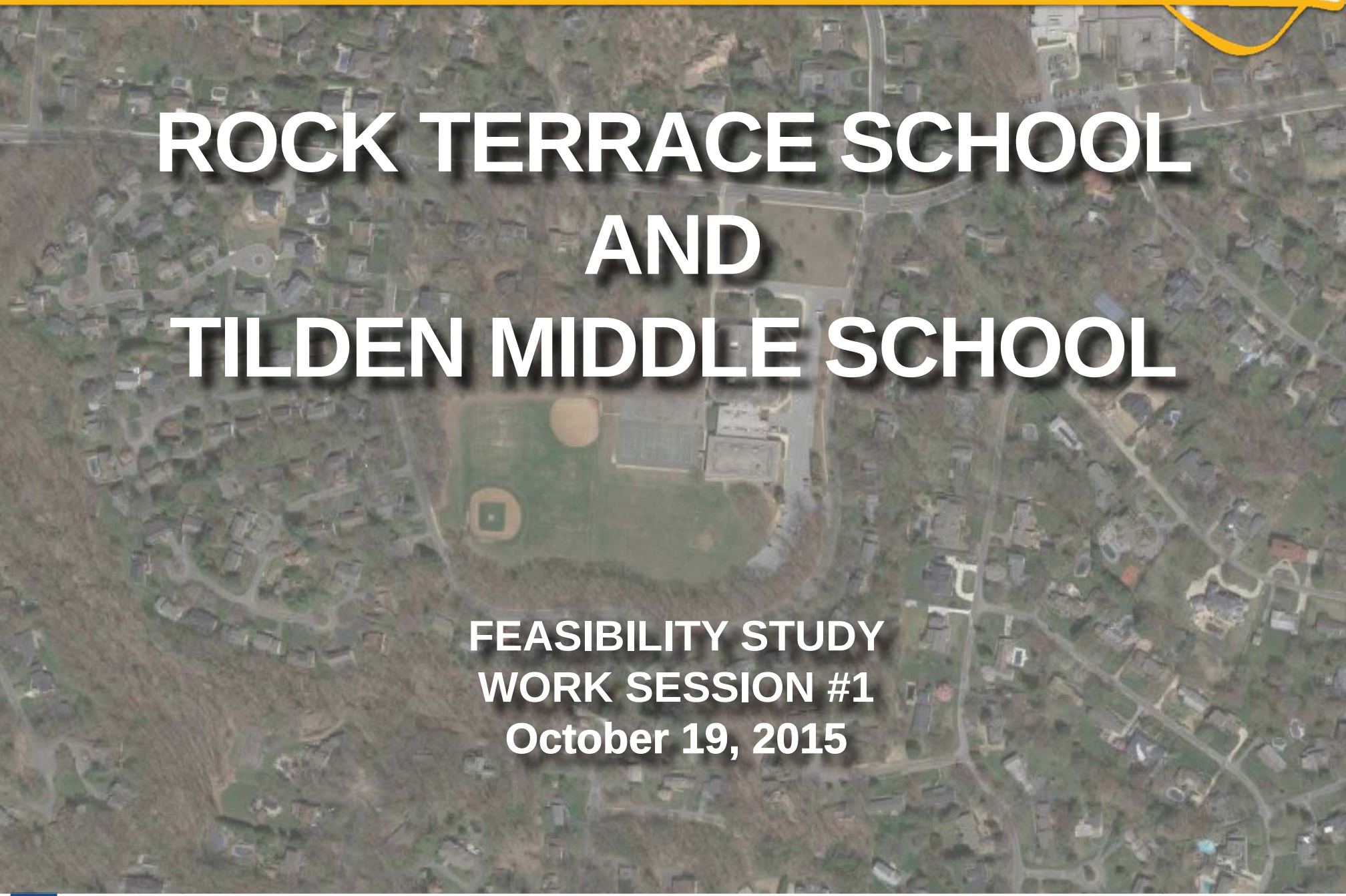


ROCK TERRACE SCHOOL AND TILDEN MIDDLE SCHOOL

FEASIBILITY STUDY
WORK SESSION #1
October 19, 2015

AGENDA

1. INTRODUCTION
2. CIP SCHEDULE
3. FEASIBILITY STUDY PROCESS
4. EXISTING SITE PLAN
5. EXISTING PHOTOS
6. PRELIMINARY SITE ANALYSIS
7. PROGRAM
8. ROUNTABLE CONCEPTS
9. DISCUSSION - FEASIBILITY STUDY ELEMENTS AND QUESTIONS

1. INTRODUCTION

Division of Long-range Planning, MCPS
Debbie Szyfer, Senior Planner

Division of Construction, MCPS
Joseph DeRosa, Project Manager

Samaha Associates, P.C., Architects
Paul Falkenbury, AIA, REFP
Sandra Wu, LEED AP
Shannon Crossley

2. CAPITAL IMPROVEMENTS PROGRAM (CIP) SCHEDULE

- **MAY 12, 2015 – BOARD OF EDUCATION ACTION ON COLLOCATION OF TWO SCHOOLS**
- **FALL 2015 – FEASIBILITY STUDY**
- **WINTER 2016 – BEGIN SCHEMATIC DESIGN PROCESS**
- **SUMMER 2018 – CONSTRUCTION BEGINS**
- **AUGUST 2020 – COMPLETION AND RELOCATION OF ROCK TERRACE SCHOOL AND TILDEN MIDDLE SCHOOL TO NEW FACILITY**

3. FEASIBILITY STUDY PROCESS

* SPACE SUMMARY AND EDUCATIONAL SPECIFICATIONS WERE DEVELOPED IN CONSULTATION WITH SCHOOL STAFF
* MCPS SELECTS ARCHITECT AND ENGINEERS
* MCPS HIRES CONSULTANTS TO CONDUCT AN NRIFSD PLAN, GEOTECHNICAL REPORT, TRAFFIC STUDY, AND SITE SURVEY
