



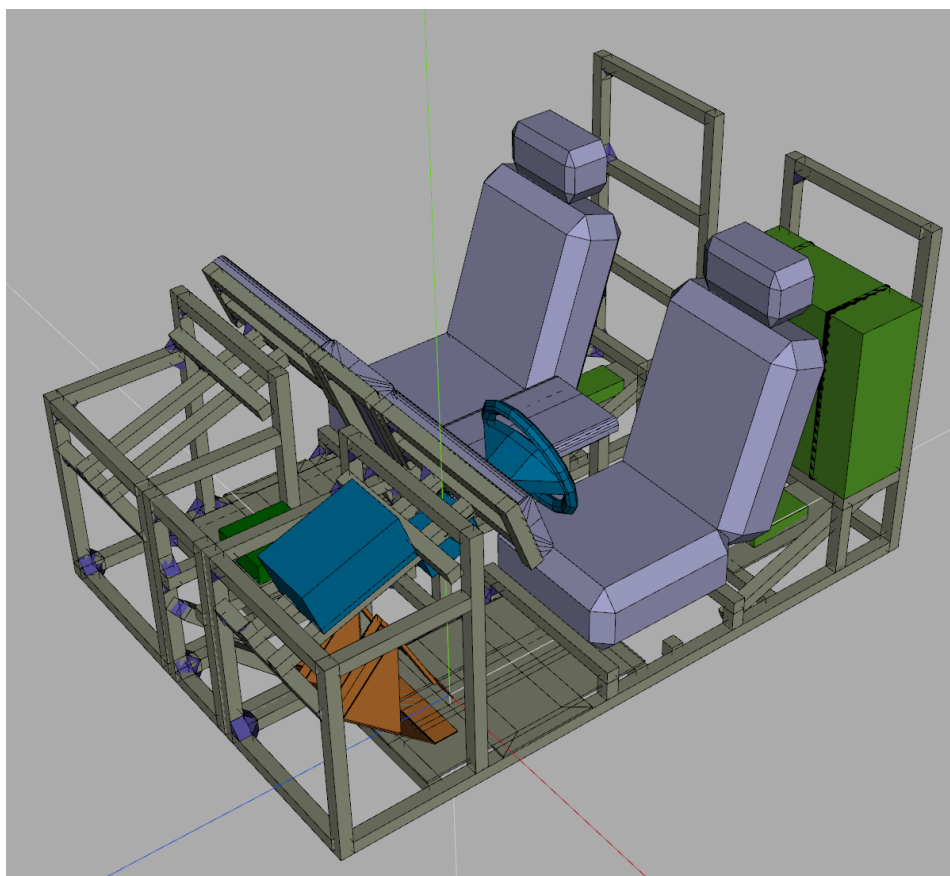
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**OPEN SOFTWARE TECHNOLOGY CENTER**

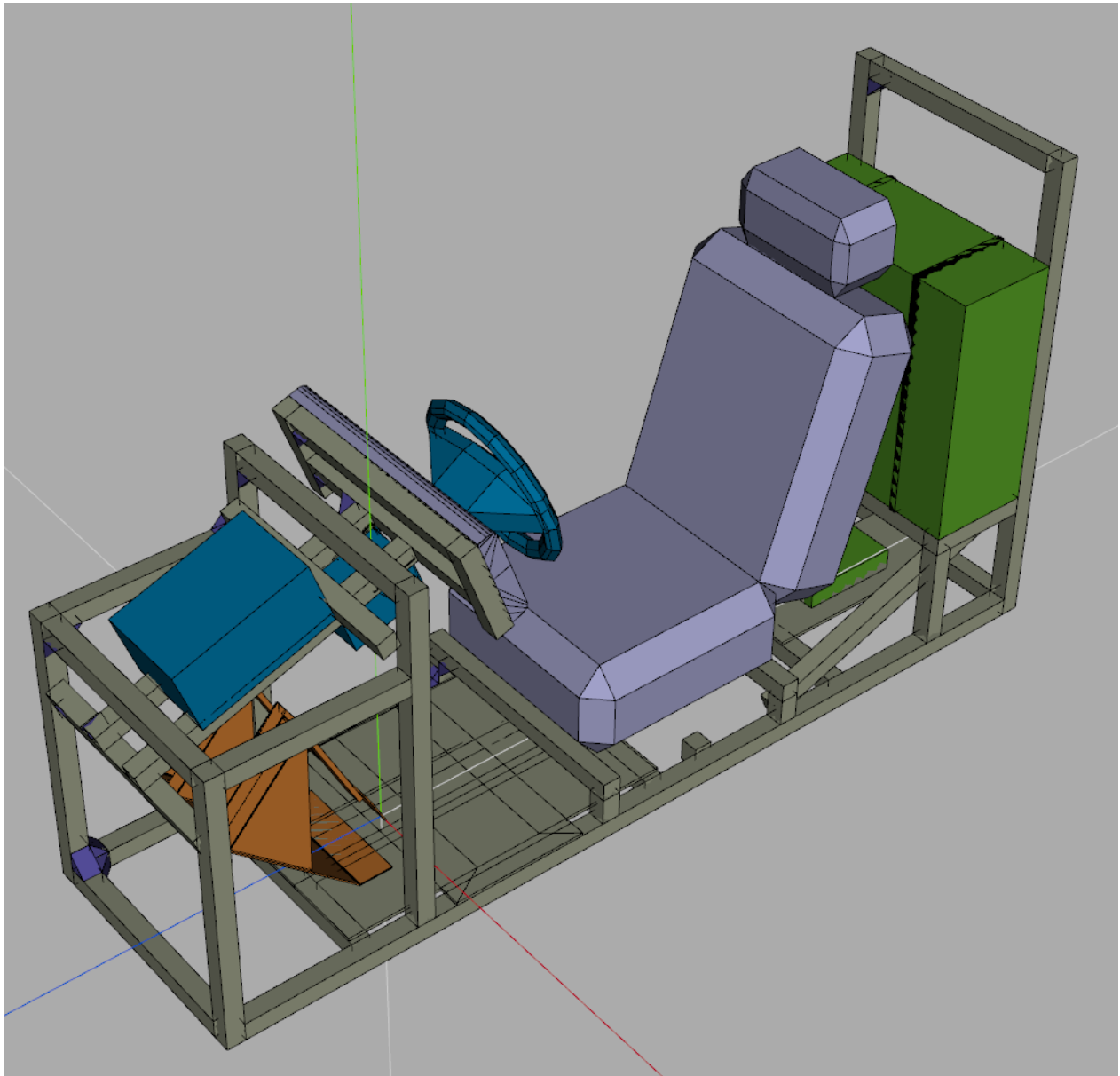
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Portland Oregon USA

