

## **Rock Terrace School/Tilden Middle School Roundtable Discussion Group**

### **Summary of Meeting #3—January 20, 2015**

The Rock Terrace School/Tilden Middle School Roundtable Discussion Group (Roundtable) met for its third meeting on January 20, 2015. The meeting was held in the Library Media Center of Tilden Middle School from 5:00 to 6:30 p.m. and 7:00 to 8:30 p.m. Two meetings were held to accommodate the teacher's professional day. The materials handed out at the meeting follow this summary.

Ms. Deborah S. Szyfer, senior planner, Division of Long-range Planning, Department of Facilities Management, Montgomery County Public Schools (MCPS), and Mr. Paul Falkenbury and Ms. Sandra Wu, from Samaha Associates PC, facilitated this meeting. Ms. Szyfer shared that Samaha Associates PC were appointed by the Board of Education at the January 13, 2015, meeting to conduct the feasibility study for the revitalization/expansion project of Tilden Middle School and to provide support during the Roundtable. If the Board approves the collocation, Samaha Associates PC would conduct the feasibility study for the collocation of Rock Terrace School and Tilden Middle School.

Ms. Szyfer reviewed the agenda, outcomes for the meeting, and the feedback from the previous meeting. Ms. Szyfer shared two proposed plans from the feasibility study for the future collocation of Maryvale Elementary School and Carl Sandburg Learning Center. Ms. Szyfer continued with a summary of the design charrette from the second meeting.

The remainder of the meeting was dedicated to Mr. Falkenbury and Ms. Wu presenting eight collocation design concepts. A summary of the eight concepts is presented below. The concepts are included at the end of this summary. Ms. Szyfer explained that the design concepts presented at the meeting are broad-based ideas to help facilitate the discussion for the possible collocation of Rock Terrace School and Tilden Middle School. Specific details for the building and the site will be developed during the feasibility study phase of the project.

#### Concept 1

- Two separate schools with Rock Terrace School located along Tilden Lane and Tilden Middle School located along Marcliff Road
- Two bus loading areas and one shared parking/student drop-off area
- Two-story facility for Rock Terrace School and three-story classroom facility for Tilden Middle School
- Courtyards provided for both schools
- Basketball and tennis courts located adjacent to Tilden Middle School dining area

- Greenhouse located near Rock Terrace School specialty labs within the building

### Concept 2

- Two separate schools with Tilden Middle School located along Tilden Lane and Rock Terrace School location along Marcliff Road
- One shared bus loading area and two separate parking/student drop-off areas
- Partial two-story facility for Rock Terrace School and three-story classroom facility for Tilden Middle School
- Courtyards provided for both schools
- Basketball and tennis courts not located adjacent to Tilden Middle School dining area
- Greenhouse located adjacent to Rock Terrace School specialty labs within the building

### Concept 3

- One facility for both schools with Rock Terrace School along Tilden Lane and Tilden Middle School along Marcliff Road
- One shared bus loop and two separate parking/student drop-off areas
- Two-story facility for Rock Terrace School and three-story classroom wing for Tilden Middle School
- Two courtyards provided, one for each school
- Basketball and tennis courts located near but not adjacent to Tilden Middle School dining area
- Greenhouse not located near the Rock Terrace School specialty labs and separate from the school building
- One shared entrance with two separate administration suites
- Kitchen is shared by both schools

### Concept 4

- One facility for both schools with Rock Terrace School along Tilden Lane and Tilden Middle School along Marcliff Road
- One shared bus loop and two separate parking/student drop-off areas
- One-story facility for Rock Terrace School and three-story classroom wing for Tilden Middle School
- Three courtyards provided, one for each school and the third for the shared areas of the schools
- Basketball and tennis courts located adjacent to Tilden Middle School dining area
- Greenhouse is located near the Rock Terrace School specialty labs and within the courtyard
- Two separate entrances with a shared administration area
- Kitchen is shared by both schools
- Library/Media Center is shared by both schools

### Concept 5

- One facility for both schools with Tilden Middle School along Tilden Lane and Rock Terrace School along Marcliff Road
- One shared bus loop and two separate parking/student drop-off areas
- Two-story facility for Rock Terrace School and three-story classroom wing for Tilden Middle School
- Two courtyards provided, one for each school
- Basketball and tennis courts not located near the Tilden Middle School dining area
- Greenhouse is located near the Rock Terrace School specialty labs and within the courtyard
- Two separate entrances on opposite ends of the building with separate administration suites
- Kitchen is shared by both schools
- Physical education spaces for both schools are located adjacent to each other

### Concept 6

- One facility for both schools with Rock Terrace School along Tilden Lane and Tilden Middle School along Marcliff Road
- One shared bus loop and two separate parking/student drop-off areas
- Two-story facility for Rock Terrace School and three-story classroom wing for Tilden Middle School
- One courtyard provided that is shared by both schools
- Basketball and tennis courts not located near the Tilden Middle School dining area
- Greenhouse is located in the courtyard but not adjacent to the Rock Terrace School specialty labs
- Two separate entrances and administration areas
- Kitchen is shared by both schools
- Physical education spaces for both schools are located adjacent to each other

### Concept 7

- One facility for both schools with Tilden Middle School along Tilden Lane and Rock Terrace School along Marcliff Road
- One shared bus loop and two separate parking/student drop-off areas
- Two-story facility for Rock Terrace School and three-story classroom wing for Tilden Middle School
- Two courtyards provided, one for each school
- Basketball and tennis courts not located near the Tilden Middle School dining area
- Greenhouse is located near the Rock Terrace School specialty labs
- Two separate entrances with a shared administration area
- Kitchen is shared by both schools
- Library Media Center is shared by both schools

## Concept 8

- One facility for both schools with Tilden Middle School along Tilden Lane and Rock Terrace School along Marcliff Road
- One shared bus loop and two separate parking/student drop-off areas
- Two-story facility for Rock Terrace School and three-story classroom wing for Tilden Middle School
- Two courtyards provided, one for each school
- Basketball and tennis courts not located near the Tilden Middle School dining area
- Greenhouse is located near the Rock Terrace School specialty labs and within the courtyard
- Two separate entrances and administration areas
- Kitchen is shared by both schools
- Physical education spaces are located adjacent to each other

After the presentation of the eight design concepts, Ms. Szyfer facilitated a discussion of the concepts to clarify and eliminate concepts. The Roundtable members agreed that only one concept that showed two separate schools was necessary to discuss the pros and cons of collocation. Therefore, Concept 2 was eliminated for future discussions. For Concept 3, the Roundtable members did not support the idea of the two schools sharing a single entrance. The architects will modify Concept 3 to provide separate entrances for each school. No changes were requested to be made for Concepts 4 and 5.

Although the building in Concept 6 provides an efficient use of the site, the concept was eliminated due to the difficulty in providing direct circulation for Tilden Middle School students without crossing into Rock Terrace Middle School hallways. In addition, because Rock Terrace School would be located at the back of the site, it would be difficult to provide a strong and clear identity for Rock Terrace School.

For Concept 7, the Roundtable members requested that the architects explore switching the location of Rock Terrace School and Tilden Middle School to improve the site efficiency and adjacencies of the basketball and tennis courts. Finally, the Roundtable members requested that the architects revise the site plan for Concept 8 so that the basketball and tennis courts could be located closer to the facility.

For all of the concepts, the Roundtable members discussed the location of the service area to minimize the impact of this area to students. The architects will review the remaining six concepts to determine if there is a way to improve the location of the service area and how it relates to the student travel to the outdoor physical education facilities.

One observer raised a concern about the number of parents who have queued on the Tilden Lane site when Cabin John Middle School was housed at the school. Mr. Falkenbury and Ms. Szyfer explained that a student drop-off area, along with the bus loading area, will be developed during the feasibility study. A second observer asked the purpose of the collocation. Dr. Mason and

Ms. Szyfer explained the purpose of the collocation. A description of the purpose can be found in the charge to the Roundtable. An observer also asked that the design team explore ways to eliminate redundancy on the site. Mr. Samaha and Ms. Szyfer explained that during the feasibility study, the design team would strive to maximize green space on the site and minimize paved areas.

