murale fixation of the lift support	2
12	Blocking plate	6
13	Housing roller	1
14	Cotter pin	1
15	Washer of blockage	1
16	Stop-fall (sold separately)	1
17	Strap	2
18	Control box	1
19	Screw TH M10 x 90	4
20	Screw TH M10 x 80	4
21	Screw TH M10 x 70	6
22	Screw TH M10 x 30	4
23	Flat washer Ø10L	36
24	Brake nut M10	18
25	Screw TH M8 x 20	1
26	Washer fan-shaped Ø8	1
27	Screw TH M6 x 20	8
28	Screw with large round head M6 x 20	4
29	Washer fan-shaped Ø6	8
30	Brake nut M6	4
31	Strap of suspension of the net	3

### INSTRUCTION OF USES:

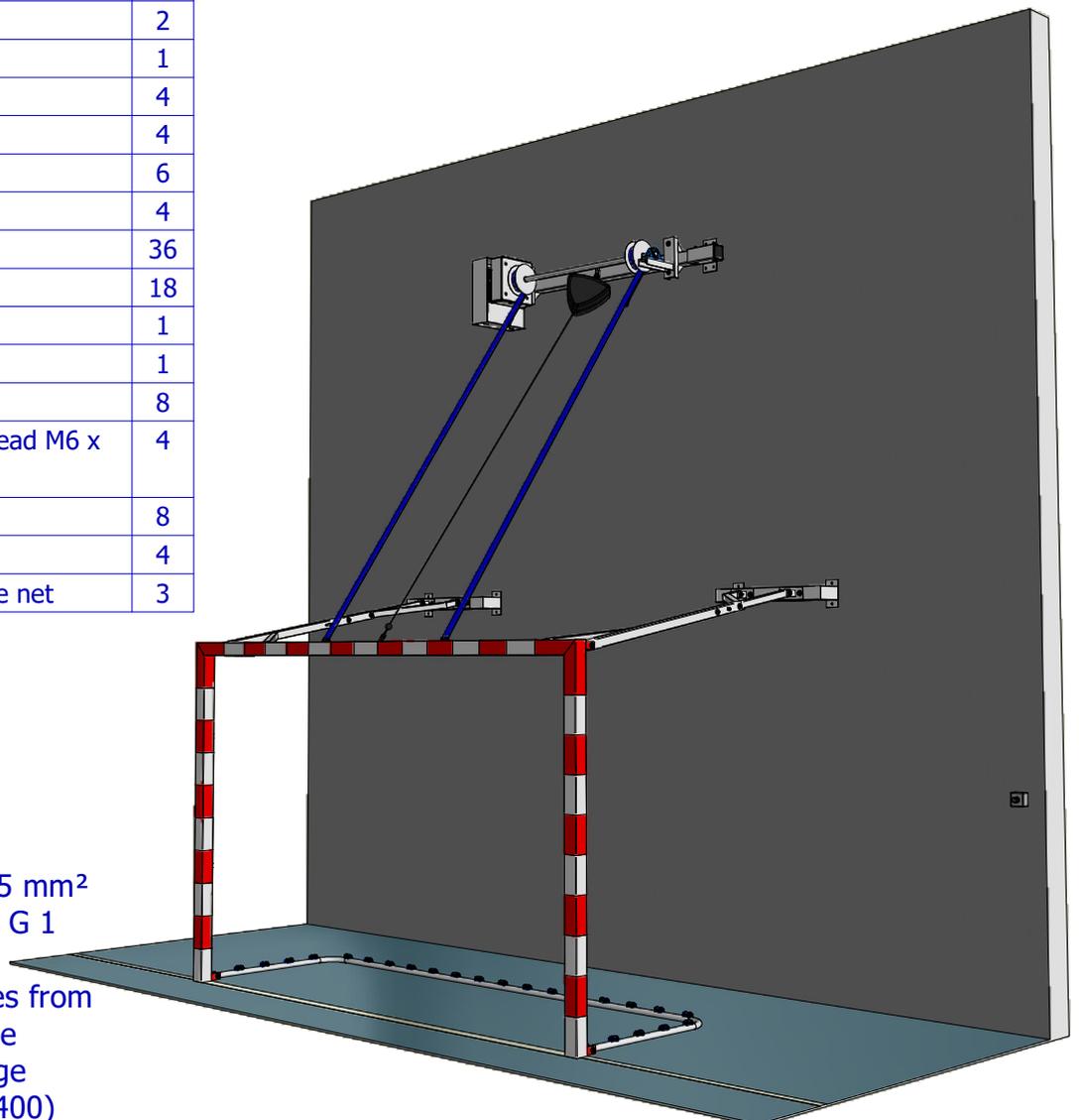
- This goal is usable for Handball, football of Hockey indoor.
- The goal must be fixed on the wall or on a lining
- Always use the electric deck, viewing the goal and be sure that there is nobody below.
- During the arranging in game position, be two people to guide it into the wedges on the ground.

