



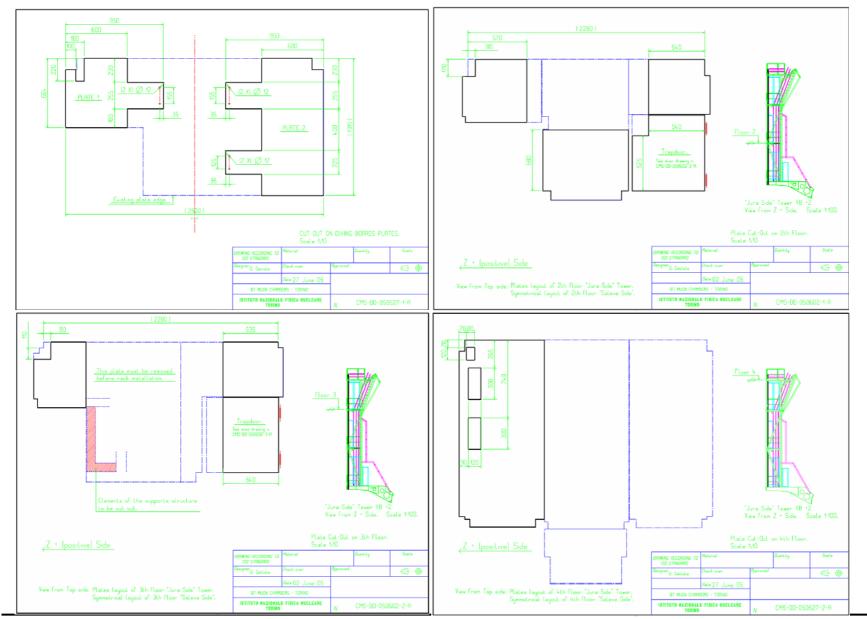
1. Running activities on the wheels

- Racks Installation
- Cable Chain Rack
- Radial cables trays
- Periphery cables trays
- Supports for cables extra-length on towers
- HV and LV Patch panels
- Others
 - Alignment Interface board positioning
 - Hall Probes. CAN-Nodes.
 - HO-RBx position and optical fibers routing on YB0.



Cut-out on towers mobile wheels





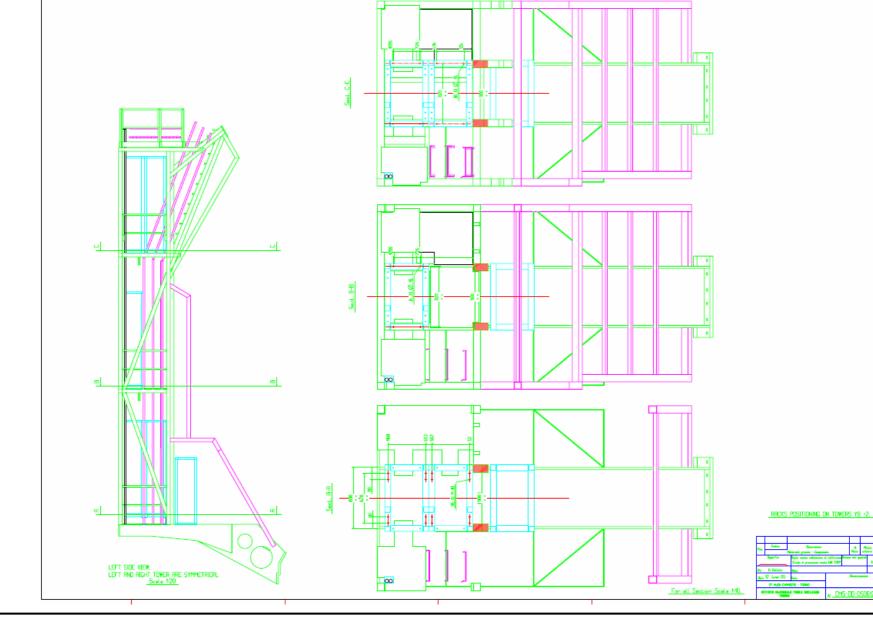
D. D. INFN To/CERN PH CMM

CMS WEEK 050621 Muon Barrel Technical Board.