The Roundtable members were reminded to schedule time to meet with the constituents that they represent after the fourth meeting to present the concepts and solicit input. The Roundtable will review the revised concepts and discuss the implications of collocation concepts at the next meeting, scheduled for January 26, 2015, in the Library Media Center at Rock Terrace School.

## Rock Terrace School/Tilden Middle School Roundtable Discussion Group

**Agenda**  
**January 20, 2015**  
**Tilden Middle School**  
**5:00–6:30 pm and 7:00–8:30 pm**

### Desired Outcomes

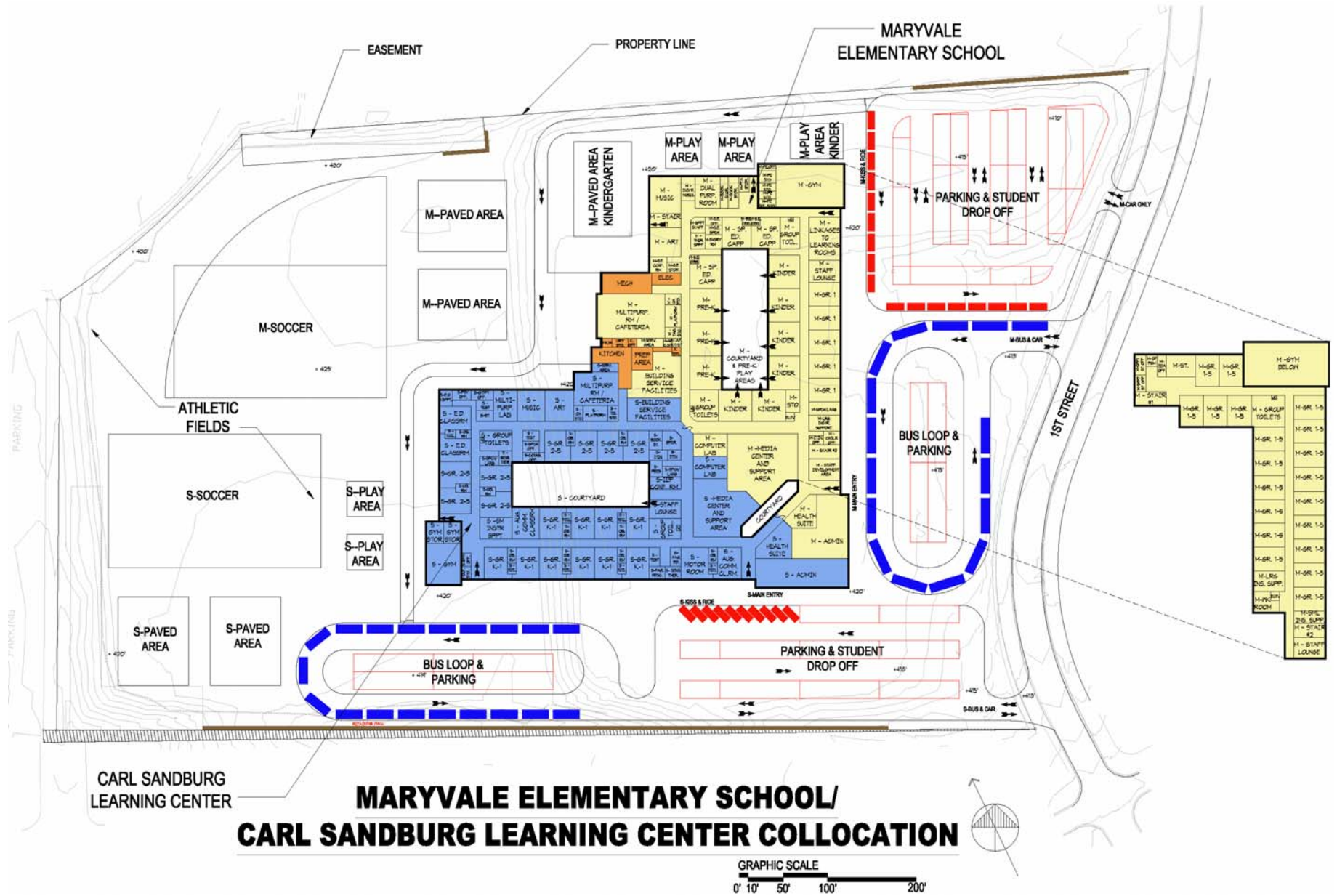
**By the end of this meeting, we will have:**

- Reviewed outcomes, agenda, and feedback items;
- Reviewed Maryvale ES/Sandburg LC proposed plans;
- Reviewed summary from previous meeting;
- Reviewed and clarified possible building and site concepts for collocation; and
- Discussed next steps, site visits, and provided feedback.

Activity	Facilitator(s)	Process	Time
Review of Agenda, Outcomes, and Feedback	Debbie Szyfer	Review/Inform	5:00–5:05/ 7:00–7:05 5'
Review Maryvale ES/Sandburg LC proposed plans	Debbie Szyfer	Review	5:05–5:10/ 7:05–7:10 5'
Review summary from previous meeting	Debbie Szyfer	Summarize	5:10–5:15/ 7:10–7:15 5'
Present and clarify possible site and building concepts	Paul Falkenbury Randy Morrison Sandra Wu	Present/Discuss/Clarify	5:15–6:25/ 7:15–8:25 70'
Next Steps, Site Visits, and Feedback	Gwendolyn Mason Debbie Szyfer	Determine/Share	6:25–6:30/ 8:25–8:30 5'