### MAINTENANCE (Periodic)

- Check the tightening
- Check the welds
- No special maintenance need to be expected on the electrical reel.
- Lubricated mechanism for life. The special lubricant must not never be changed.
- All disassembly of the housing cover engender the cancellation of the guarantee.

### SUPPLY :

- Supply voltage : 230V
- Protection :10A
- Power : 940 W
- Cabling TGBT/Reel : 3 G 2,5 mm<sup>2</sup>
- Cabling reel/control box : 5 G 1 mm<sup>2</sup>
- Passage of the supply cables from the TGBT to the charge of the electricity lot or to your charge (following the norm NFS 52-400)



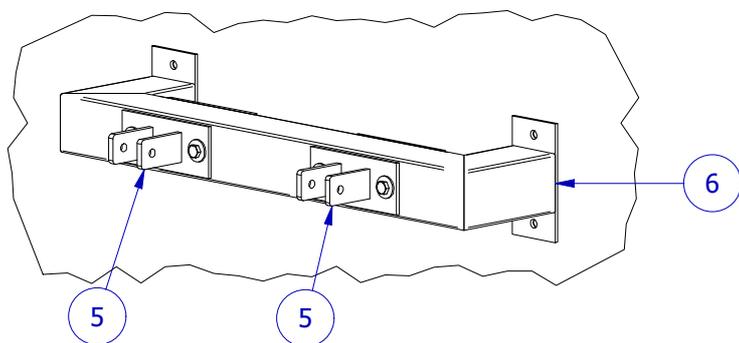
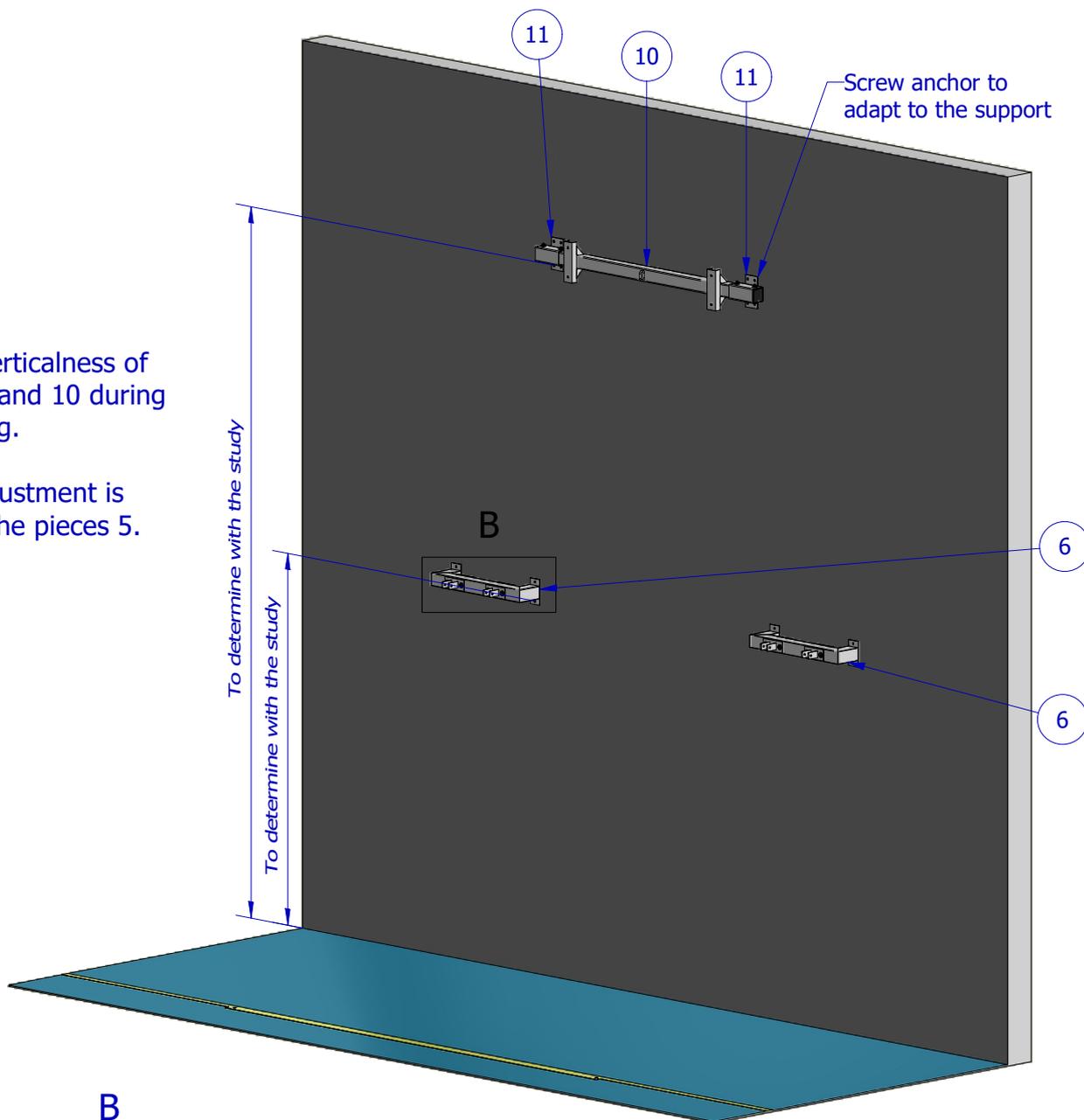


