Q: Do you have a layout of the facility.
A: See below for floor plan; interior view of woodshop; and exterior view of work court and approximate location of dust collector

Q: Please supply the information on each piece of equipment the dust collection system will be attached.
A: CR Onsrud, Extreme Duty HD122, 4 axis, CNC router
   Felder K700 S Plus Panel Saw
   Felder A741 Jointer
   Felder D951 Standard Planer
   Felder FB 400 Band Saw
   Rockwell (Model 20) Vertical Band Saw
   Delta Sanding Station (Model No. 52/611)
   Delta Radial Arm Saw (Model No. 430/02/314/2067)
   Delta 14” Band Saw (Model No. 28/245)

Q: Does each piece of equipment have a dust collection port (?) and what is the O.D. of each?
A: Yes
   • CR Onsrud CNC router - **one port: 12”** (CR Onsrud CNC routers require approximately 3800 - 4000 CFM of dust collection flow for machines fitted with a 12” dust outlet)
   • Felder K700 S Plus Panel Saw - **two ports: 4 3/4” & 3”**
   • Felder A741 Jointer - **one port: 4 3/4”**
   • Felder D951 Standard Planer - **one port: 5 1/2”**
   • Felder FB 400 Band Saw - **one port: 4 3/4”**
   • Rockwell (Model 20) Vertical Band Saw - **one port: 2 1/4”**
   • Delta Sanding station- **two ports: 4” & 3”**
   • Delta Radial Arm Saw - **one port: 4”**
   • Delta Band Saw (14”) - **one port: 1 3/8”**
   • Additional to equipment connections to dust collector:
     o Floor sweeps (2)
     o Extra blast gates (2) for future equipment additions

Q: Will all of the dust collection ports or intakes be operating at one time?
A: No
   • These are likely combinations:
     o Sliding table saw and CNC router
     o Planer and CNC router
     o Jointer and CNC router
- Radial arm saw and CNC router
- Sanding station, radial arm saw, band saw and CNC router
- Note: the sliding table saw, planer, jointer, and radial arm saw will not likely be operational at the same time since they are restricted use by woodshop manager only
- As an example scenario at peak time, we could potentially have students at the sanding station, band saws, the CNC router would be running (by trained faculty/personnel) and the woodshop manager would be using the sliding table saw

**Additional equipment to consider:**
- Pipe connection to CNC router from Kaeser BSV100 Vacuum Station
- Smart Pipe connection to Kaeser 7.5C Sigma Compressed Air Station
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