Racks position on towers mobile wheels (I)





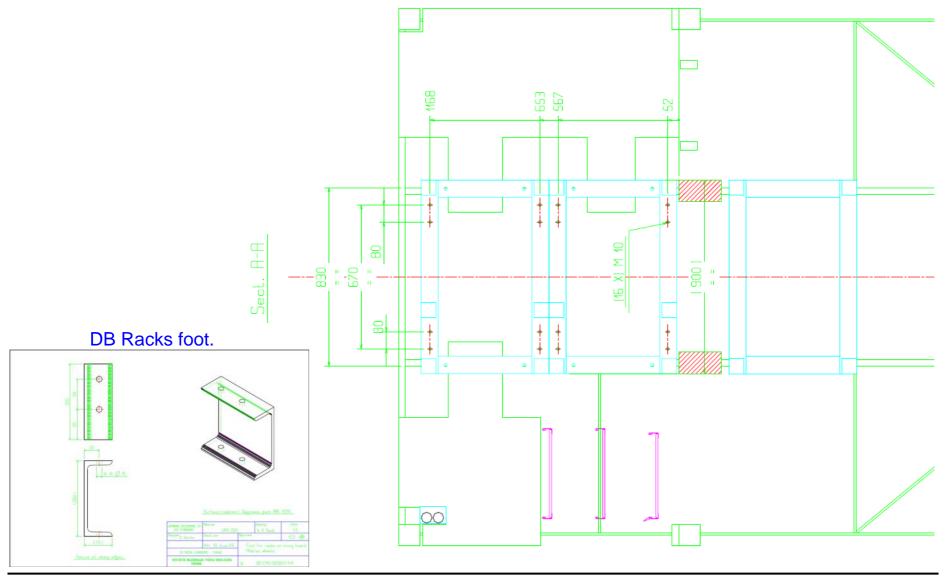
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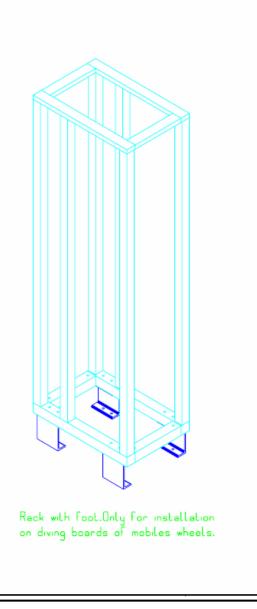
Detail racks position on Diving Board