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### 2: Arrangement of the wall pieces

Adjust the verticalness of the pieces 6 and 10 during the tightening.

A second adjustment is possible on the pieces 5.



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### 3: Assembly of the electric lift

The assembly diagrams show the motor (9) connected to a gear (7) which drives a larger gear (8) on the lift mechanism. The motor is mounted on a frame (10) and is secured with screws (23, 24). The control box (9) is shown with its cover (14) and internal components (15, 25, 26). A central photograph shows the motor and control box installed in a cabinet.

**Circuit power**      **Circuit control**

⊥	Ph	N			C	S1	S2	⊥

PE  
PH  
N

230V - 50Hz

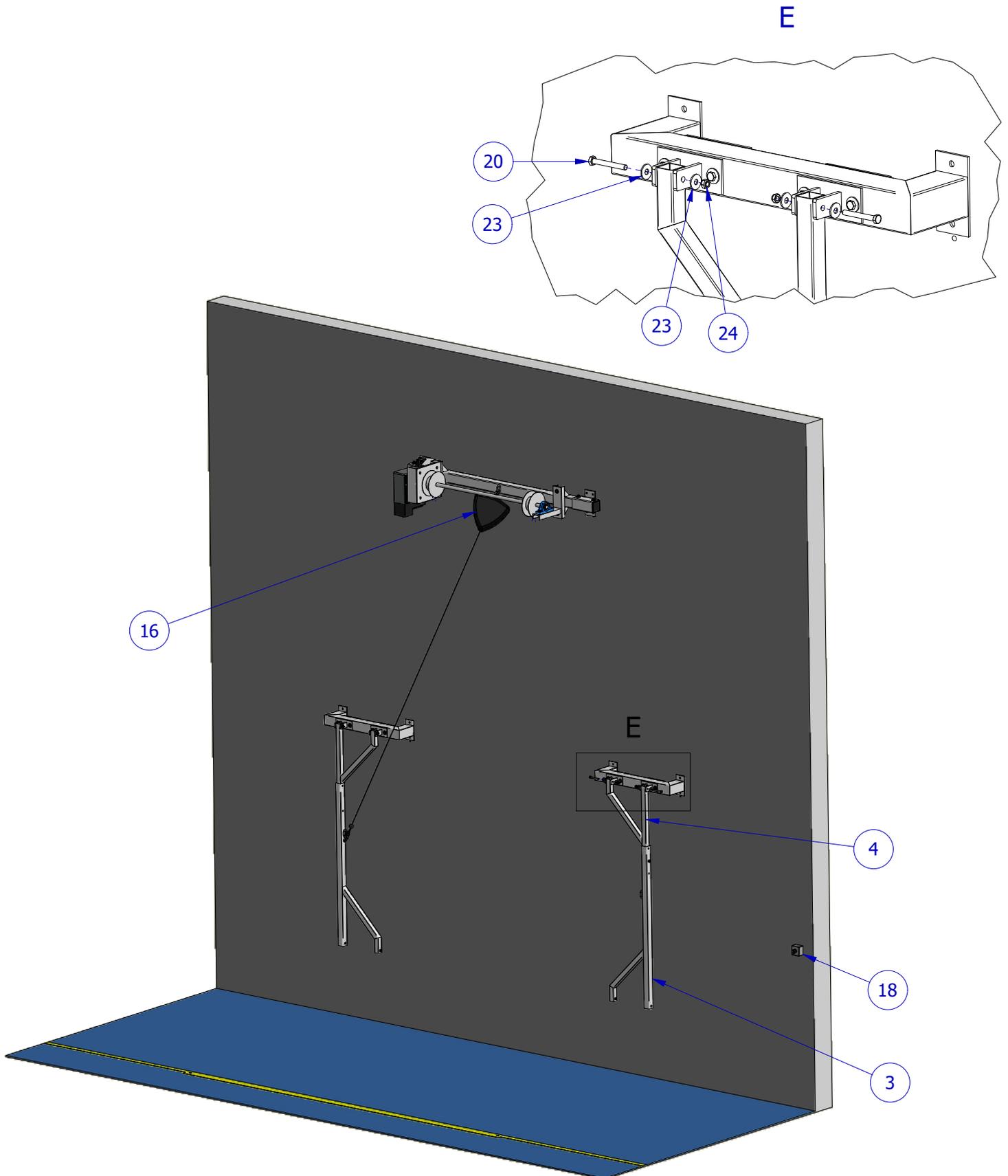
**Control box**

3 4  
3 4

**Setting of the ends of races:**  
Locate the screw controlling the direction of the rotation "rise" and the one controlling the direction "descent", direction 1 or direction 2. Arrows positioned around the hollow tree indicate also the direction of the rotation.  
If the motor do not rotate in the desired direction, reverse S1 and S2.  
When the motor has stopped after a command order, push with a screwdriver the adjusting screw corresponding to the direction selected (direction 1 or 2):  
- To increase the race: push and turn the screw in the direction "+"  
- To decrease the race: push and turn the screw in the direction "-"  
This operation is the same to do the adjustment of the ends of races of the motor in high position or in bottom position.  
If the position of the adjustment of the end of race (high or bottom) is exceeded, the contact security is engaged (impossibility of the operation in the both directions). Do turning the motor few turns backward with the handle so that it reacts again to a control command.