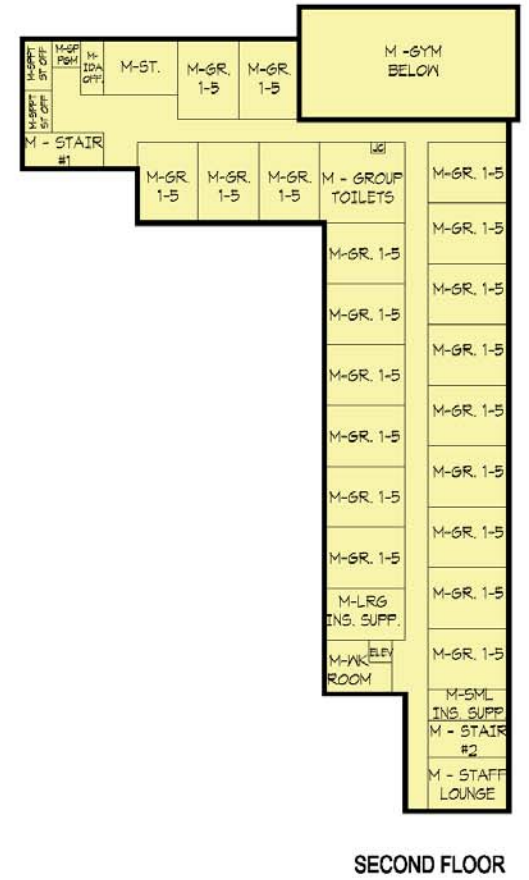
VI. DESCRIPTION OF OPTIONS, Continued

PROPOSED SITE PLAN OPTION 1



VI. DESCRIPTION OF OPTIONS, Continued

PROPOSED FLOOR PLAN OPTION 1



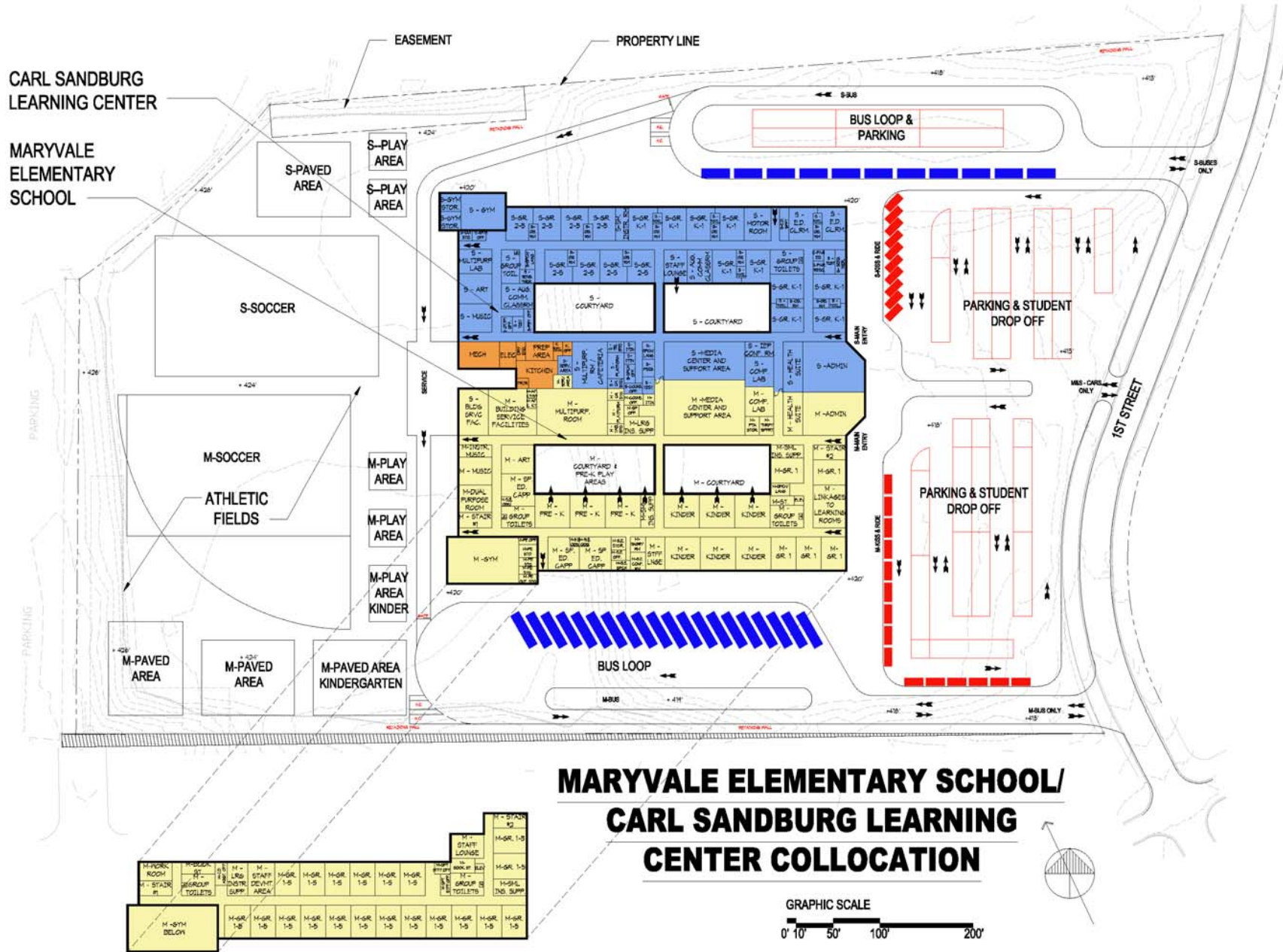
GRAPHIC SCALE





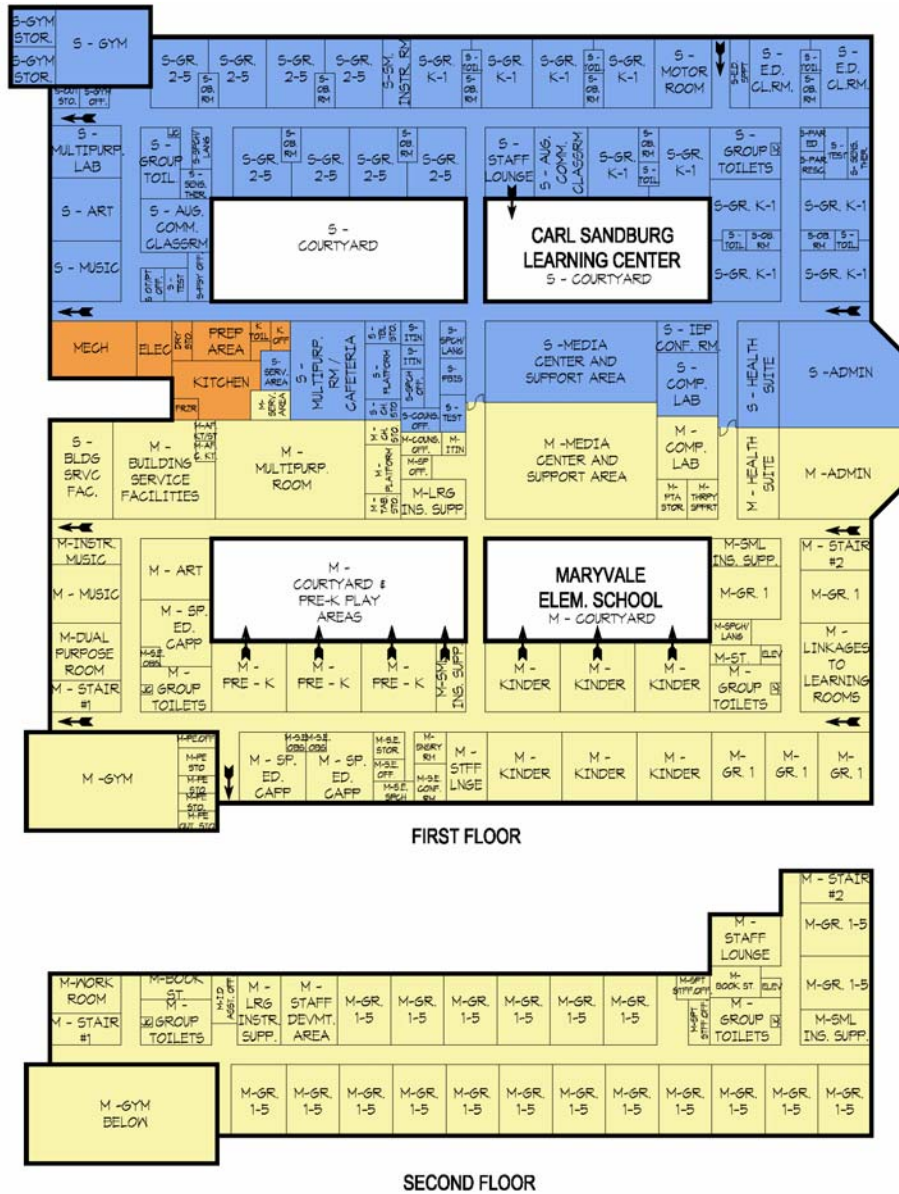
VI. DESCRIPTION OF OPTIONS, Continued

PROPOSED SITE PLAN OPTION 2



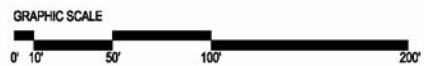
# VI. DESCRIPTION OF OPTIONS, Continued

## PROPOSED FLOOR PLAN OPTION 2



FIRST FLOOR

SECOND FLOOR



## **Rock Terrace School/Tilden Middle School Roundtable Discussion Group**

### **Summary of Meeting #2—January 5, 2015**

The Rock Terrace School/Tilden Middle School Roundtable Discussion Group (Roundtable) met for its second meeting on January 5, 2015. The meeting was held in the Library Media Center of Rock Terrace School from 7:00 to 9:00 p.m. The materials handed out at the meeting follow this summary.

Ms. Deborah S. Szyfer, senior planner, Division of Long-range Planning, Department of Facilities Management, Montgomery County Public Schools (MCPS), facilitated the meeting. Mr. Paul Falkenbury, Mr. Randy Morrison, Ms. Sandra Wu, from Samaha Associates PC, also assisted in the meeting.

Ms. Szyfer reviewed the agenda, outcomes for the meeting, and the feedback from the previous meeting was reviewed. The Roundtable members reviewed the criteria and hopes and concerns developed at the first meeting and were asked if they had any changes and comments. There were no changes and comments for the criteria and hopes and concerns.