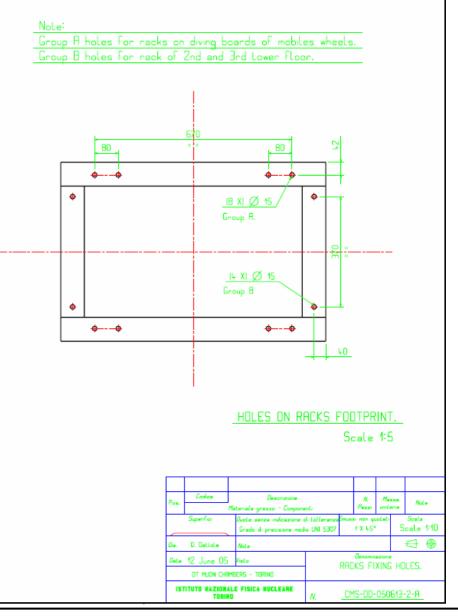




Racks fixing holes



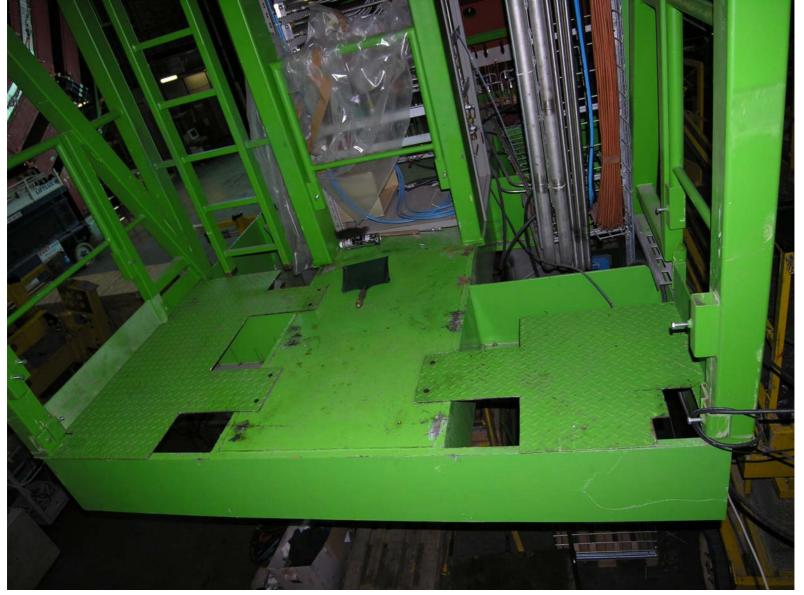






Diving board ready for rack installation







Racks ready for installation on Diving Board



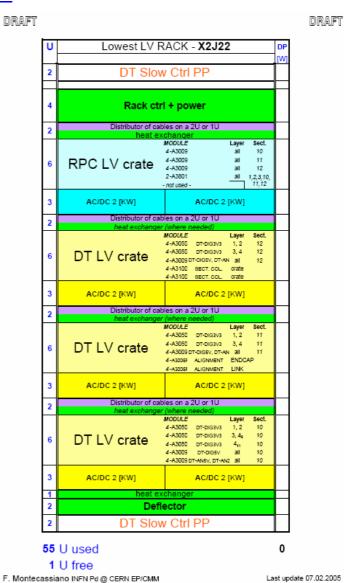






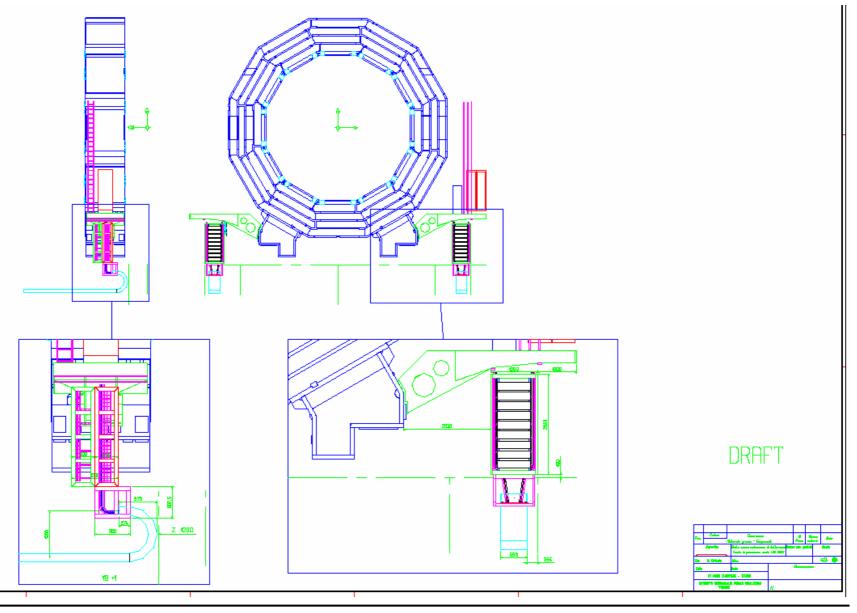
Details still to be fixed







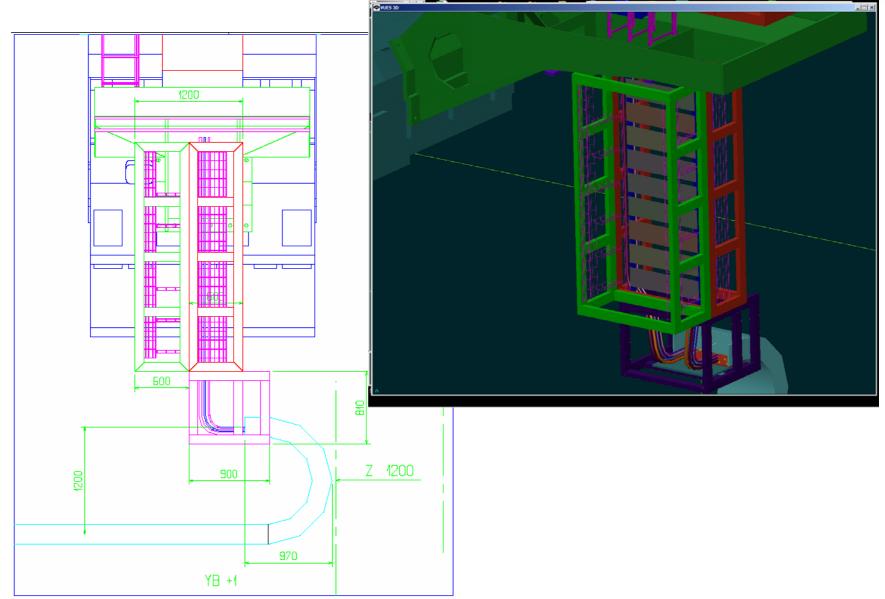






Cable chain Interface rack. Position (II)

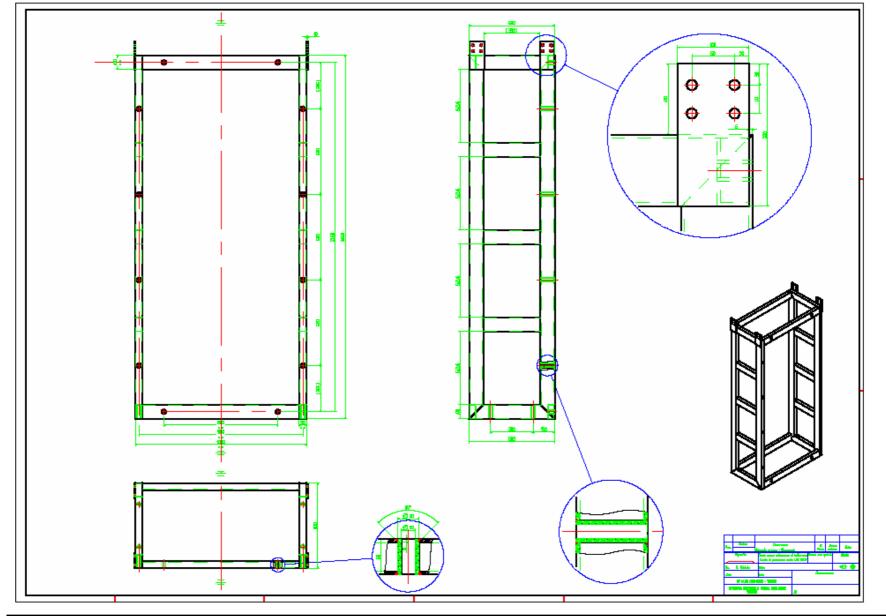