## Shippable Simulator Seat Build Instructions



Author: Jesse Banks 4/20/2016



## Seat Assembly

Tools:

Allen Wrench

Metric Tape Measure

Labor: 1 person, 8 hours

Inventory Checklist:

Part	Qty	Description	Item ✓
HFS8-4040-1920	2	40x40x1920mm Bar	
HFS8-4040-1100-LTP	2	40x40x1100mm Bar, single end tap	
HFS8-4040-780	2	40x40x780mm Bar	
HFS8-4040-660	2	40x40x660mm Bar	
HFS8-4040-650-TPW	2	40x40x650mm Bar, dual end tap	
HFS8-4040-625	2	40x40x625mm Bar	
HFS8-4040-640-LTP	2	40x40x640mm Bar, single end tap	
HFS8-4040-560	2	40x40x560mm Bar	
HFS8-4040-480	15	40x40x480mm Bar	
HFS8-4040-380	2	40x40x380mm Bar	
HFS8-4040-230	6	40x40x230mm Bar	
HFS8-4040-60	4	40x40x60mm Bar	
HFS8-4040-50-LTP	2	40x40x50mm Bar, single end tap	
HBLFSNF8-SEU	100	1 corner bracket, 2 screws, 2 track nuts	
HFC8-4040-B	20	black end cap	
FJRP12	6	screw in feet	
HNTT8-8	30	track nut	
SCB8-16	30	allen screw	
Sim PC	1		
Sim Petals	1		
Sim Steer Servo	1		
Sim Steer Box	1		
Power supply	1		
Land Rover Seat	2		
Harness	1	12AWG Wire + crimp Terminals	

Front

16 Corner Braces Used  
9 T-nuts trapped

480mm

1100mm

480mm

480mm

480mm

1100mm

1100mm

1060mm

740mm

700mm

400mm

360mm

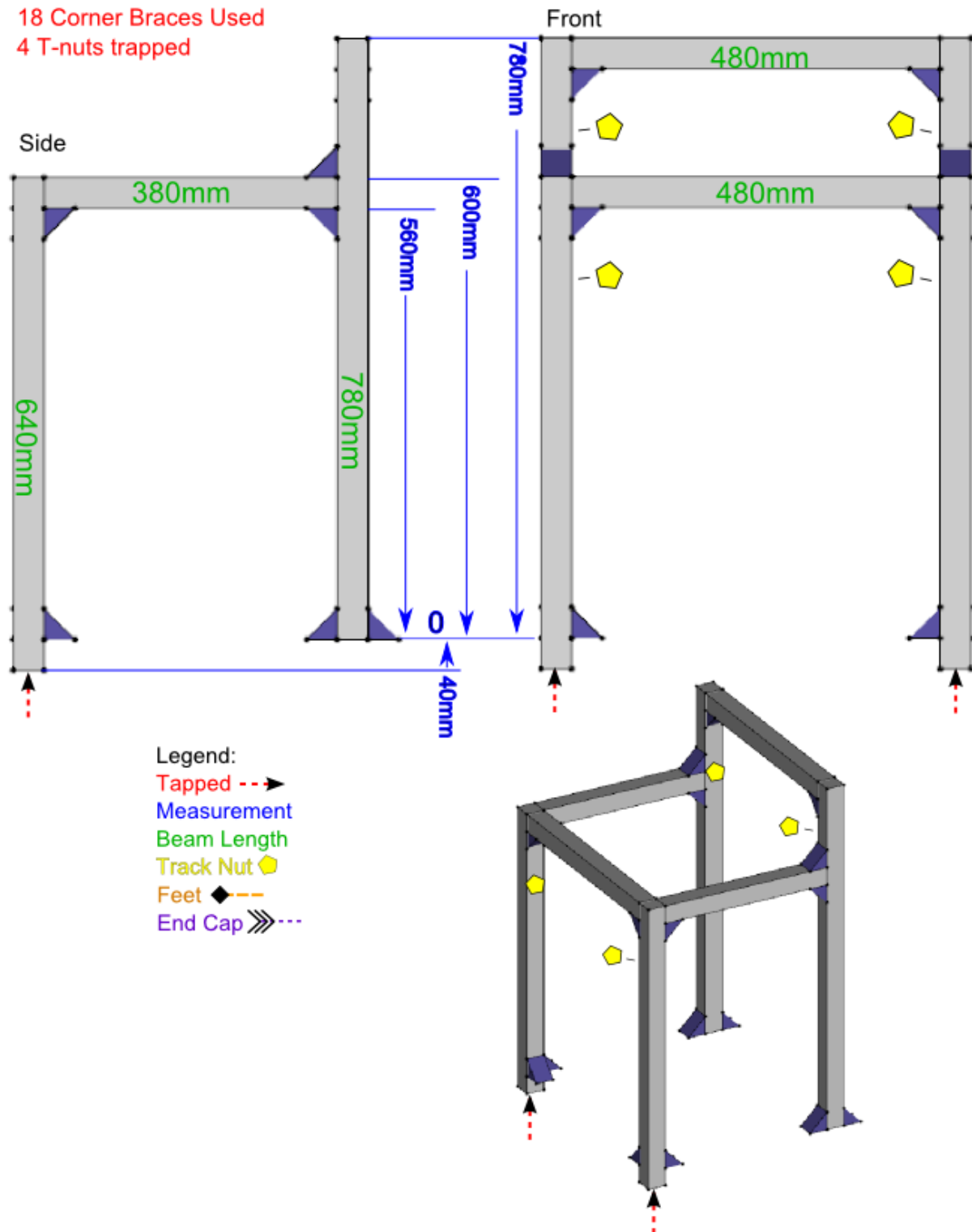
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Legend:

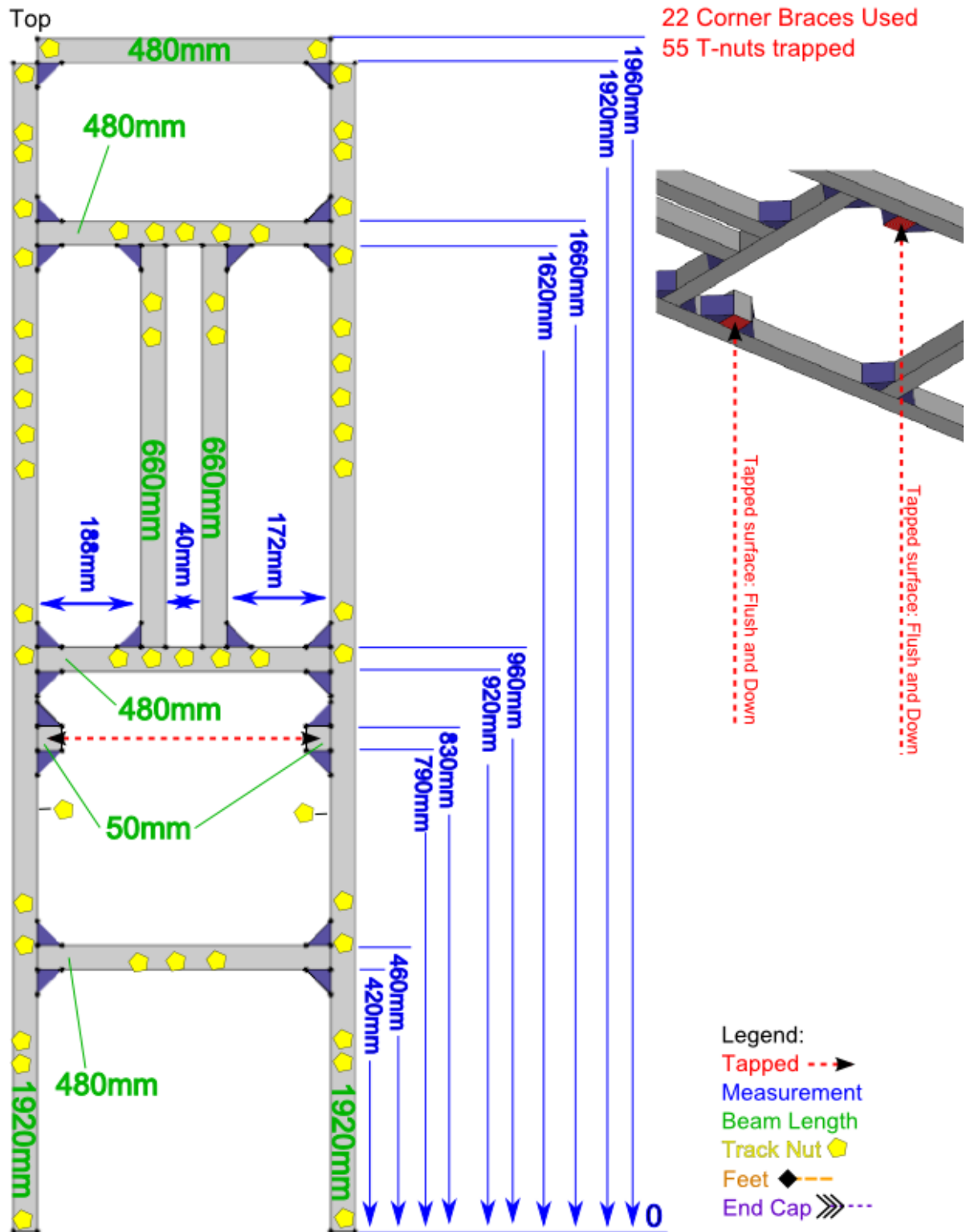
- Tapped --->
- Measurement
- Beam Length
- Track Nut
- Feet
- End Cap >>>---

## 2. Assemble Fore section

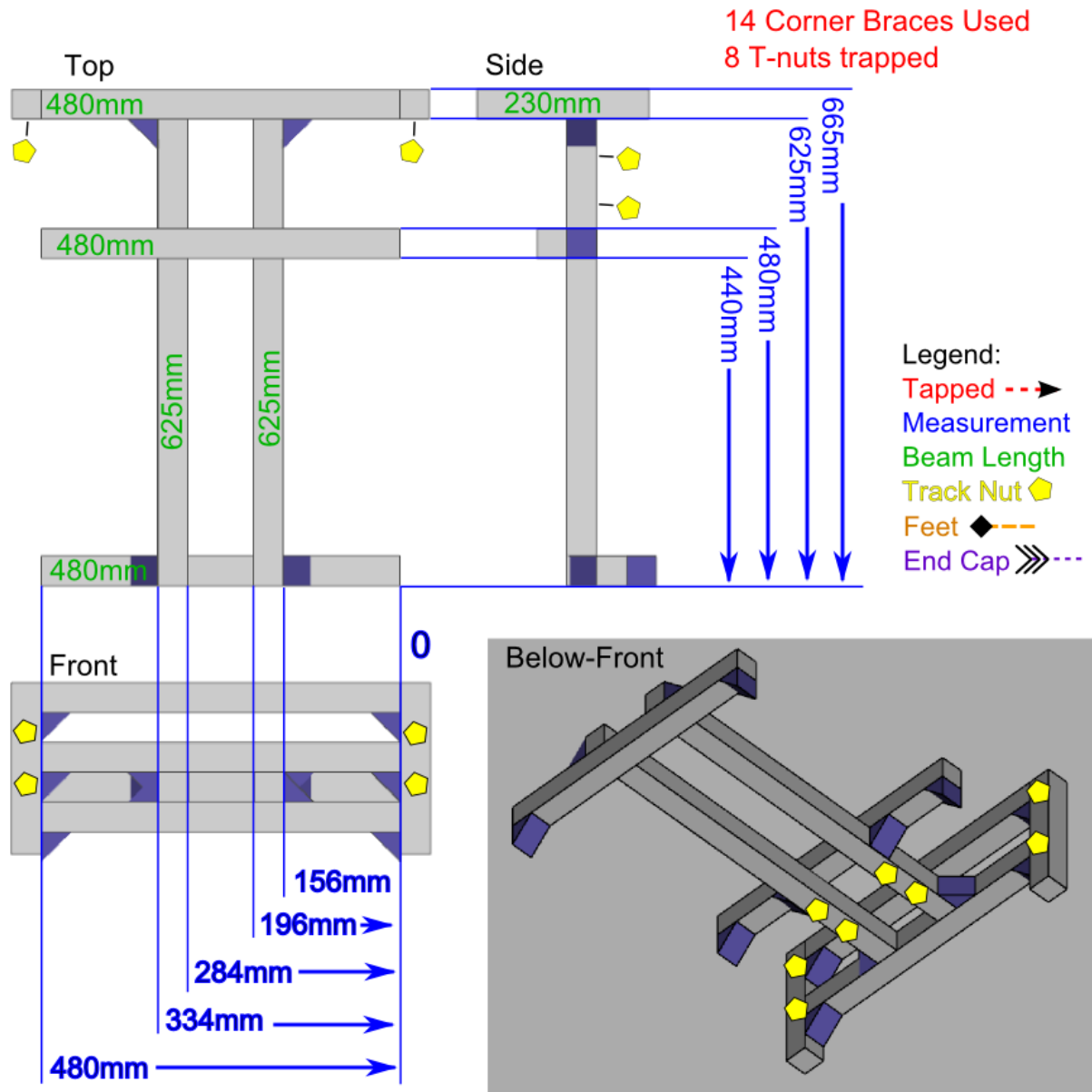
18 Corner Braces Used  
4 T-nuts trapped