The remainder of the meeting was dedicated to a design charrette. Ms. Szyfer and Mr. Morrison explained the purpose of a design charrette, which is defined as a “work session in which a group or groups of designers collaboratively participate in an intense period of design or planning activity”. The Roundtable members were divided into three groups and given a large site plan and small building plans to facilitate the charrette and asked to design a collocated facility for Rock Terrace School and Tilden Middle School. Photos of the three final designs are included after the summary. Each of the groups presented the final scheme. A summary of the key characteristics of the charrette schemes are outlined below:

1. All three of the charrette schemes proposed the following:
  - One building for both schools
  - Two separate entrances for both schools
  - A two-story classroom wing for the Rock Terrace School
  - Interior courtyards to admit natural light into the classrooms and other areas. (The Tilden staff prefers small courtyards for daylight only. The Rock Terrace staff prefers a larger courtyard for outdoor instruction and student activities.)
  - Physical education spaces be located at the rear (west) of the site, closest to the outdoor fields
  
2. Two of the charrette schemes indicated shared spaces including the library media center (LMC), cafeteria, and physical education areas between the two schools, whereas one of the charrette schemes indicated no shared spaces between the two schools.

3. Two of the schemes located a combined LMC on the second floor, over the administration spaces. There was consensus among the Roundtable members that the LMC could be shared but separate instructional areas would need to be provided for both schools. The Tilden Middle School principal shared that the LMC is scheduled seven periods per day for instructional purposes. The architect will explore concepts that can combine the LMC while providing separate areas for both schools.
4. Two of the charrette schemes indicated a two-story classroom wing for Tilden Middle School. The third scheme showed a three-story classroom wing for Tilden Middle School.
5. One of the charrette schemes suggested that all the specialty labs, such as technology education, art, music, and physical education from Tilden Middle School be located in close proximity to similar programs in the Rock Terrace School portion of the building, to facilitate inclusion opportunities for Rock Terrace School students.

After the presentation of the schemes, the Roundtable members continued the discussion of the possible collocation of the two schools and other features the architects should consider in developing the concepts for the next meeting. A summary of these items are listed below.

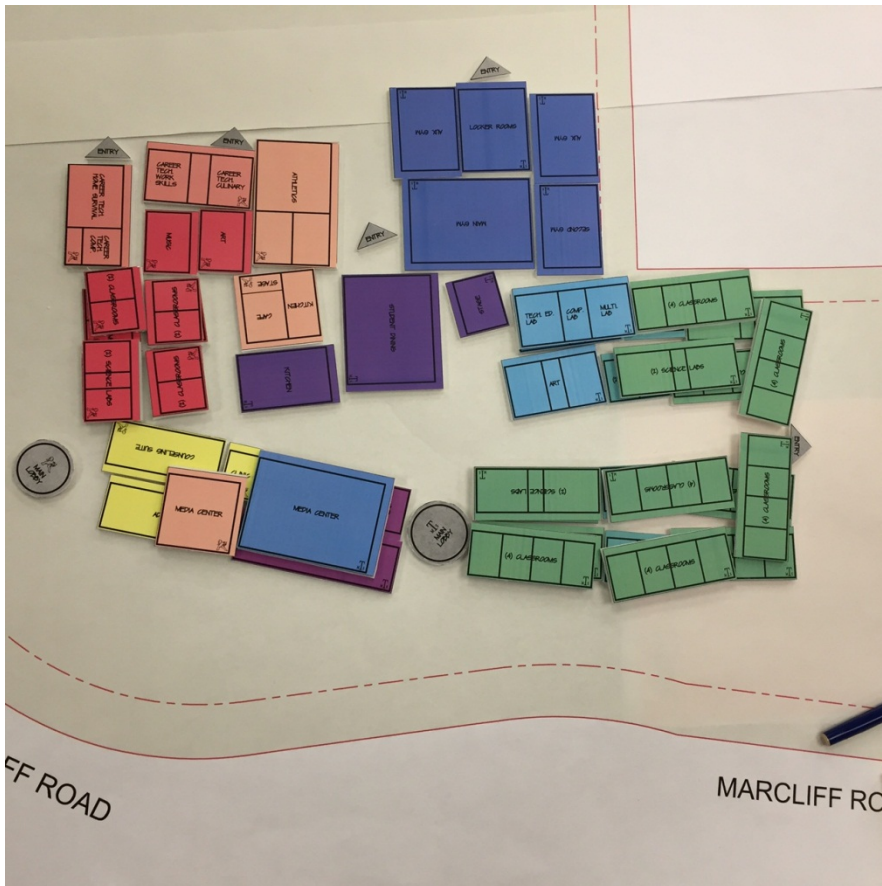
1. Much consideration was given to the issue of students who try to leave the building and/or site during class time. Passive and active security, and how this relates to code requirements for egress, will be a critical part of the design.
2. Simple and clear circulation pathways for Rock Terrace students are important for staff supervision and student comfort.
3. Possible locations for the Rock Terrace School greenhouse were discussed. The Rock Terrace School culinary program needs easy access to the greenhouse and gardens. Future schemes will indicate various locations for the greenhouse.
4. The Tilden Middle School special education programs should be located in separate parts of the building. The Learning for Independence (LFI) classrooms should be located on the first floor.
5. Rock Terrace School students should have easy access to the tennis courts.
6. Direct access from the cafeteria to the exterior is preferred.

The next meeting of the Roundtable will be held on January 20, 2015, in the Library Media Center at Tilden Middle School. At this meeting, the architects will present several collocation concepts for the Roundtable members to consider.

Group 1 Design

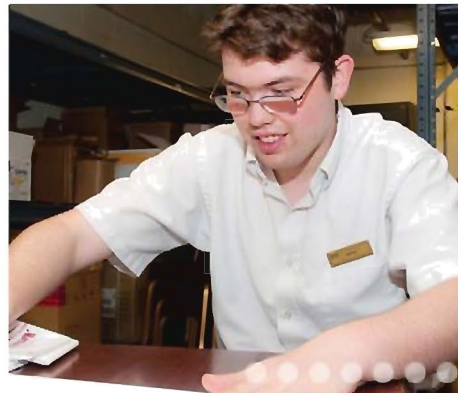
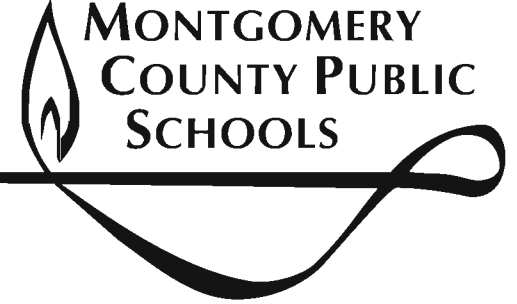