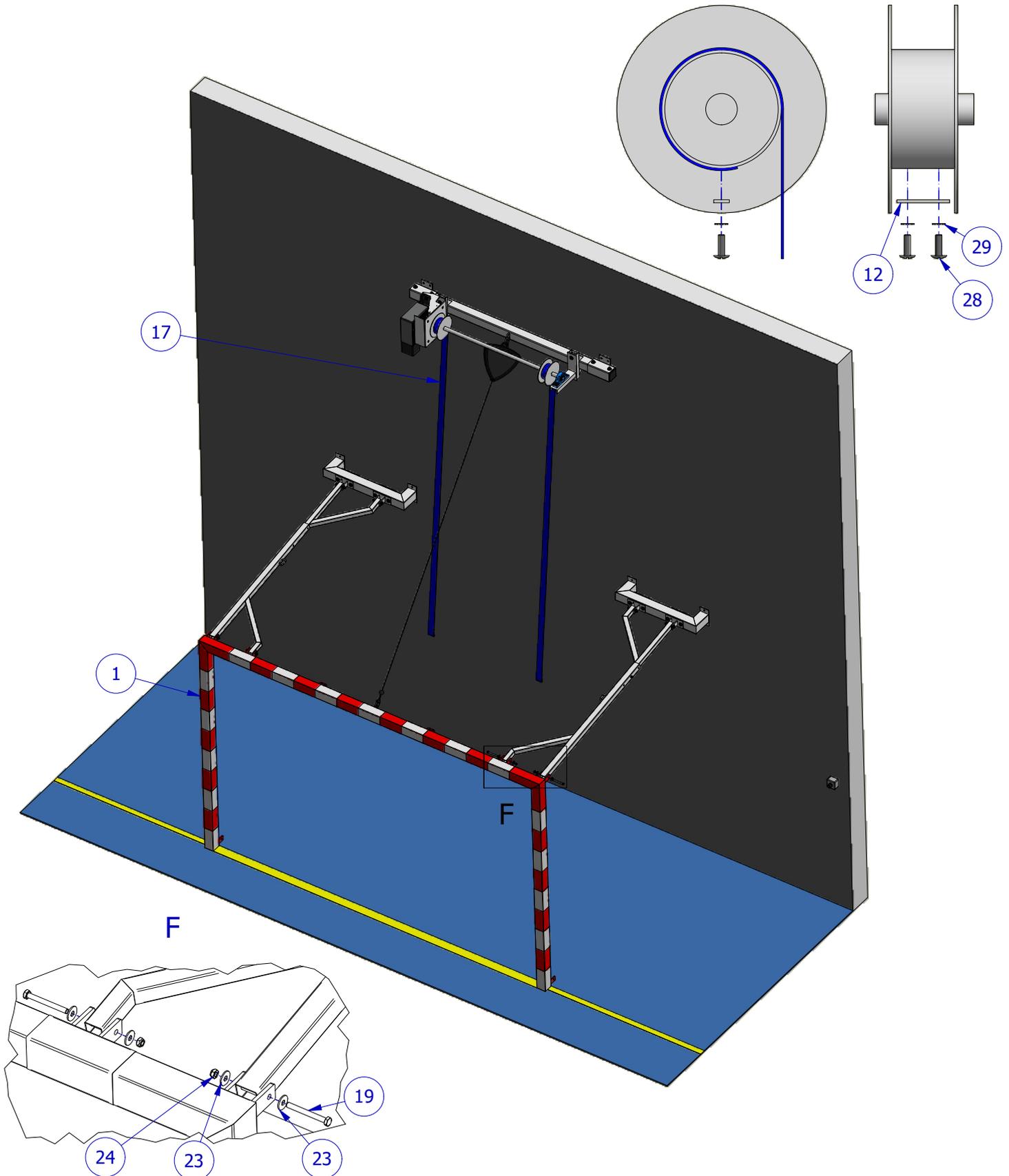
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### 4: Installation of the stop-fall and of the lifting arms