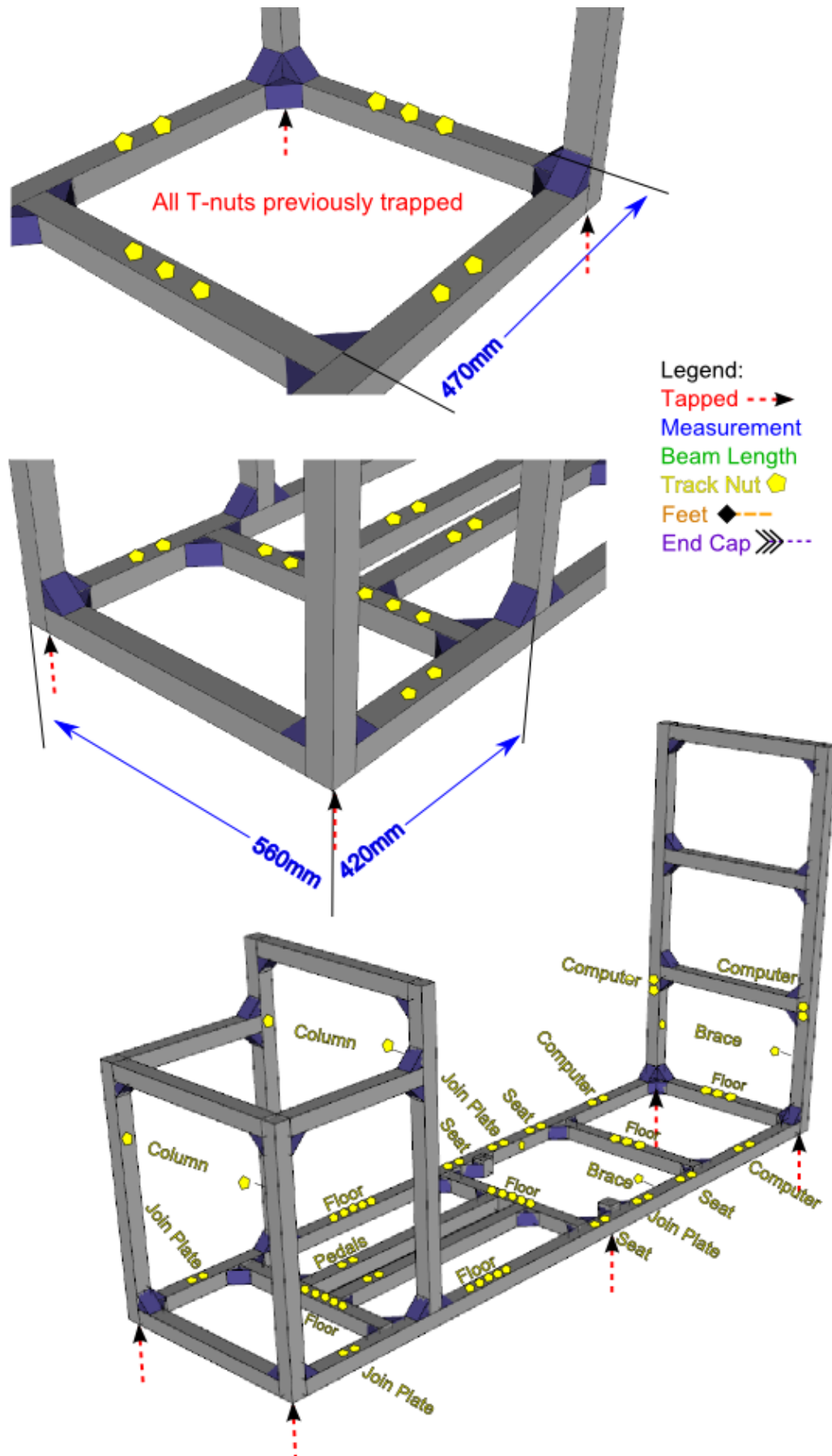
### 3. Assemble Base



#### 4. Assemble Column

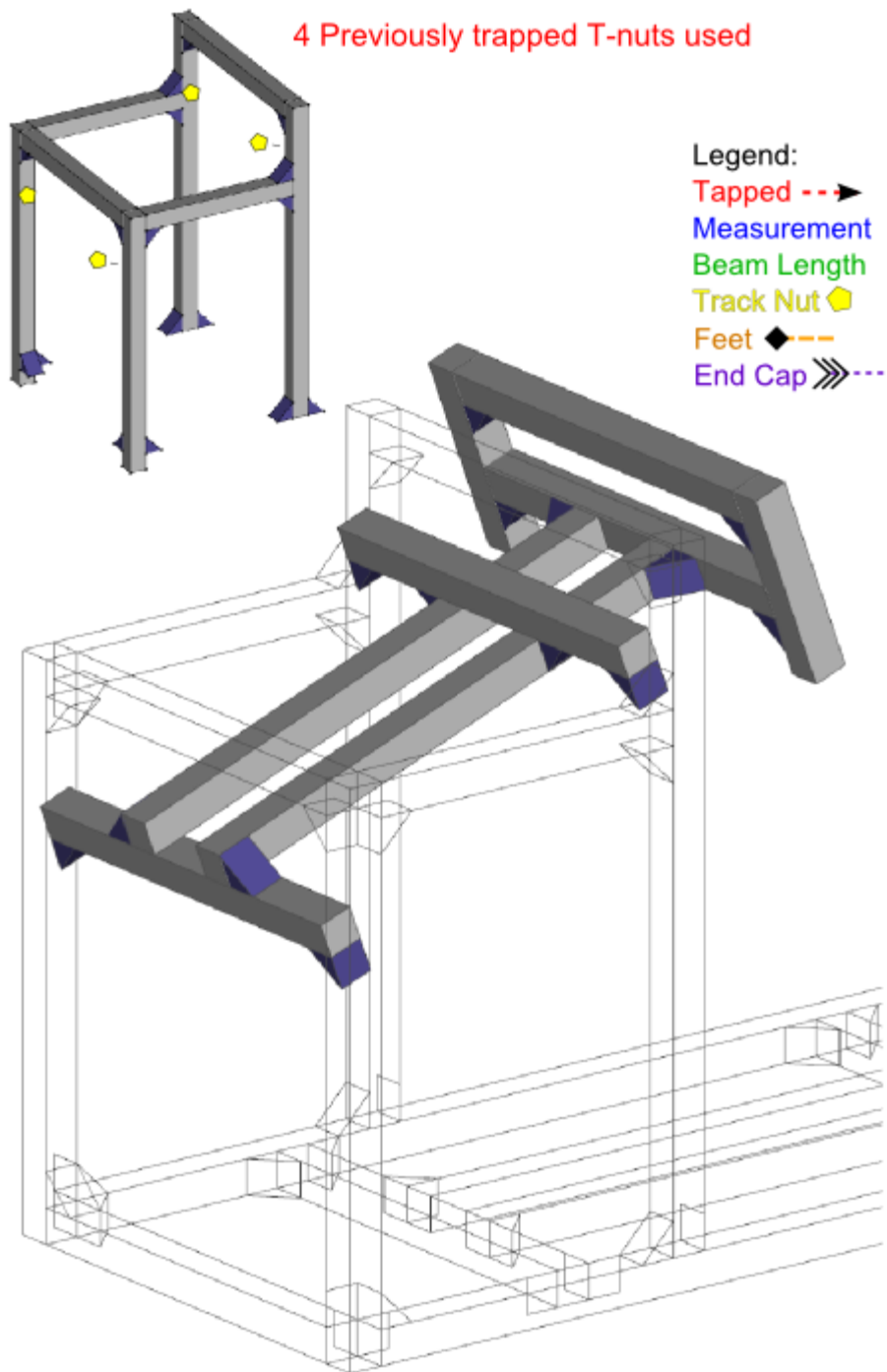


