Alabama Astrobotics Lab – General Layout

- **Judge Observation Area** (0.91m x 2.74m)
- **Crushed Limestone Competition Arena** 3.78m x 7.39m
- **Landing** (at Same Height as top of Arena Wall)
- **Ramp**
- **34” Masonry Wall to Hold Dirt with Glass on Top**
- **Observation Tables**
- **Retractable Air Hose Reel Mounted to Wall**
- **Retractable Power Reel with Multiple Outlets Mounted from Ceiling**
- **Retractable Air Hose Reel Mounted from Ceiling**
- **Sliding Door to Arena (2.13m Opening)**
- **34” Masonry Wall Floor to Ceiling to Hold Dirt**
- **Switch for Vent Hood**
- **Retractable Air Hose Reel Mounted from Ceiling**
- **Roll Up Door**
- **Window**
- **Cubbies**
- **Laboratory Benches**
- **Judges Table**
- **Whiteboard**
- **Partition**
- **Upper Cabinets**
- **Lower Cabinets**
- **(Control Room)**
- **Floor**
- **Door**
The Collector Bin is right-justified inside the Starting Zone with approximately 0.25 m of space on the left side.
Starting Zone B
(1.65 m x 1.90 m)

Collector Bin

Starting Zone A
(1.65 m x 1.90 m)

Starting Zone Detail
Alabama Astrobotics Lab – Communications Detail

Judge Observation Area
(0.91m x 2.74m)

Competition Arena
3.78m x 7.38m

Overall Inside Dimensions

Landing (at Same Height as top of Arena Wall)

Ramp

Starting Zone A
(1.65m x 1.90 m)

Starting Zone B
(1.65m x 1.90 m)

Collector Bin

Switch for Vent Hood

Masonry Wall to Hold Dirt
with Glass on Top

Network switch for laptops, countdown timer, gravel mass, arena camera view(s)

Teams place wireless router here. There is a male RJ-45 connector hardwired from here to the control room.

Judges Table

Lower Cabinets

Upper Cabinets
(Control Room)

Whiteboard
Partition

Cubbies

Wall
Floor
Partition

Masonry Wall Floor to Ceiling to Hold Dirt

Observation Tables

Sink

Upper Cabinets

(0.91m)

Door

Roll Up Door

Window

Whiteboard
Partition

Cubbies

Laboratory Bench

Judges Table

Whiteboard
Partition

Cubbies

Laboratory Bench

Judges Table

Whiteboard
Partition

Cubbies

Laboratory Bench

Judges Table

Whiteboard
Partition

Cubbies