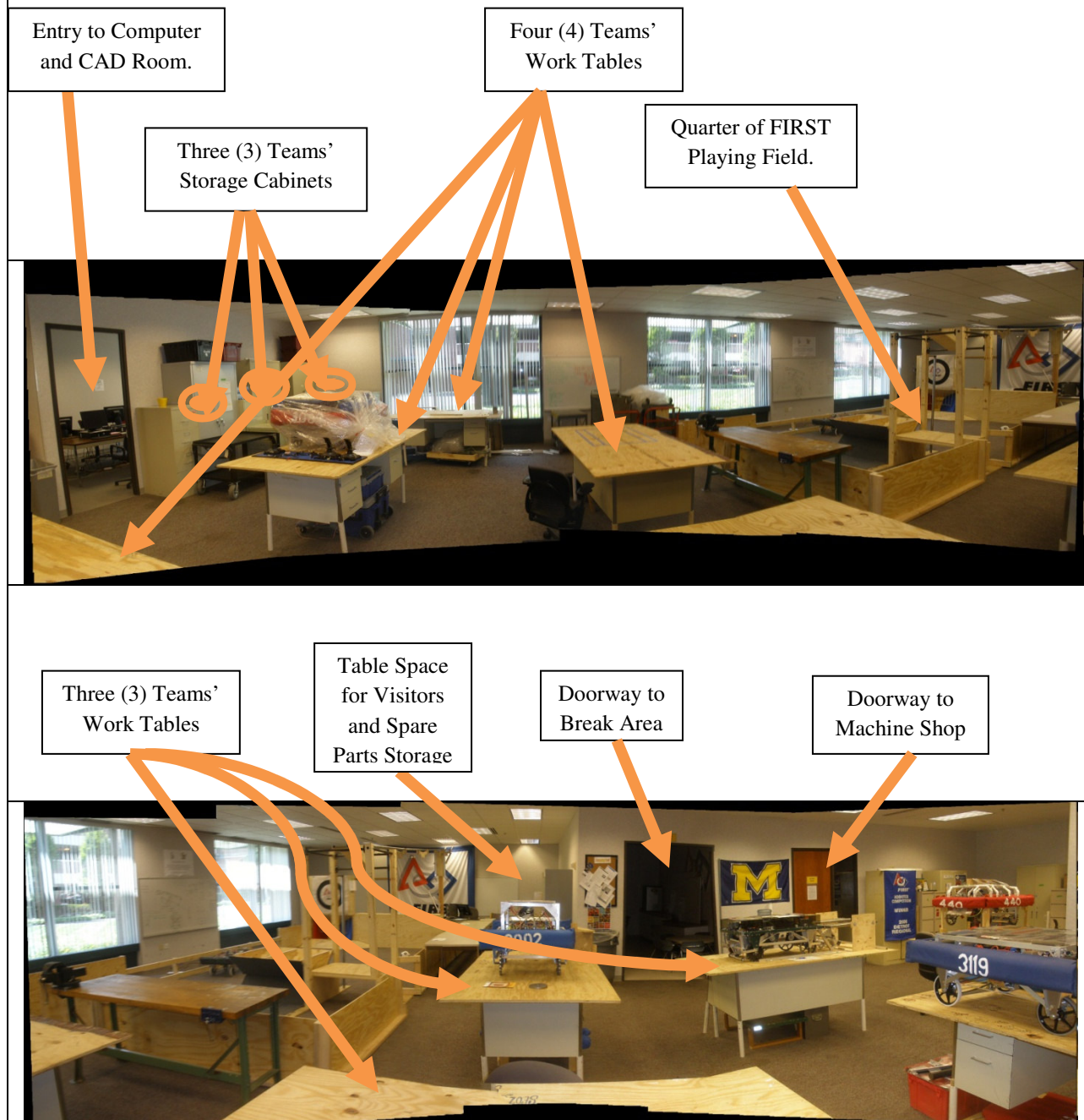


FIRST @ Michigan Engineering Zone
The MEZ: Design Area, Build Area, and Machine Shop