5. Combine Fore, Aft and Base sections.



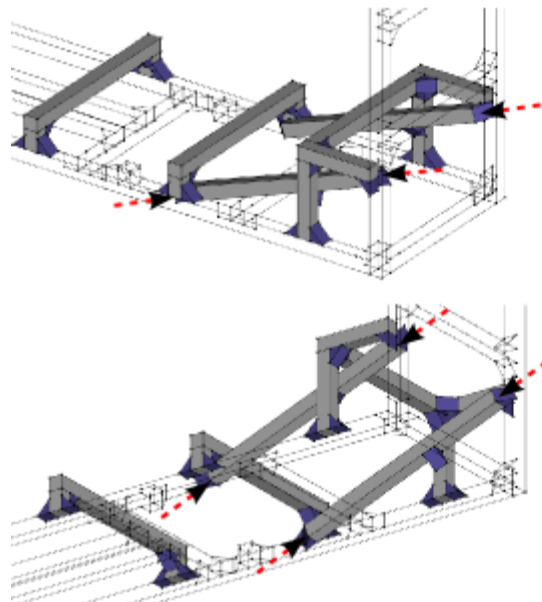
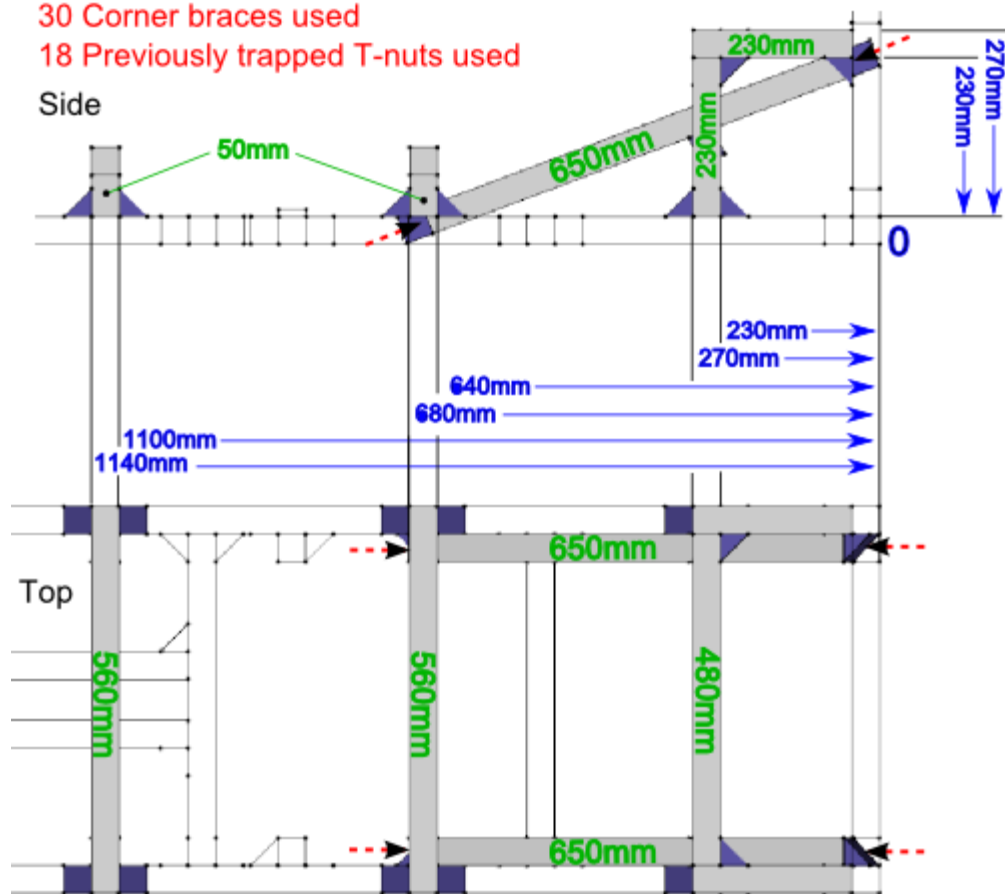