Group 2 Design

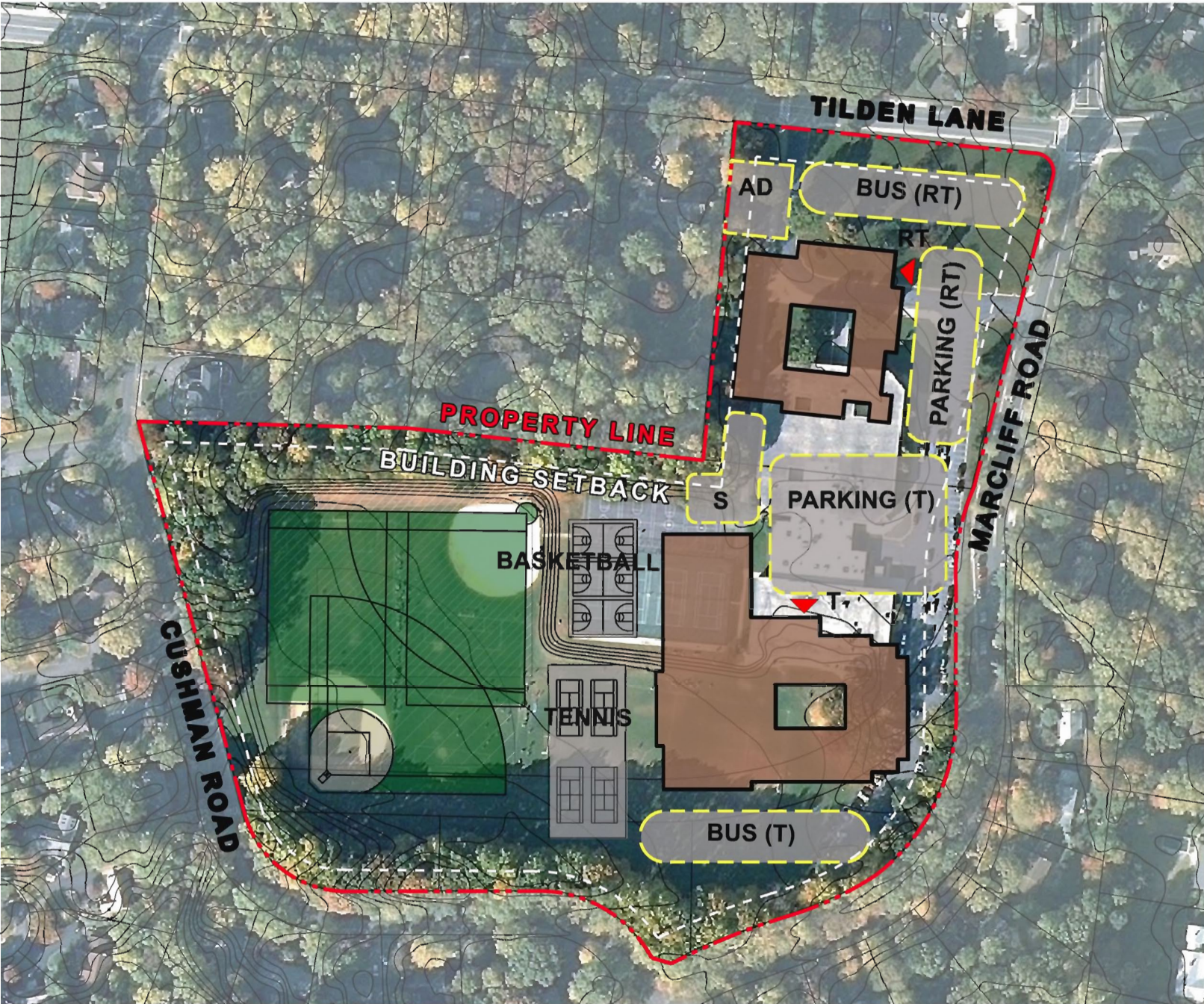




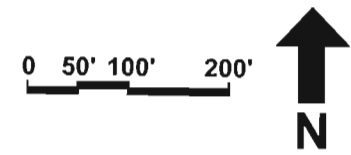
ARCHITECTURAL AND ENGINEERING SERVICES: ROUND TABLE DISCUSSION  
REVIEW COLLOCATION OF ROCK TERRACE SCHOOL WITH TILDEN MIDDLE SCHOOL



# CONCEPT 1 SITE PLAN

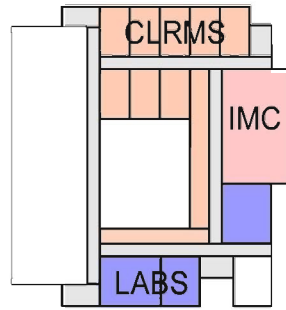
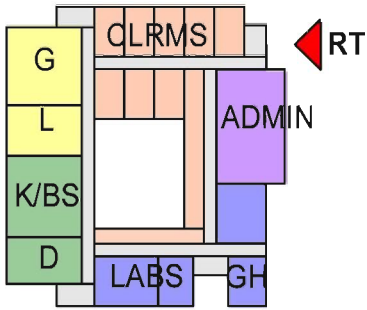


- SERVICES AREA
- ADAPTIVE PLAY AREA
- MAIN ENTRANCE





# CONCEPT 1 FLOOR PLANS



- G GYM
- L LOCKER
- D DINING
- K KITCHEN
- M MUSIC
- BS BUILDING SERVICES
- GH GREENHOUSE
- MT MULTIPURPOSE

- T TILDEN MIDDLE SCHOOL
- RT ROCK TERRACE SCHOOL

- T RT ADMIN

- IMC

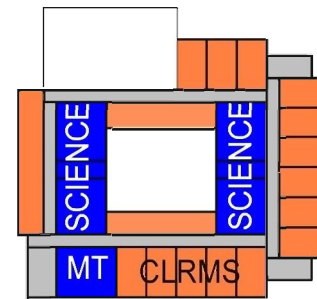
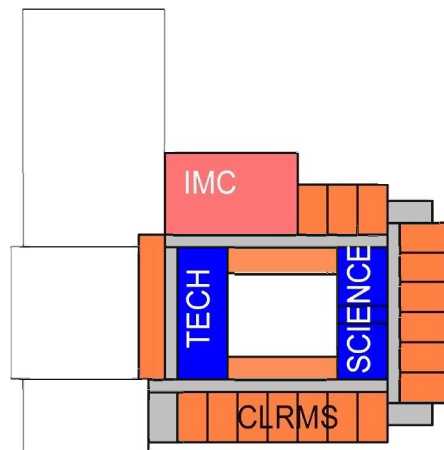
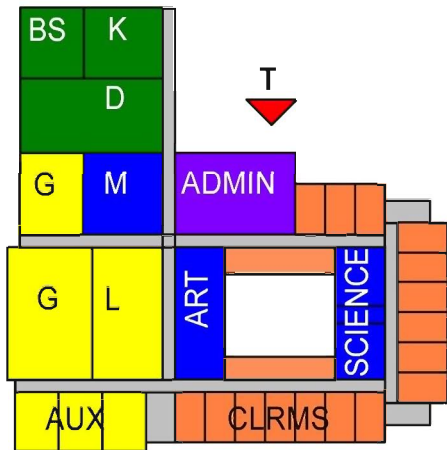
- CLASSROOMS

- MUSIC/LABS

- FOOD/BS

- GYM/LOCKER

- CIRCULATION



FIRST FLOOR

SECOND FLOOR

THIRD FLOOR

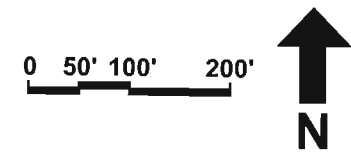
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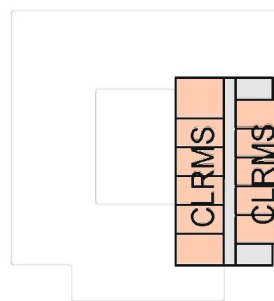
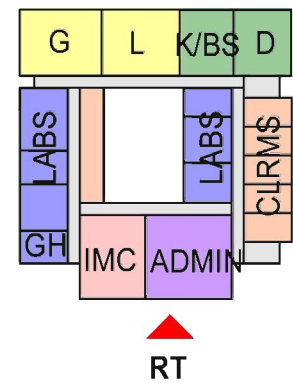
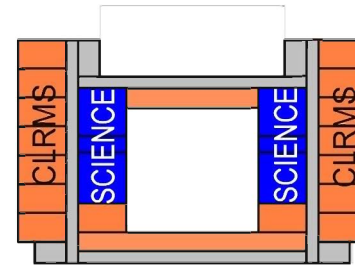
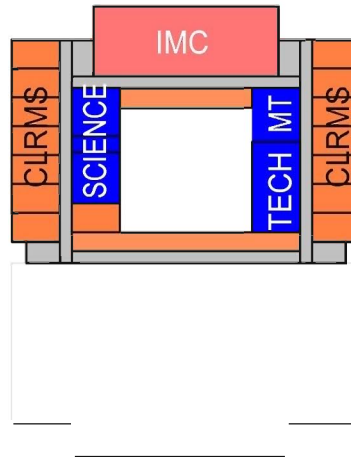
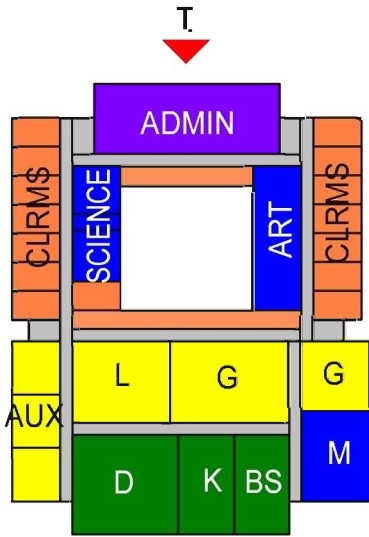
# CONCEPT 2 SITE PLAN