* KICK-OFF MEETING HELD TO SET UP MEETING DATES
* ARCHITECT AND ENGINEERS CONDUCT A PRELIMINARY EXISTING CONDITIONS SURVEY
* NOTIFICATIONS ARE SENT TO THE SCHOOL AND COMMUNITY INVITING THEM TO PARTICIPATE IN THE FEASIBILITY STUDY WORK SESSIONS
* EASEMENTS OR RIGHT-OF-WAY ARE IDENTIFIED ON SITE
* ARCHITECT PRESENTS POSSIBLE DESIGN SOLUTIONS FOR THE PROJECT AT EACH WORK SESSION. THE DESIGNS WILL BE REVISED PER STAFF, STUDENT, AND COMMUNITY INPUT.
* PRELIMINARY CODE ANALYSIS IS COMPLETED
* PRELIMINARY PROJECT PHASING WILL BE DEVELOPED
* COST ESTIMATES FOR EACH OF THE FINAL THREE OPTIONS WILL BE PROVIDED FOR BUDGETING PURPOSES
* FINAL OPTIONS WILL BE PRESENTED TO THE MCPS DOC DIRECTOR FOR REVIEW AND APPROVAL
* ARCHITECT PREPARES DRAFT FEASIBILITY STUDY REPORT FOR MCPS REVIEW
* FINAL FEASIBILITY STUDY REPORT WILL BE DISTRIBUTED TO THE SCHOOL AND COMMUNITY STAKEHOLDERS
* FEASIBILITY STUDY WILL BE SUBMITTED TO MSDE FOR REVIEW

3. FEASIBILITY STUDY PROCESS

SPACE SUMMARY

- Included as part of the educational specifications
- List all the spaces that support the educational program including number and net square footage
- Guides budget development process