6. Combine For and Column sections.



7. Assemble Seat, Computer stand and Brace sections.

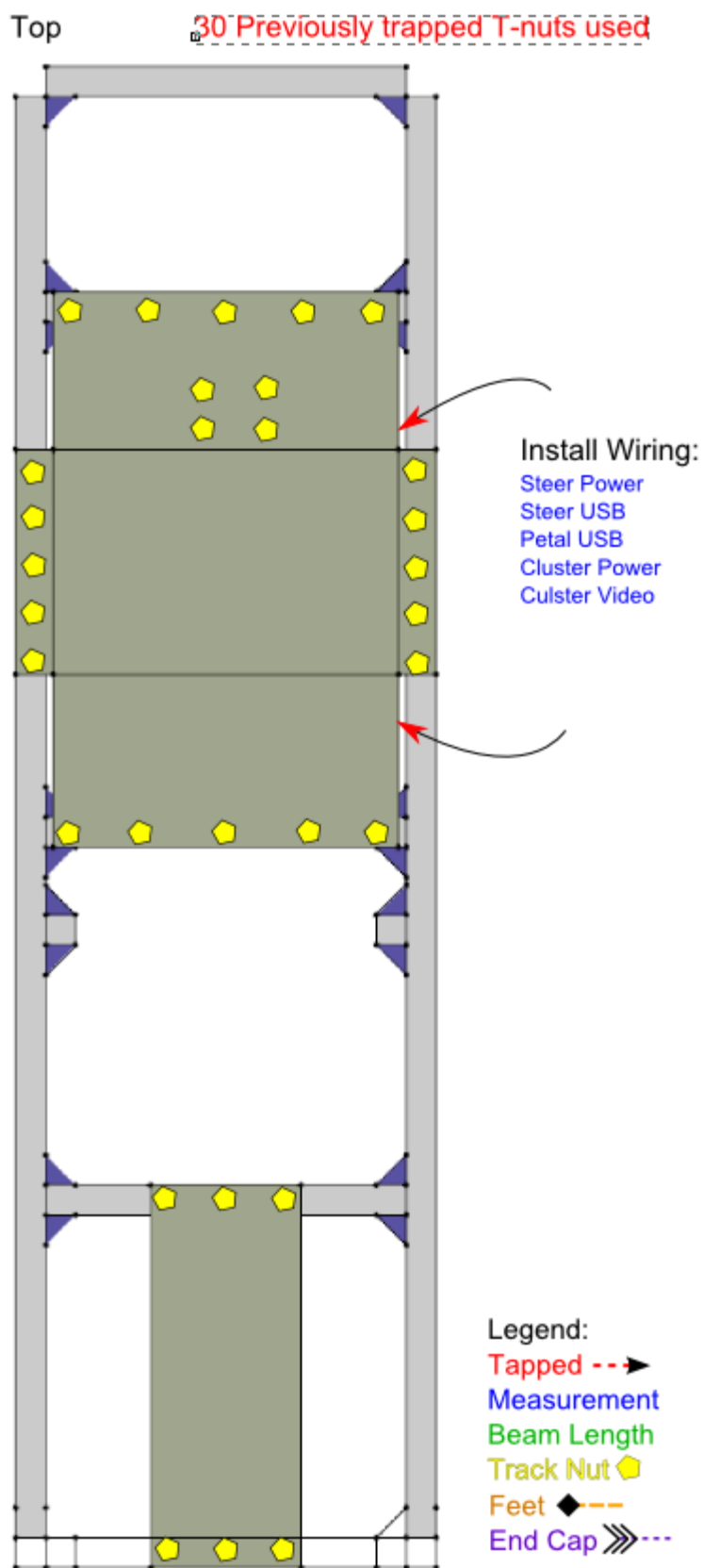
30 Corner braces used  
18 Previously trapped T-nuts used