- SERVICES AREA
- ADAPTIVE PLAY AREA
- MAIN ENTRANCE



# CONCEPT 2 FLOOR PLANS



T TILDEN MIDDLE SCHOOL  
RT ROCK TERRACE SCHOOL

T RT  
ADMIN

IMC

CLASSROOMS

MUSIC/LABS

FOOD/BS

GYM/LOCKER

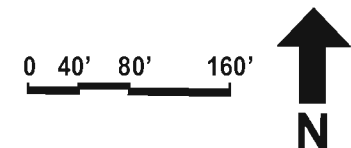
CIRCULATION

G GYM  
L LOCKER  
D DINING  
K KITCHEN  
M MUSIC  
BS BUILDING SERVICES  
GH GREENHOUSE  
MT MULTIPURPOSE

FIRST FLOOR

SECOND FLOOR

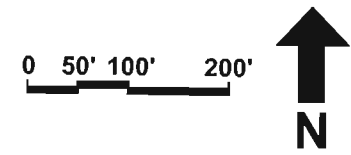
THIRD FLOOR



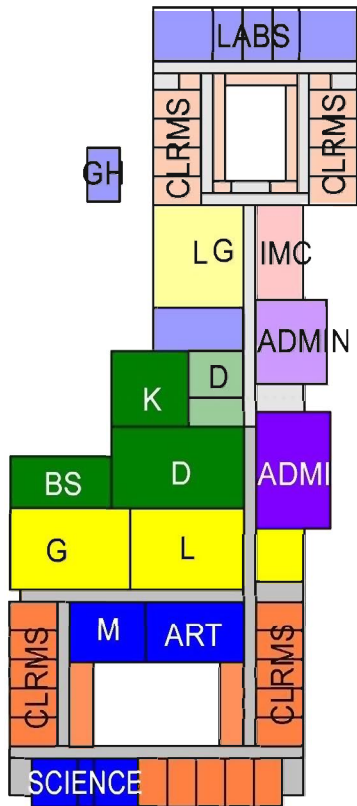
# CONCEPT 3 SITE PLAN



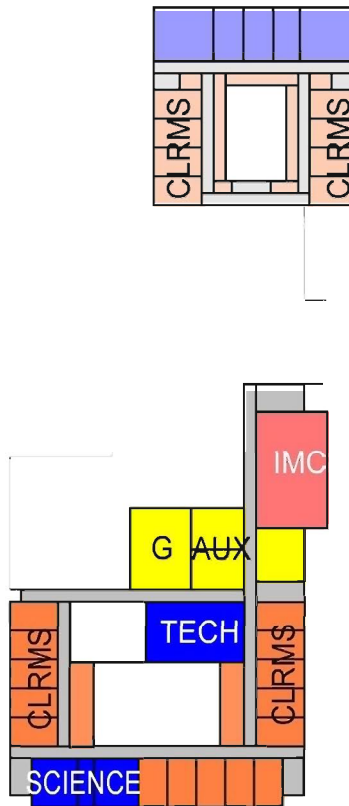
- S** SERVICES AREA
- AD** ADAPTIVE PLAY AREA
- ▲** MAIN ENTRANCE



# CONCEPT 3 FLOOR PLANS



FIRST FLOOR

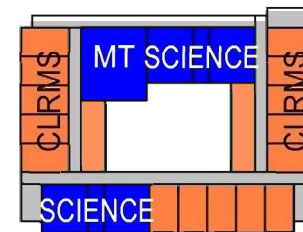


SECOND FLOOR

- G GYM
- L LOCKER
- D DINING
- K KITCHEN
- M MUSIC
- BS BUILDING SERVICES
- GH GREENHOUSE
- MT MULTIPURPOSE

- T TILDEN MIDDLE SCHOOL
- RT ROCK TERRACE SCHOOL

- |   |    |             |
|---|----|-------------|
| T | RT |             |
|   |    | ADMIN       |
|   |    | IMC         |
|   |    | CLASSROOMS  |
|   |    | MUSIC/LABS  |
|   |    | FOOD/BS     |
|   |    | GYM/LOCKER  |
|   |    | CIRCULATION |



THIRD FLOOR

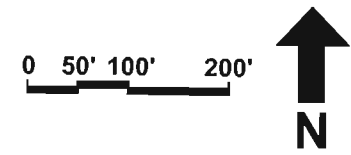
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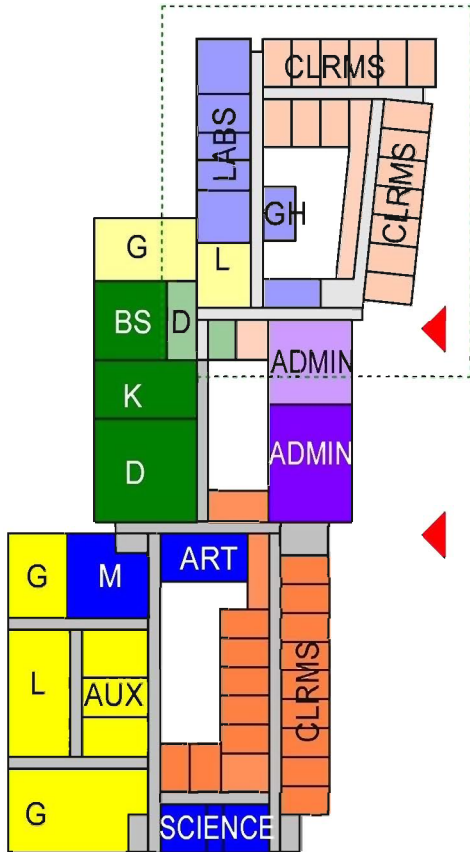
# CONCEPT 4 SITE PLAN



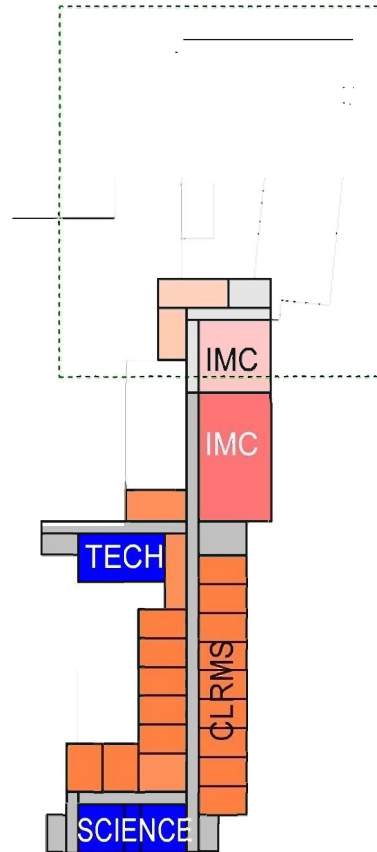
- SERVICES AREA
- ADAPTIVE PLAY AREA
- MAIN ENTRANCE



# CONCEPT 4 FLOOR PLANS



FIRST FLOOR



SECOND FLOOR

- G GYM
- L LOCKER
- D DINING
- K KITCHEN
- M MUSIC
- BS BUILDING SERVICES
- GH GREENHOUSE
- MT MULTIPURPOSE

- T TILDEN MIDDLE SCHOOL
- RT ROCK TERRACE SCHOOL

- T RT
- ADMIN

- IMC

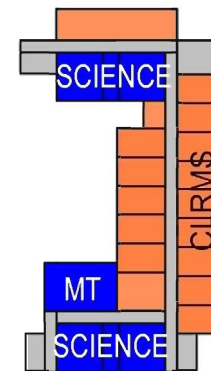
- CLASSROOMS

- MUSIC/LABS

- FOOD/BS

- GYM/LOCKER

- CIRCULATION




THIRD FLOOR

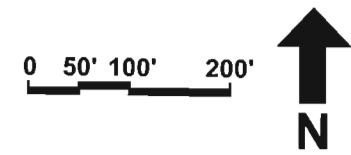
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# CONCEPT 5 SITE PLAN