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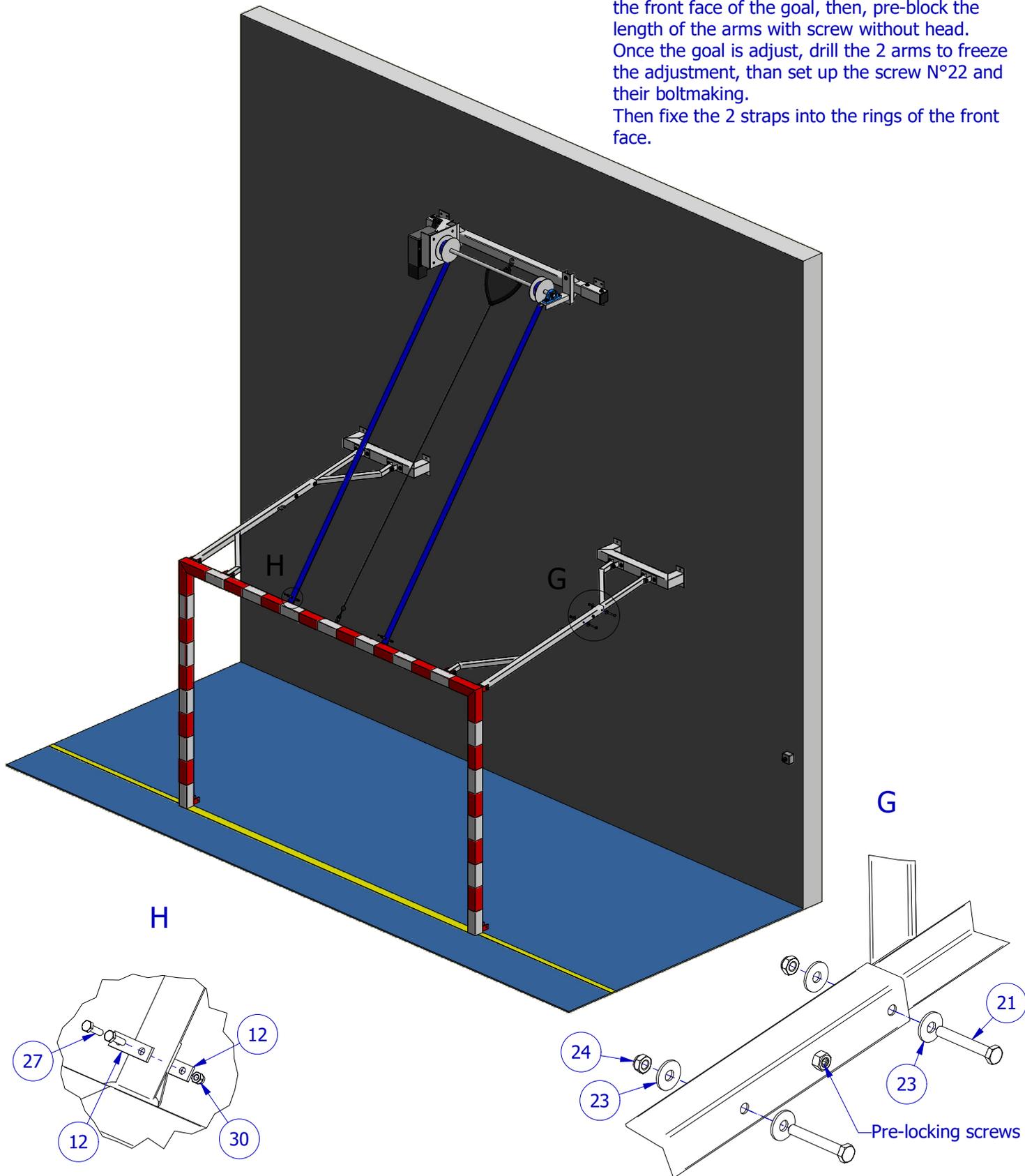
### 5: Assembly of the front face and straps



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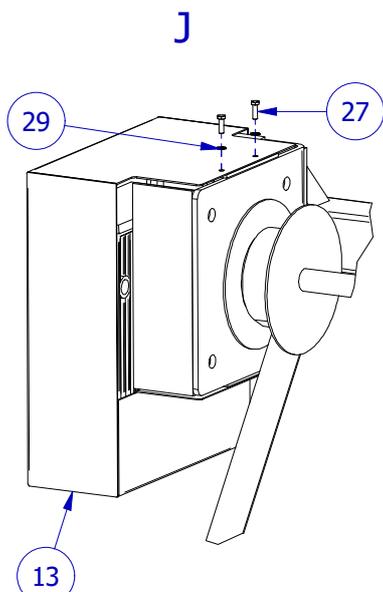
### 6: Adjustment of the goal and fixings of the straps

Adjust the depth of the 2 arms and the verticality of the front face of the goal, then, pre-block the length of the arms with screw without head.  
 Once the goal is adjust, drill the 2 arms to freeze the adjustment, than set up the screw N°22 and their boltmaking.  
 Then fixe the 2 straps into the rings of the front face.