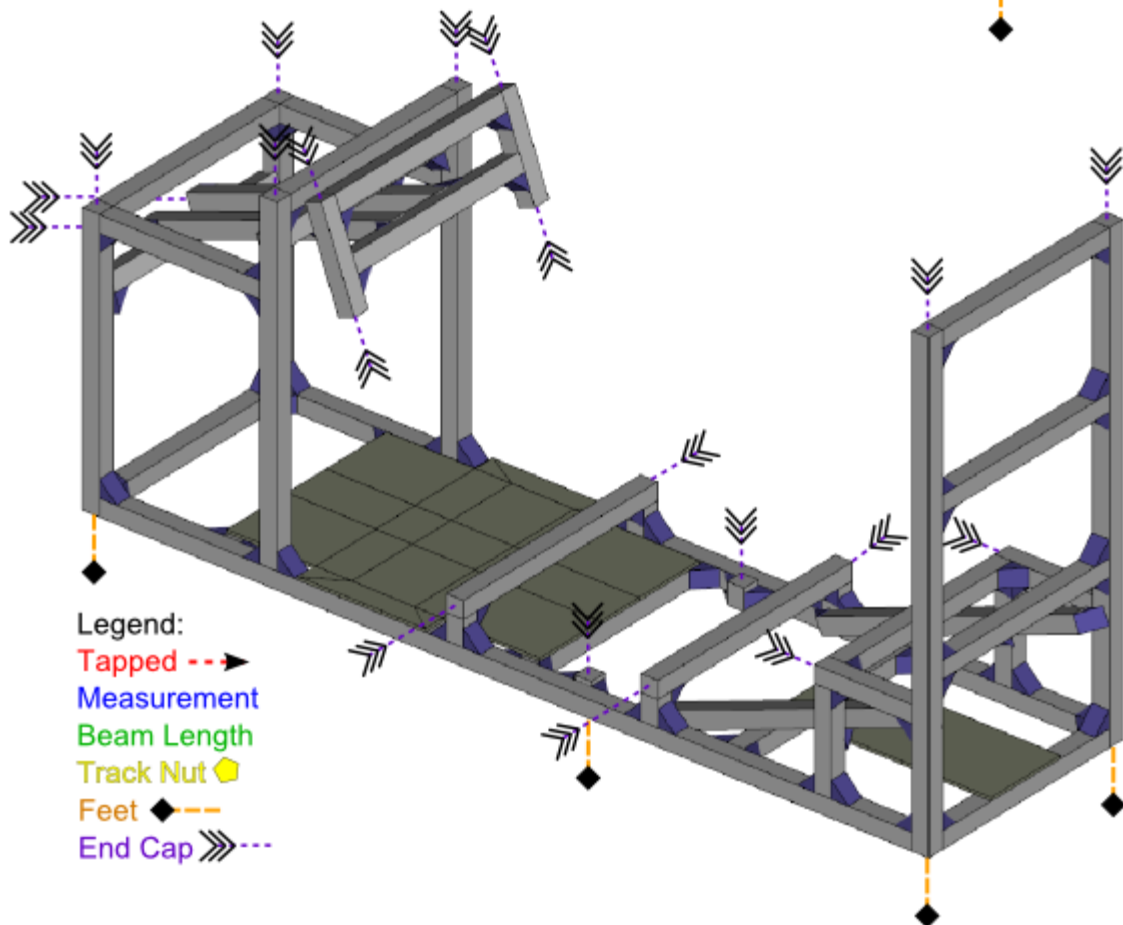
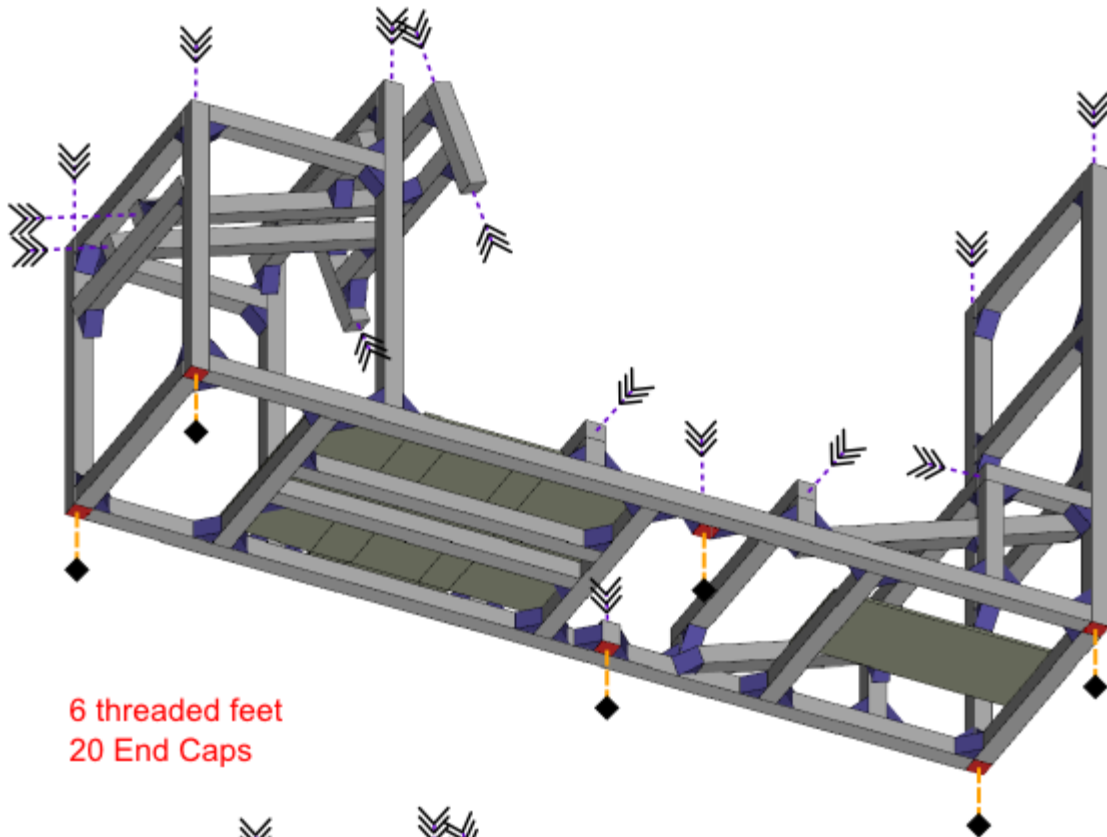
Legend:

Tapped -->  
Measurement  
Beam Length  
Track Nut   
Feet   
End Cap

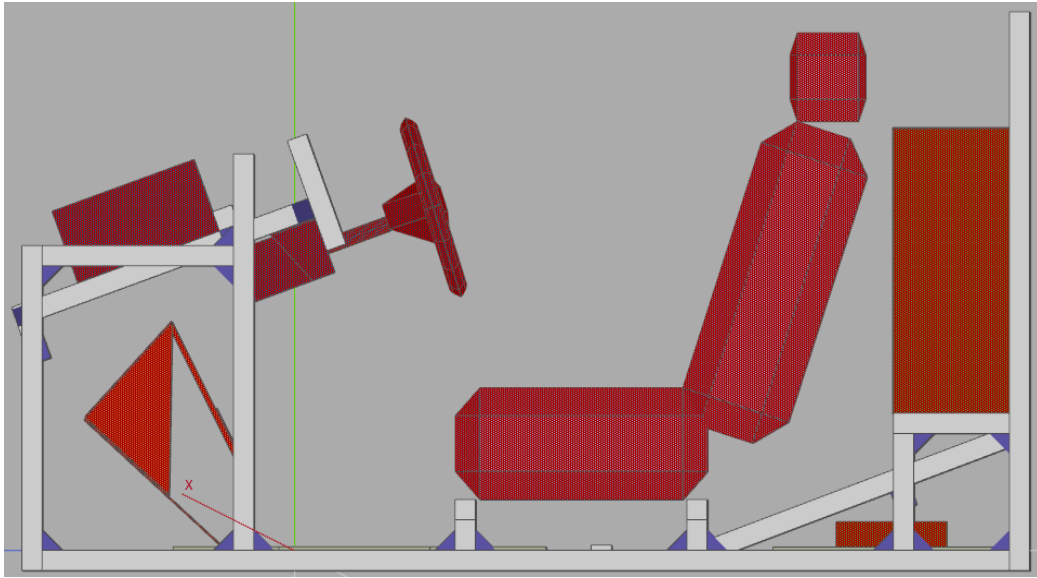
8. Install floor plates.

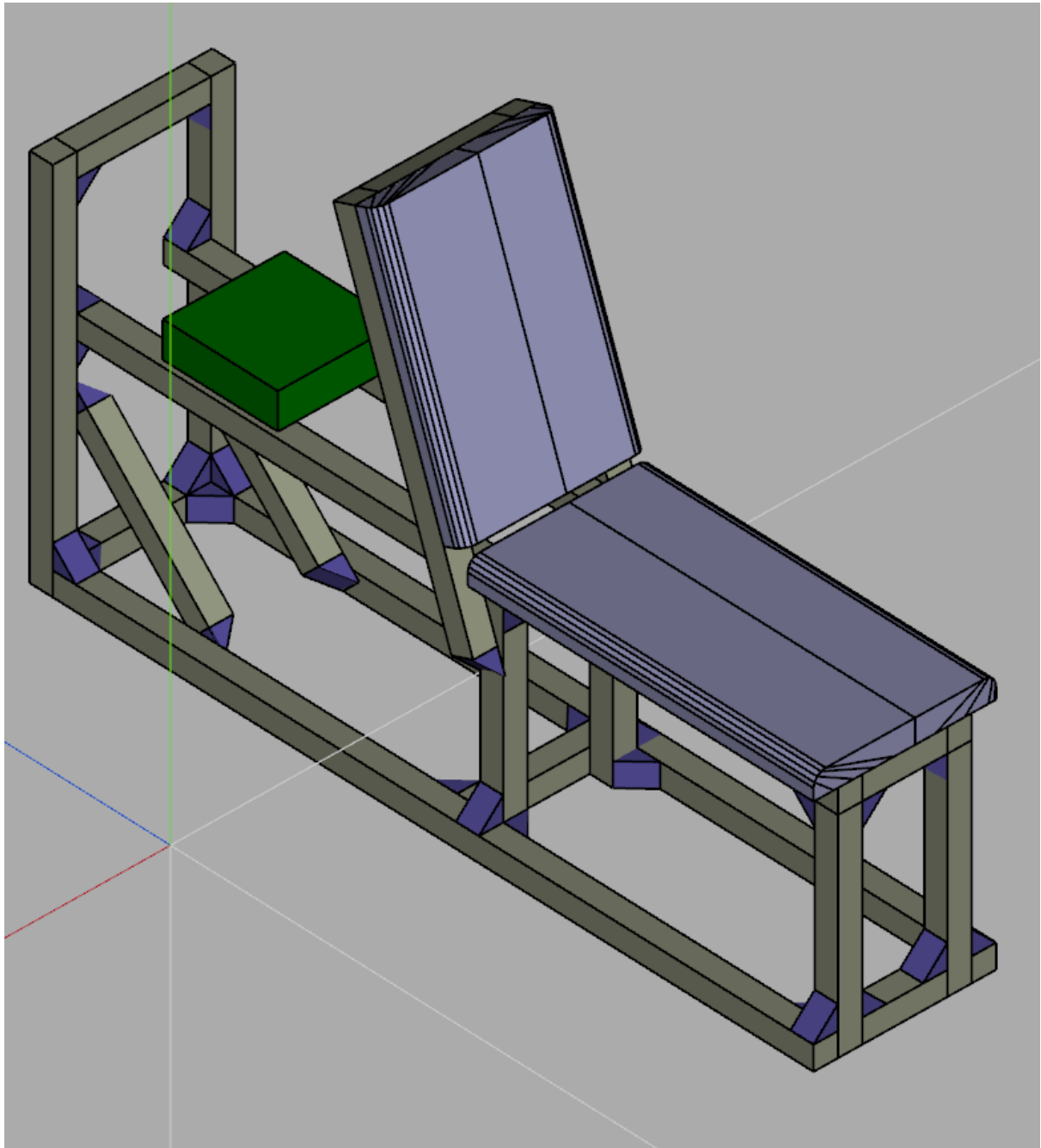


9. Install feet and end caps



10. Install Seat, power supply, (if applicable: computer, pedals, steering wheel).





## Center Assembly

Tools:

Allen Wrench

Metric Tape Measure

Labor: 1 person, 1.5 hours

Inventory Checklist:

Part	Qty	Description	Item ✓
HFS8-4040-140	2	40x40x140mm Bar	
HFS8-4040-220	4	40x40x220mm Bar	
HFS8-4040-300	2	40x40x300mm Bar, dual end tap	
HFS8-4040-360-LTP	4	40x40x360mm Bar, single end tap	
HFS8-4040-600-LTP	2	40x40x600mm Bar, single end tap	
HFS8-4040-640-LTP	2	40x40x640mm Bar, single end tap	
HFS8-4040-1320	2	40x40x1320mm Bar	
HBLFSNF8-SEU	44	1 corner bracket, 2 screws, 2 track nuts	
HFC8-4040-B	20	black end cap	
FJRP12	4	screw in feet	