FACILITY	# NEEDED	SQ. FT./ FACILITY	TOTAL NET SQ. FT.	TOTAL DEPT. SQ. FT.
Standard Spaces				14,400
Standard Classroom	**14**	900	12,600	
Textbook Storage	1	500	500	
Middle School Team Office	1	250	250	
High School Team Office	1	300	300	
Upper School Team Office	1	250	250	
Workrooms	1	500	500	
Support Rooms				2,300
Counselor's Office	1	250	250	

3. FEASIBILITY STUDY PROCESS

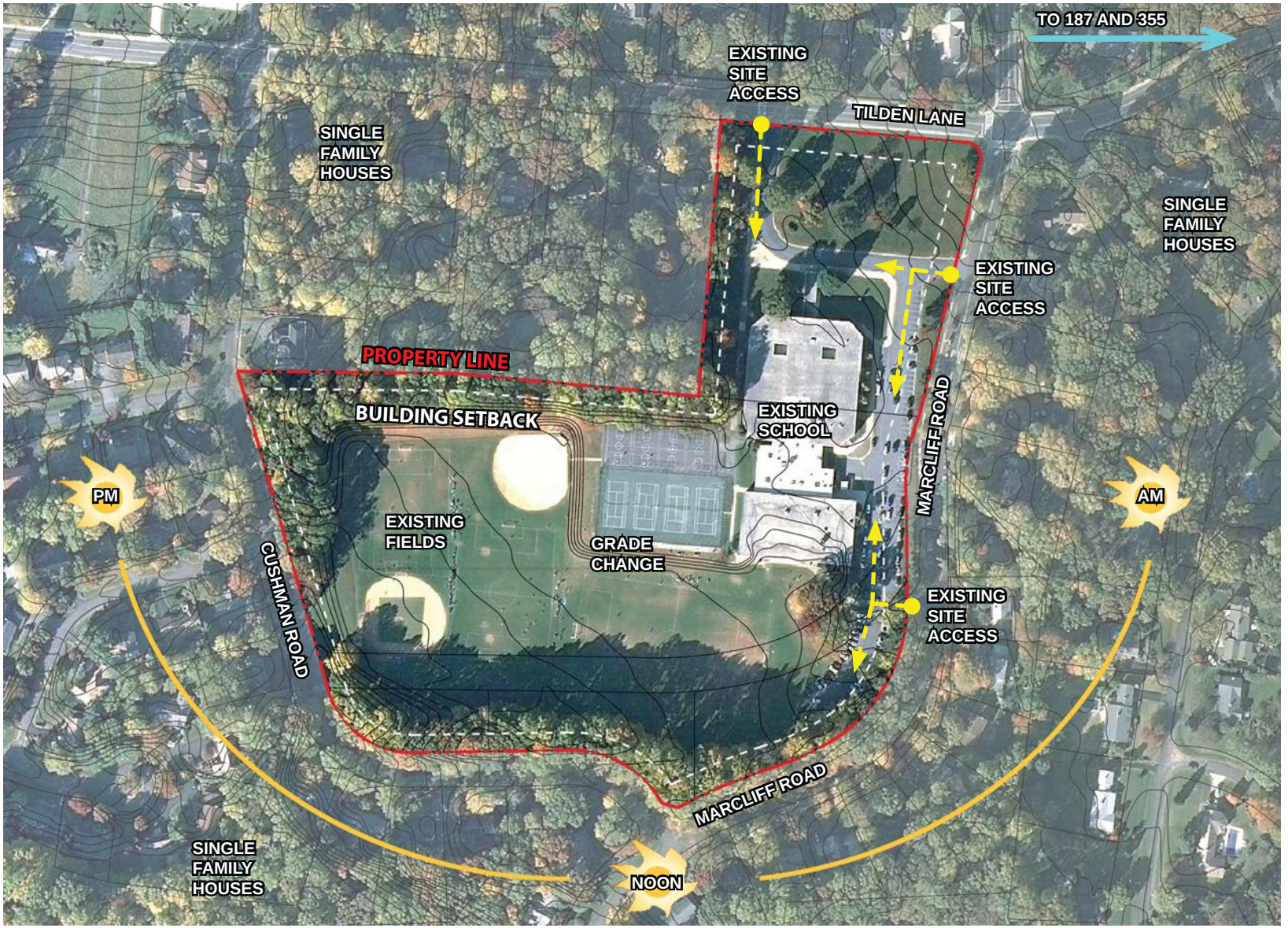
EDUCATIONAL SPECIFICATION

- Referred to as “Ed Specs“
- Describes the physical requirements of the educational program into words
- Guides the architect in the initial design process of an educational facility