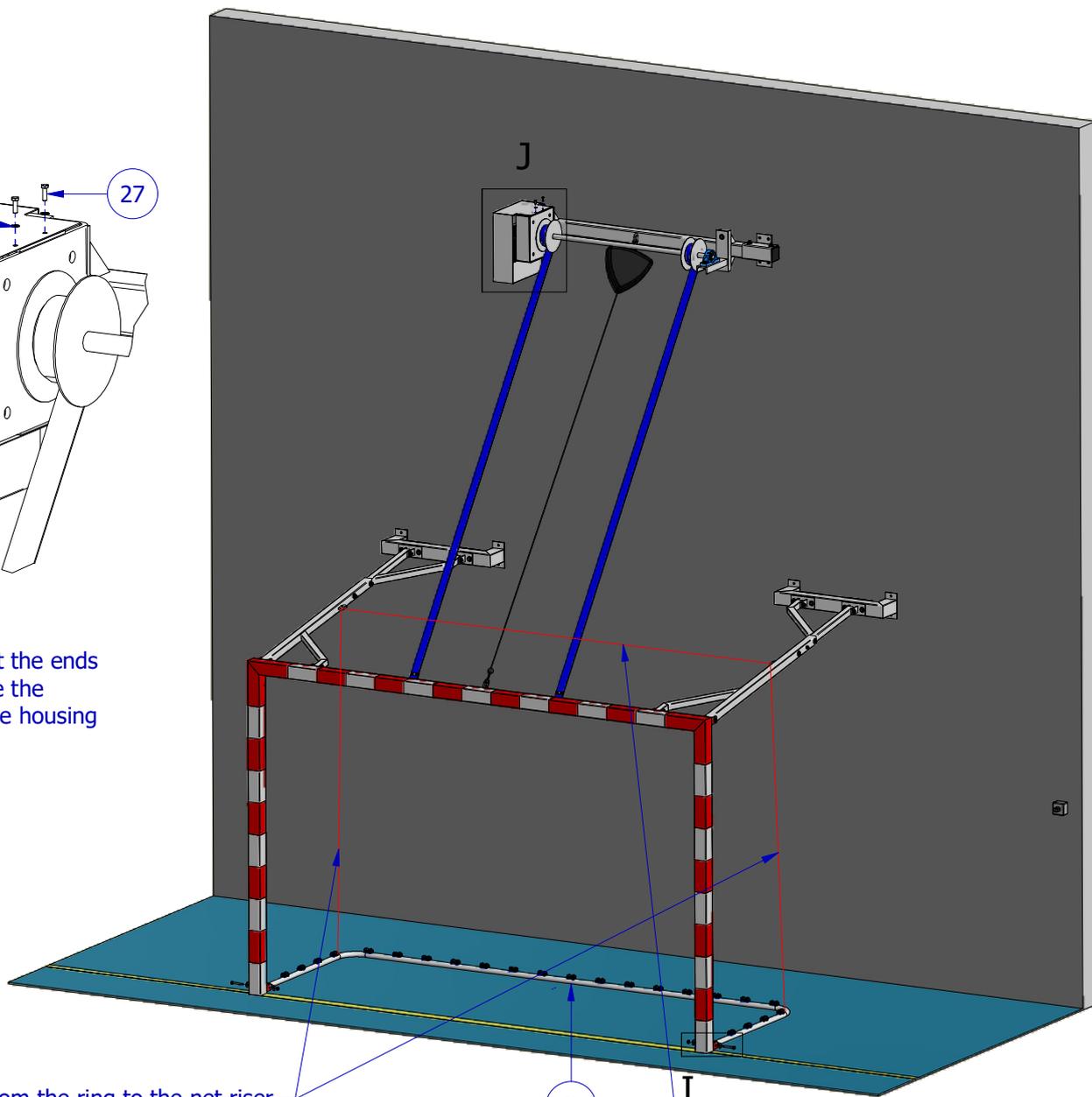


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### 7: Assembly of the net riser and finishings



Think to adjust the ends of races before the assembly of the housing N°13



Add 2x strap from the ring to the net riser

2

Braid the strap into the high part of the net then fix on the rings

