House 1

House 2
**PRO's**
- All new facility
- Ability to separate occupied school from new construction
- Optimal solar orientation for classroom wing

**CON's**
- Parking lot located across busy street from new school facility
- Fields located across busy street from the new facility
- CTE and HS programs are less integrated due to narrow site
- Small Learning Communities are not well defined due to narrow site
- CTE automotive does not have easy access for public
- Re-use existing barn but very remote from new facility
- Rebuilt four fields
- Rebuild parking lots
- Pick up and drop off area is constrained
- Service area is constrained and not adjacent to kitchen
- Builds new facility adjacent to multiple abutters

**COLOR LEGEND**

- Administration
- Community / Shared
- Classroom
- Special Education
- Science
- CTE Integrated
- CTE Public
- CTE Service
- CTE Stand Alone

**New Construction - Alt Site A**
Dover HS / CTC
Dover, NH
UPDATED 04/07/2015

<table>
<thead>
<tr>
<th>Floor</th>
<th>Total SF</th>
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</thead>
<tbody>
<tr>
<td>First Floor</td>
<td>174,870 sf</td>
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<tr>
<td>Second Floor</td>
<td>60,476 sf</td>
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<tr>
<td>Third Floor</td>
<td>41,646 sf</td>
</tr>
<tr>
<td>Animal Science</td>
<td>8,500 sf (6,500 new / 2000 existing)</td>
</tr>
<tr>
<td>Total</td>
<td>285,946 sf</td>
</tr>
<tr>
<td>Net To Gross</td>
<td>1.33</td>
</tr>
</tbody>
</table>
Clearly defined small learning communities

All new facility

Re-use access roadways

1.41

Ability to separate occupied school from construction activity

Fully integrated CTE and HS programs

Integrated CTE Workyard

Clearly defined small learning communities

Two story option

Re-use access roadways

Poor solar orientation for classroom wings

Re-use existing barn, but will be remote from main school

Rebuild three fields plus some track & field structures

Rebuild parking lot and service road

**PRO’s**

- All new facility
- Ability to separate occupied school from construction activity
- Gives new facility presence on a main road
- Fully integrated CTE and HS programs
- Integrated CTE Workyard
- Clearly defined small learning communities
- Two story option
- Re-use access roadways

**CON’s**

- Poor solar orientation for classroom wings
- Re-use existing barn, but will be remote from main school
- Rebuild three fields plus some track & field structures
- Rebuild parking lot and service road

New Construction - Alt Site B
Dover HS / CTC

First Floor - 201,266 sf
Second Floor - 93,675 sf
Animal Science - 8,500 sf (4,500 new / 2000 existing)

Total - 303,441 sf
Net To Gross - 1.41

COLOR LEGEND

- Administration
- Community / Shared
- Classroom
- Special Education
- Science
- CTC Integrated
- CTC Public
- CTC Service
- CTC Stand Alone
- Kitchen
- Mechanical
- Storage
- Support
- Toilet Rooms
- Circulation

SITE MAP

SECOND FLOOR

FIRST FLOOR

Dover, NH
UPDATED 04/07/2015
Pro's
- Test cost effectiveness of renovation
- Building will confirm to all codes

Con's
- Educationally disruptive over 4 years min
- 1/4th of students to be located elsewhere during construction
- No change to educational program
- Addition still required to make CTE classrooms safe
- Will still have large amount of classrooms without windows
- Will still have challenging accessibility paths
- Does not address any increase in population

Total Square Footage = approximately 250,000 sf
Renovation / Addition - Option 1
Dover HS / CTC
Dover, NH
UPDATED 04/07/2015

PRO’S
- Clearly defined small learning communities
- Re-using parts of existing building may reduce cost
- Build new facility on existing parking
- Re-use existing access roadway
- Re-use existing barn, located near new facility
- Good solar orientation for some classrooms

CON’S
- New addition is directly adjacent to occupied school; construction activities may impact learning
- Construction access during school hours will be difficult
- Renovation work would take place over multiple summers & may result in longer construction period
- CTE and HS programs are not fully integrated due to renovation of existing CTC wing
- Access to animal science and service in rear of building is challenging

COLOR LEGEND
- Administration
- Community / Shared
- Classroom
- Special Education
- Science
- CTC Integrated
- CTC Public
- CTC Service
- CTC Stand Alone
- Kitchen
- Mechanical
- Storage
- Support
- Toilet Rooms
- Circulation

First Floor - 185,681 sf
Second Floor - 75,999 sf
Third Floor - 35,423 sf
Animal Science - 8,500 sf (6,500 new / 2000 existing)
Total - 305,803 sf
Net To Gross - 1.42

Site Plan
1.39

New addition is easier to access during school hours

Renovation work would take place over multiple summers and may result in a longer construction period

Re-use existing building may reduce costs

New addition is easier to access during school hours

Re-use existing parking & access roadway

Re-use existing barn, located near new facility

Good solar orientation for most classrooms

**PRO’S**

- Clearly defined Small Learning Communities
- Full integration of CTE and HS Programs
- Integrated workyard for CTC
- Exterior courtyard for outdoor classroom
- Re-use parts of the existing building may reduce costs
- New addition is easier to access during school hours
- Re-use existing parking & access roadway
- Re-use existing barn, located near new facility
- Good solar orientation for most classrooms

**CON’s**

- New addition is directly adjacent to occupied school; construction activities may impact learning
- Renovation work would take place over multiple summers and may result in a longer construction period
- Rebuild 1 new field & tennis courts
- Challenging topography

**Renovation/Addition Option - 2**

Dover HS / CTC

Dover, NH

UPDATED 04/07/2015
PRO’s
- All new facility
- Ability to separate occupied school from construction activity
- Fully integrated CTE and HS programs
- Clearly defined Small Learning Communities
- Smallest overall gross sf
- Exterior courtyard for outdoor classroom
- Re-use parking area & access roadways
- Re-use existing barn, located near new facility
- Good solar orientation for classroom wings
- Large area for pick up and drop off
- Separate service area

CON’S
- Rebuild softball field and tennis courts
- CTC workyard not integrated
- Challenging topography

New Construction - Option 3
Dover HS / CTC
Dover, NH
UPDATED 04/07/2015

First Floor  - 159,629 sf
Second Floor - 76,831 sf
Third Floor  - 39,052 sf
Animal Science - 8,500 sf (6,500 new / 2000 existing)

Total        - 284,012 sf
Net To Gross - 1.32