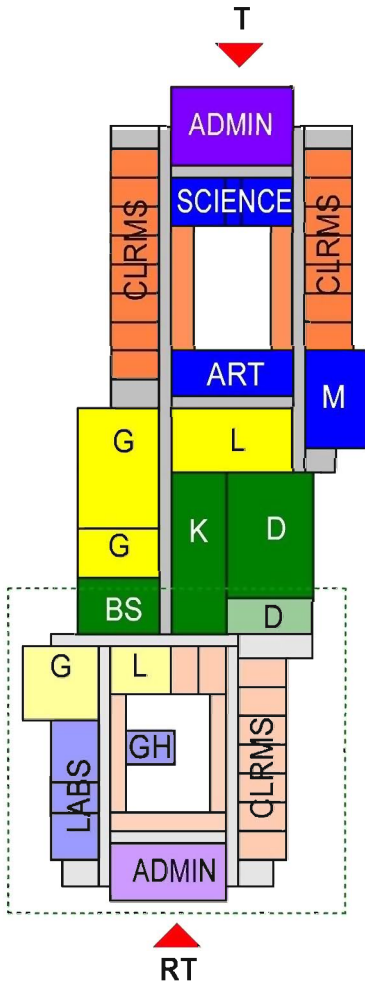


-  SERVICES AREA
-  ADAPTIVE PLAY AREA
-  MAIN ENTRANCE

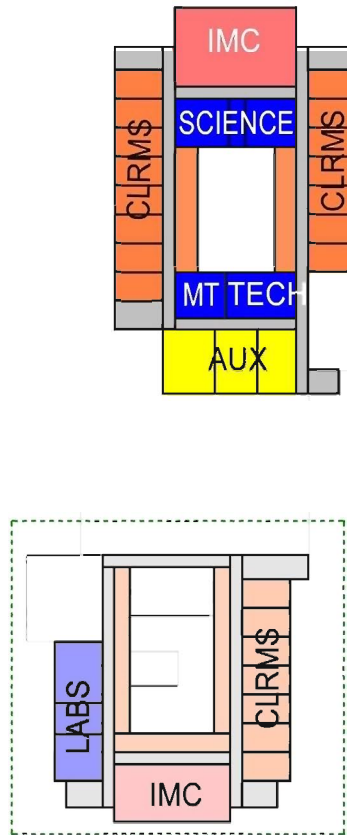




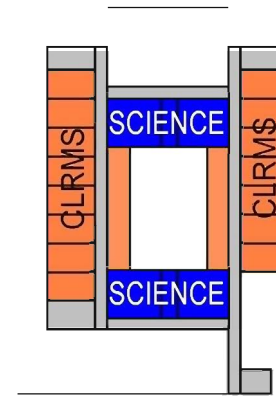
# CONCEPT 5 FLOOR PLANS



FIRST FLOOR



SECOND FLOOR



THIRD FLOOR

T TILDEN MIDDLE SCHOOL  
RT ROCK TERRACE SCHOOL

T RT  
ADMIN

IMC

CLASSROOMS

MUSIC/LABS

FOOD/BS

GYM/LOCKER

CIRCULATION

G GYM  
L LOCKER  
D DINING  
K KITCHEN  
M MUSIC  
BS BUILDING SERVICES  
GH GREENHOUSE  
MT MULTIPURPOSE

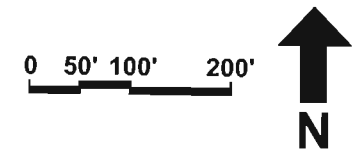
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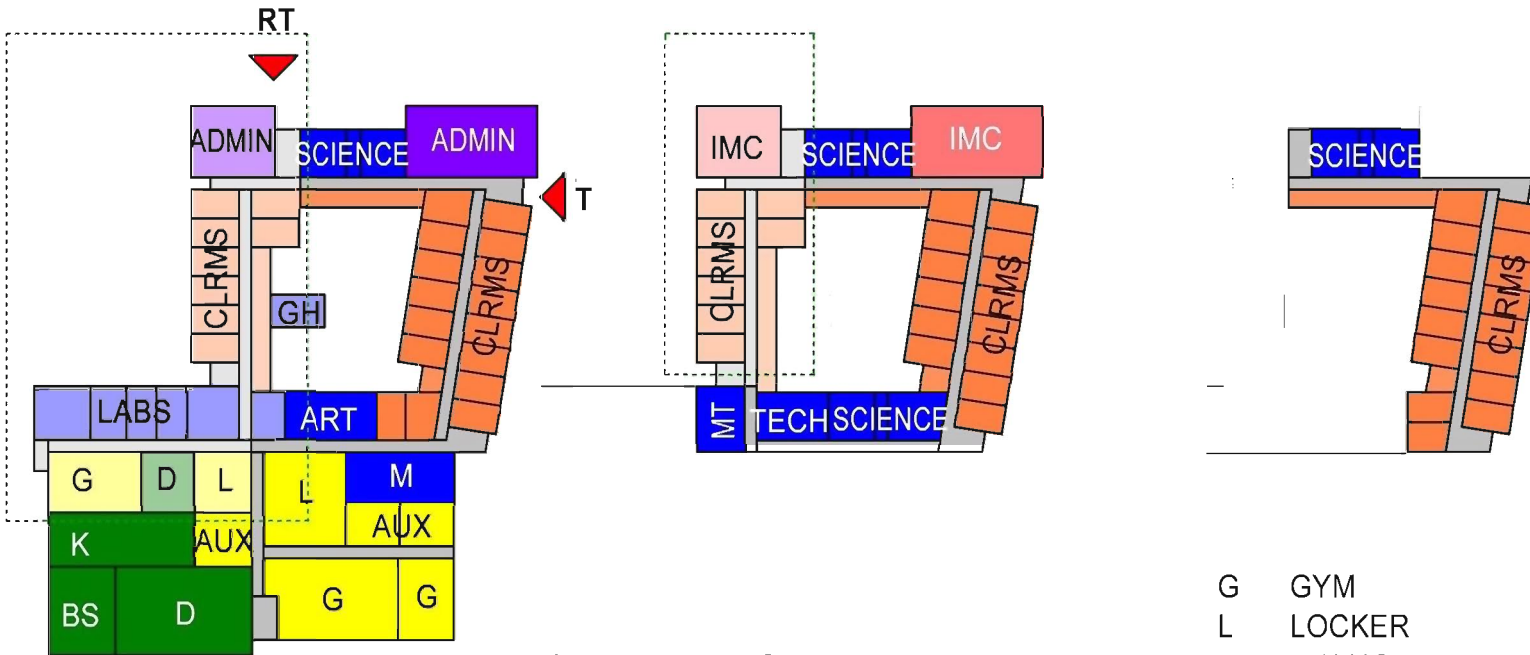
# CONCEPT 6 SITE PLAN



- SERVICES AREA
- ADAPTIVE PLAY AREA
- MAIN ENTRANCE



# CONCEPT 6 FLOOR PLANS



T TILDEN MIDDLE SCHOOL  
RT ROCK TERRACE SCHOOL

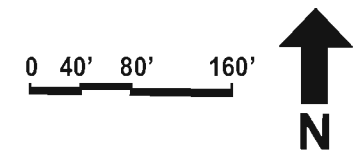
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|---|----|-------------|
| T | RT |             |
|   |    | ADMIN       |
|   |    | IMC         |
|   |    | CLASSROOMS  |
|   |    | MUSIC/LABS  |
|   |    | FOOD/BS     |
|   |    | GYM/LOCKER  |
|   |    | CIRCULATION |