Cable chain Interface rack.







Radial cable tray



Standard components:

Flexrails:

Tolmega C75. Steel. Electrozinc Wire mesh cable tray:

CF 54/300, CF 54/100. Steel. GC



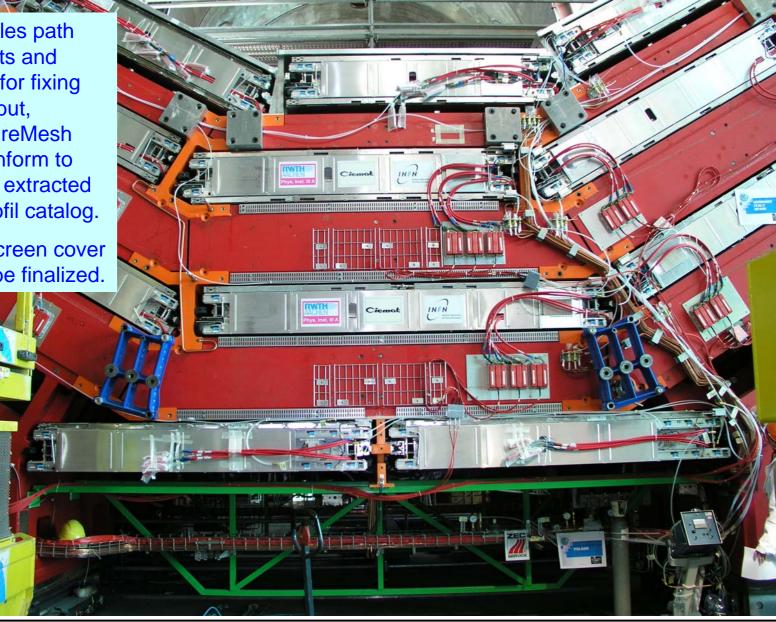


YB2 S10 Services pp and radial cable tray



Radial cables path components and ancillaries for fixing are ready, but, Cablofil WireMesh are not conform to the design extracted from Cablofil catalog.