The MEZ Robot Build Area

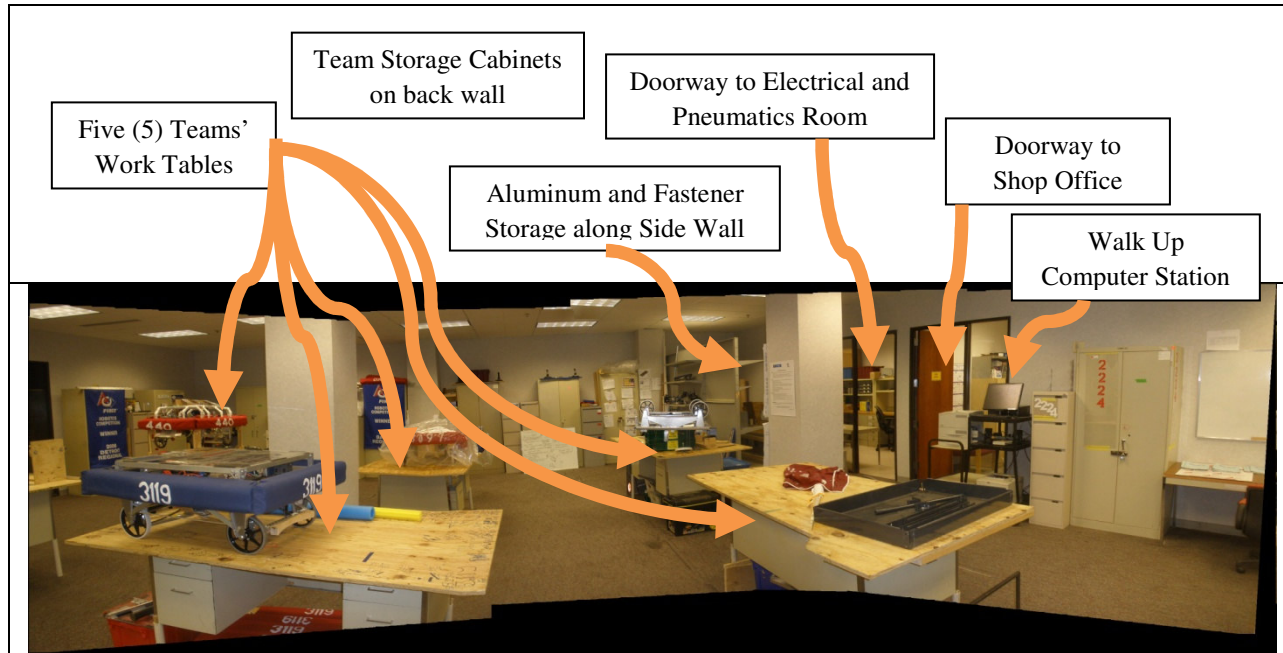
The Build Area of the MEZ (approx. 5,000 sq. ft.) provides the following for each of 12 teams:
Work Table in a 10 ft. by 10 ft. unmarked workspace.
5 drawer file cabinet.
2 Door 4 or 5 shelf locable Storage Cabinet.

Extra work tables are available for up to 4 additional teams requiring short term assistance.



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The MEZ: Design Area, Build Area, and Machine Shop



Shared Resources include:

- Quarter of FIRST Playing Field with game specific field elements.
- Computer Room with 9 computers, ETHERNET network, laser printer, and 36" wide plotter.
- 2 Walk Up Computer Stations.
- Microsoft Office, LabVIEW, PTC/ProENGINEER installed on each.
- Aluminum Stock (angle, square and rectangular tubing, and sheet.
- Bolt and nut and pop rivet storage.
- Electrical and Pneumatic setup and test room.



FIRST @ Michigan Engineering Zone
The MEZ: Design Area, Build Area, and Machine Shop

Machine Shop Equipment

Maching Shop is a room 20 ft. by 20 ft.

6" throat
Drill Press
with 5/8"
Chuck

14"
Bandsaw

4" by 6"
Belt & Disk
Sander

Arbor Press,
Bench Grinder,
4" Vise



Drilling and Milling Machine
23" by 7.5" table
4" drill stroke

Upright Belt
Sander

7" throat
Pedestal
Drill Press
w/ 5/8"
chuck

Kalamazoo
Horizontal
Bandsaw

Lathe
9" by 20"