- G GYM  
L LOCKER  
D DINING  
K KITCHEN  
M MUSIC  
BS BUILDING SERVICES  
GH GREENHOUSE  
MT MULTIPURPOSE

FIRST FLOOR

SECOND FLOOR

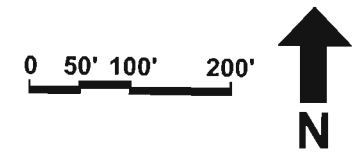
THIRD FLOOR



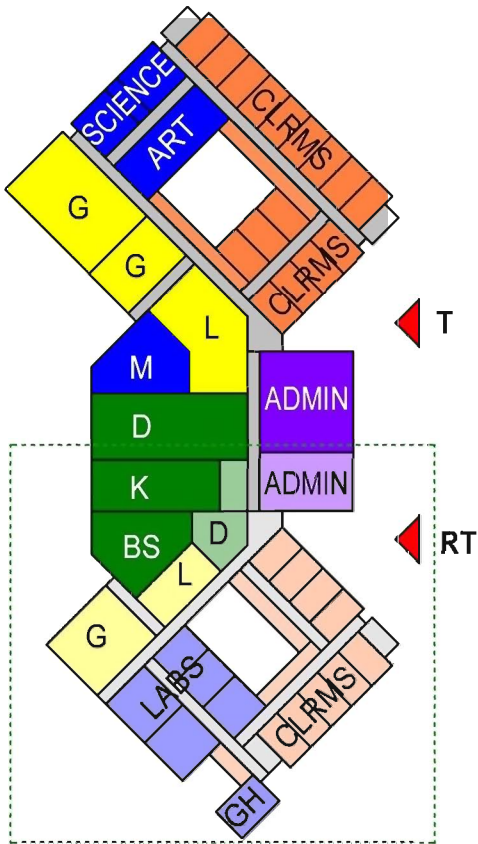
# CONCEPT 7 SITE PLAN



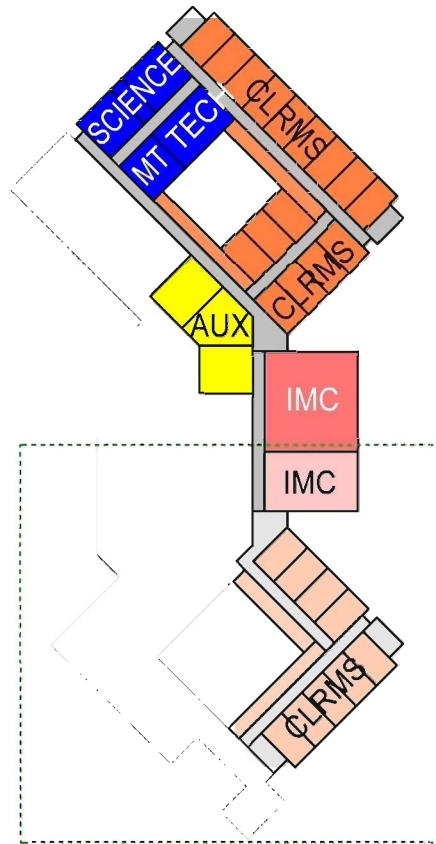
- SERVICES AREA
- ADAPTIVE PLAY AREA
- MAIN ENTRANCE



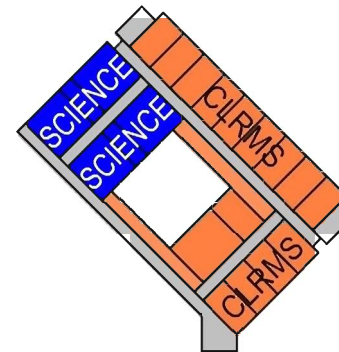
# CONCEPT 7 FLOOR PLANS



FIRST FLOOR



SECOND FLOOR



THIRD FLOOR

T TILDEN MIDDLE SCHOOL  
RT ROCK TERRACE SCHOOL

T RT  
ADMIN

IMC

CLASSROOMS

MUSIC/LABS

FOOD/BS

GYM/LOCKER

CIRCULATION



G GYM  
L LOCKER  
D DINING  
K KITCHEN  
M MUSIC  
BS BUILDING SERVICES  
GH GREENHOUSE  
MT MULTIPURPOSE

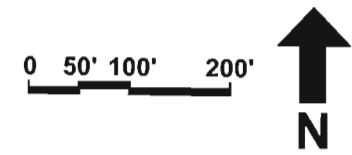
0 40' 80' 160'



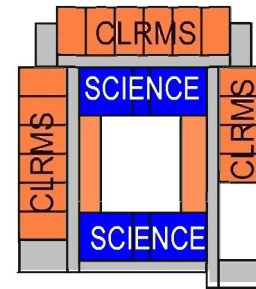
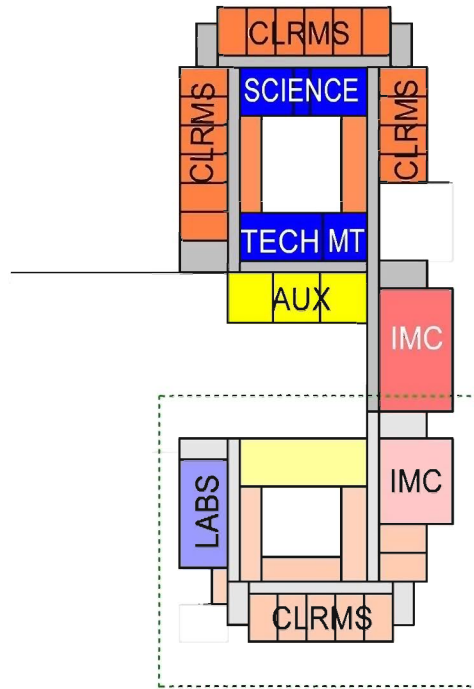
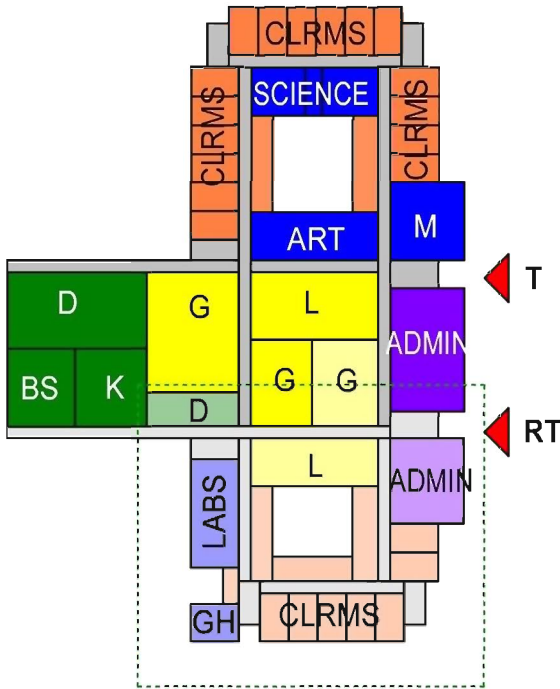
# CONCEPT 8 SITE PLAN



-  SERVICES AREA
-  ADAPTIVE PLAY AREA
-  MAIN ENTRANCE



# CONCEPT 8 FLOOR PLANS



T TILDEN MIDDLE SCHOOL  
RT ROCK TERRACE SCHOOL

T RT  
ADMIN

IMC

CLASSROOMS

MUSIC/LABS

FOOD/BS

GYM/LOCKER

CIRCULATION

G GYM  
L LOCKER  
D DINING  
K KITCHEN  
M MUSIC  
BS BUILDING SERVICES  
GH GREENHOUSE  
MT MULTIPURPOSE

FIRST FLOOR

SECOND FLOOR

THIRD FLOOR

0 40' 80' 160'