Thermal screen cover design to be finalized.







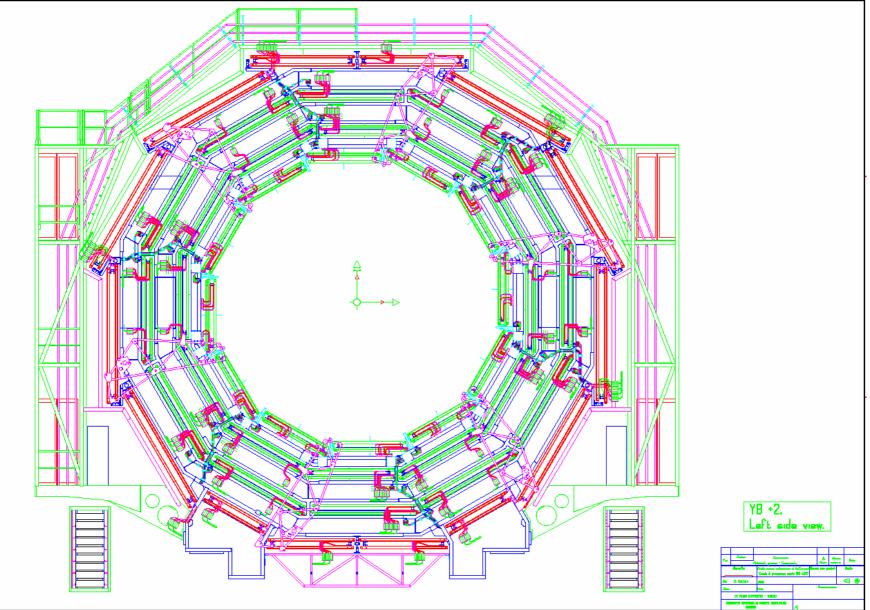
Muon Barrel. Radial Cables Ways and services components status

| Sevices fixing tapered holes | MB1; 2; 3 :Completed on all the wheels. | MB4 : Desing in work |
|-------------------------------|--|---|
| | Note: New LV PP layout require new holes on the iron ! | |
| MB1 fix plate rails | Installed on YB2 | To be produced for all the remaining YB |
| | | |
| HV fixing plate | | |
| HV MB1 | Installed YB2. | To be produced for all the remaining YB |
| HV MB2/3 | Installed on YB2. | To be produced for all the remaining YB |
| | | |
| HV MB4 | Design in work | |
| LV fixing plate | | |
| LV MB1/MB2 | Design ready for manufacture | |
| LV MB3 | Partly installed on YB2. | |
| LV MB4 | Design in work | |
| | | |
| Wire mesh Cable ways | Defined. To be order | |
| Fixing parts | Delivered @ Pt 5 | |
| Flexrail | Delivered @ Pt 5 | |
| Fixing parts | Delivered @ Pt 5 | |
| | | |
| Services Cover/Thermal screen | Proposal. In work | |
| | | |



Periphery Cable tray

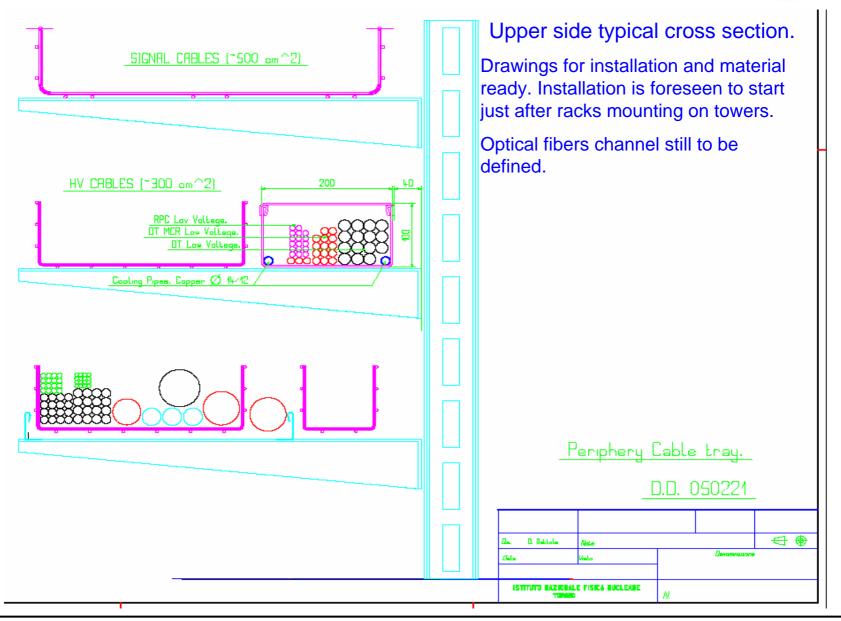






Periphery cable tray layout





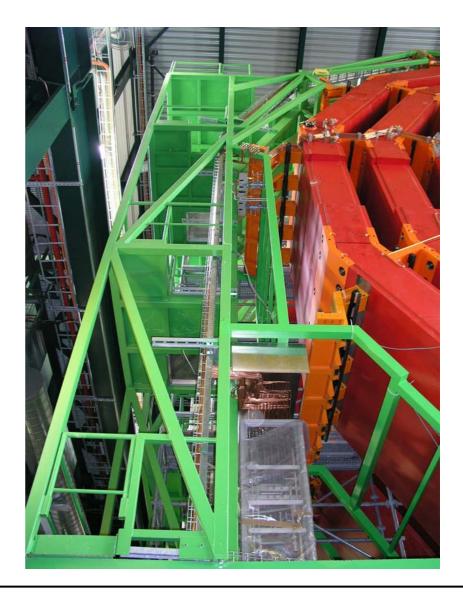


Periphery cable tray



Muon Barrel. Upper Side Periphery Cables Ways components status

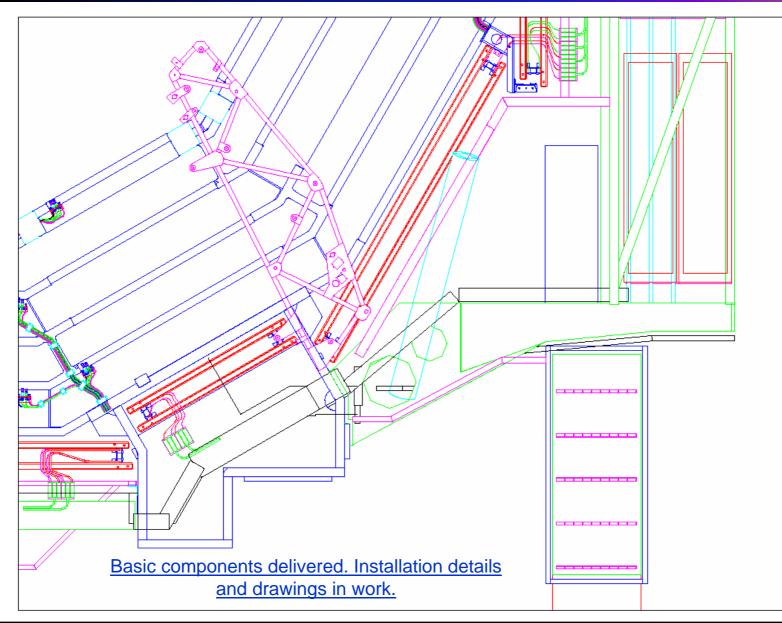
| 1st Layer | | |
|---------------------|---|---------------|
| Gas-Cooling | | Completed |
| Spare cable tray | Cablofil wire mesh 100 X 150 | Deliverd |
| | | |
| 2nd Layer | | |
| Cooled LV | Tolmega 100 X 200 | Delivered |
| DT-RPC Signal | Cablofil wire mesh 100 X 300 | Delivered |
| | | |
| | | |
| 3rd Layer | | |
| DT-RPC HV | Cablofil wire mesh 100 X 500 | Delivered |
| Optical fiber | Detailed list of components in preparation. | To be ordered |
| | | |





Periphery cable tray feet region





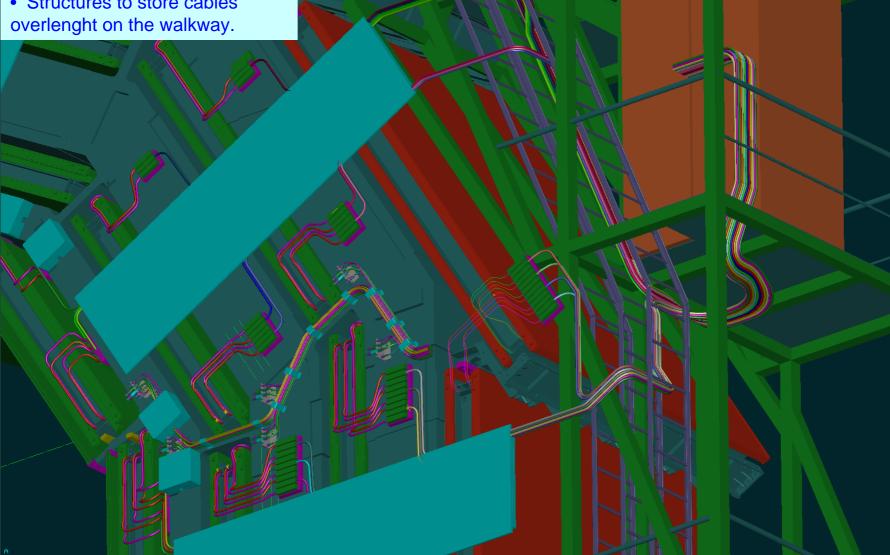


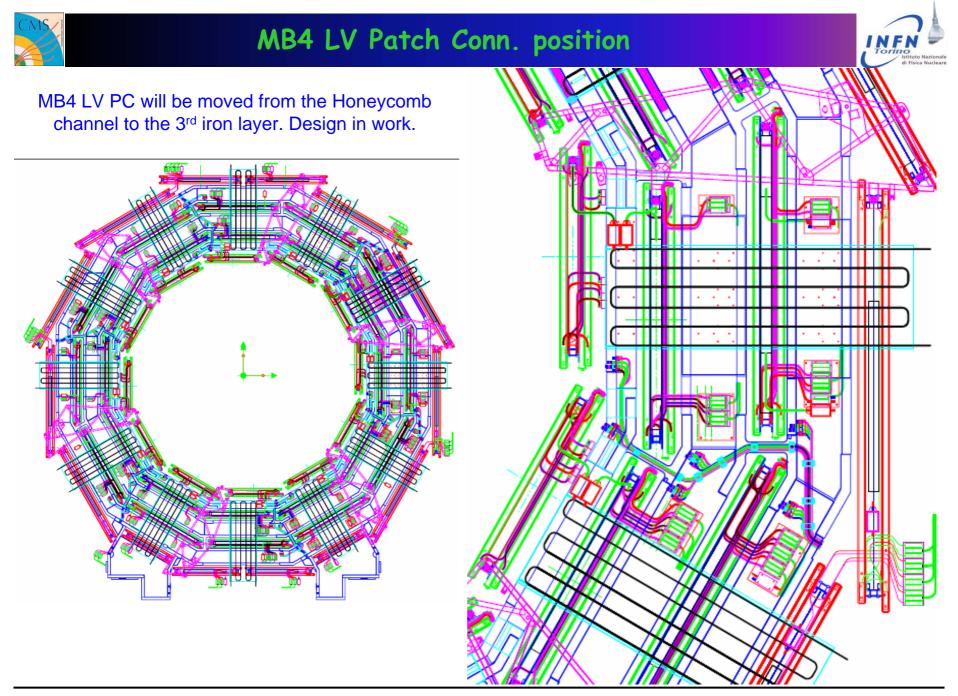
Works on towers





• Structures to store cables

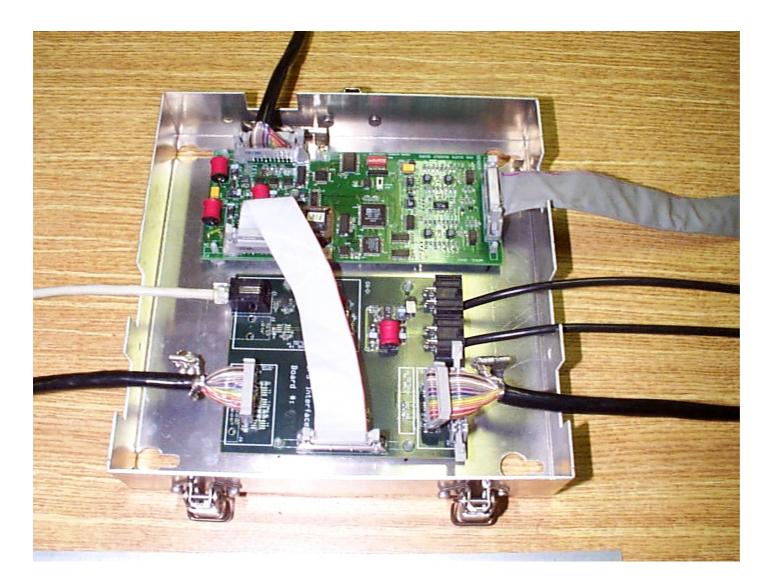






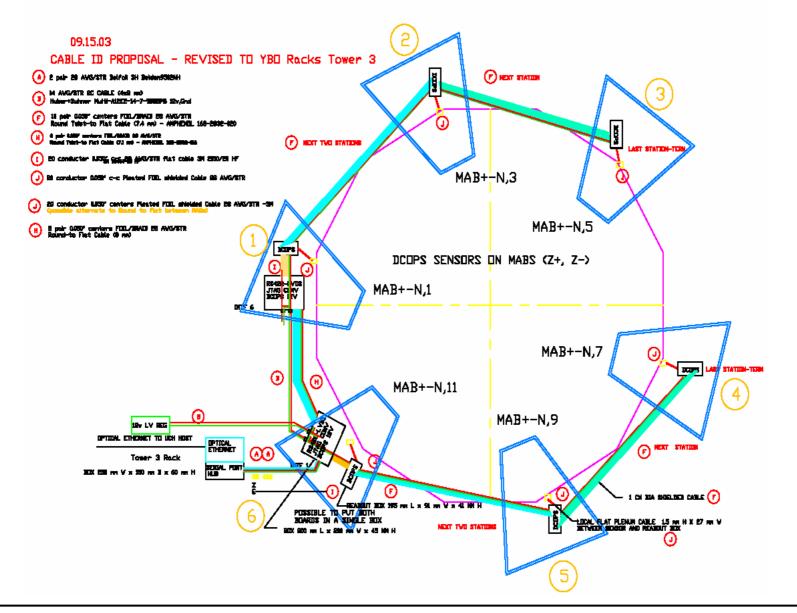
Alignment. Interface Boards





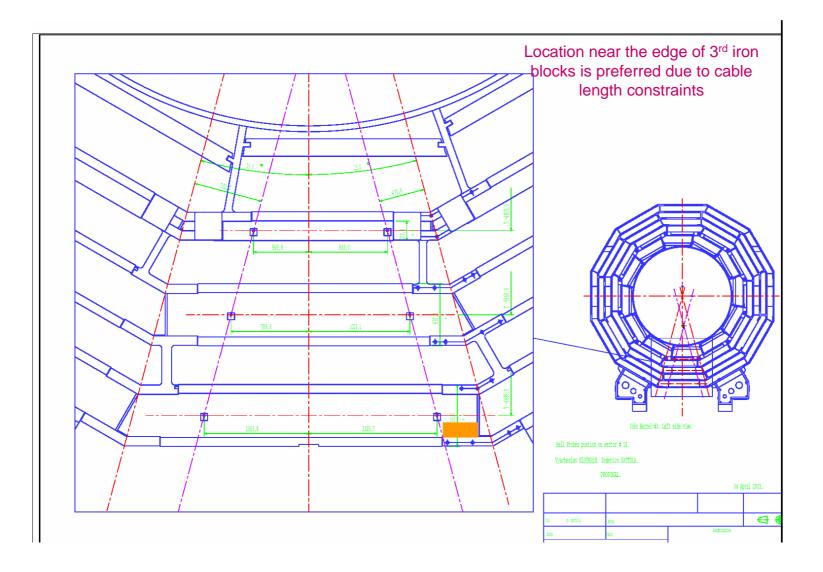














HO-RBx