4. EXISTING SITE PLAN

5. EXISTING SITE PHOTOS

6. PRELIMINARY SITE ANALYSIS



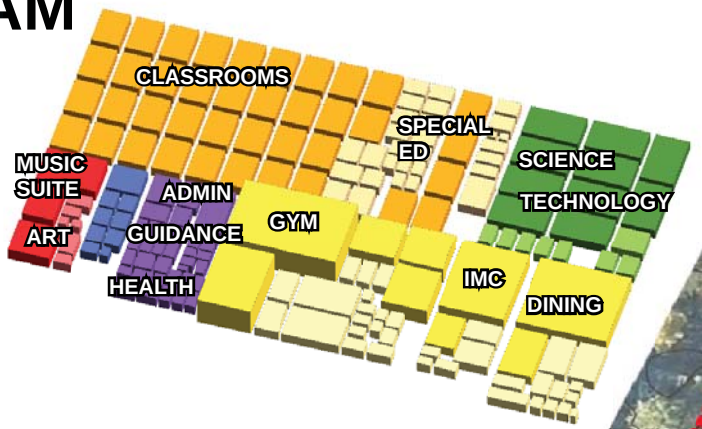
ROCK TERRACE SCHOOL AND TILDEN MIDDLE SCHOOL

MONTGOMERY COUNTY PUBLIC SCHOOLS

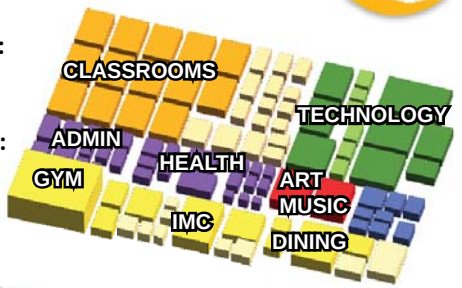
MCPS

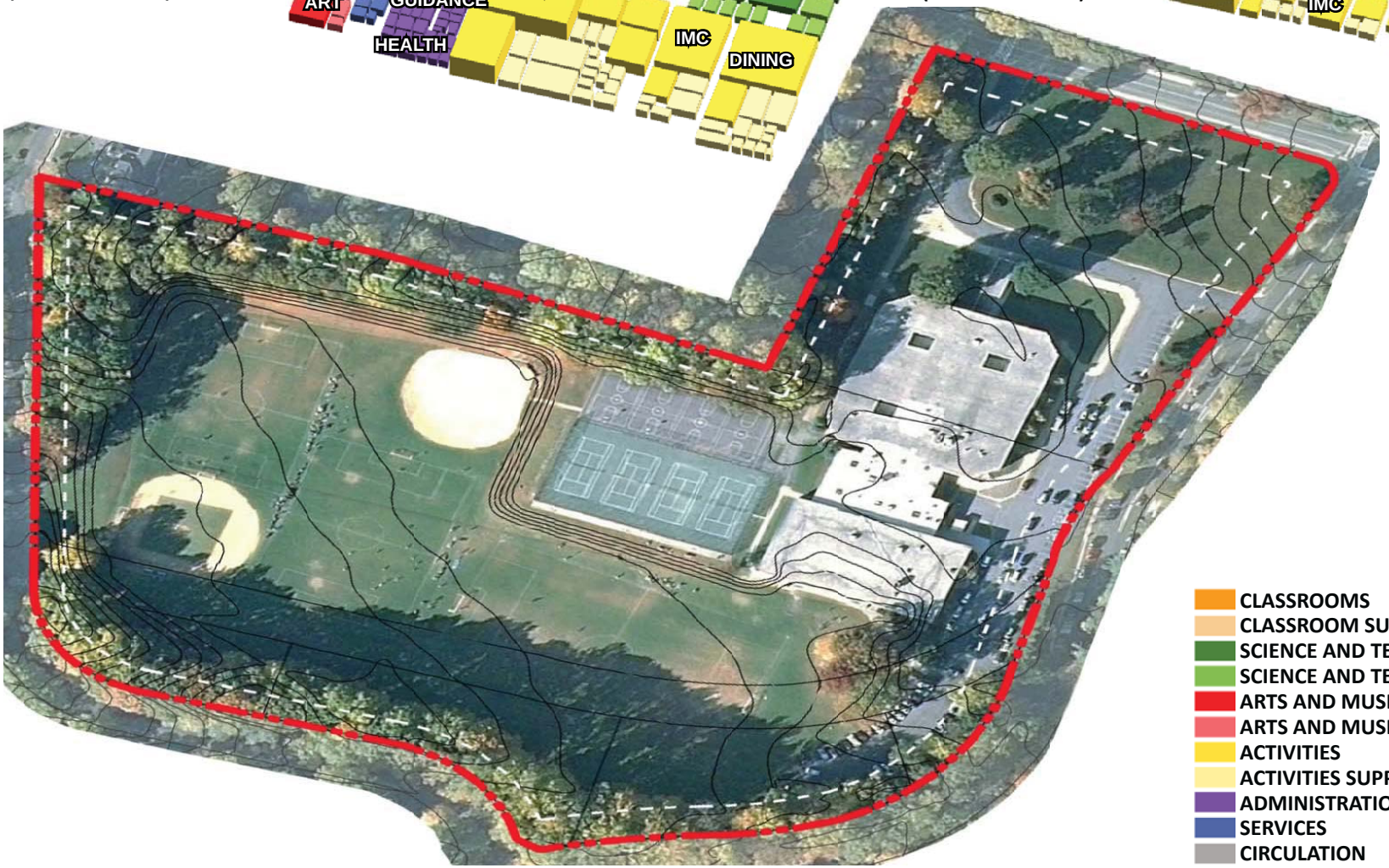
7. PROGRAM

TILDEN MIDDLE SCHOOL:
NET SQUARE FOOTAGE:
118,036 SF
GROSS SQUARE FOOTAGE:
181,593 SF
(65% EFFICIENCY)



ROCK TERRANCE SCHOOL:
NET SQUARE FOOTAGE:
49,620 SF
GROSS SQUARE FOOTAGE:
76,338 SF
(65% EFFICIENCY)





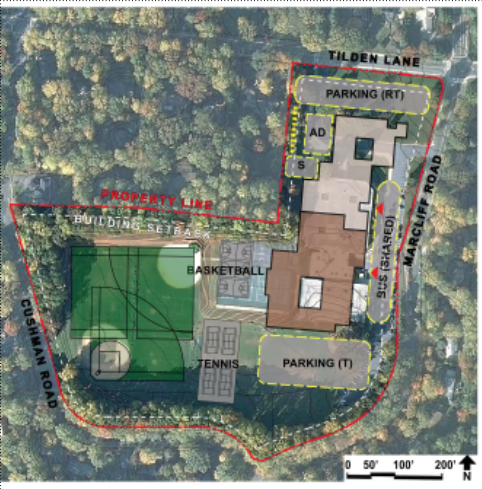
- CLASSROOMS
- CLASSROOM SUPPORT
- SCIENCE AND TECHNOLOGY
- SCIENCE AND TECH SUPPORT
- ARTS AND MUSIC
- ARTS AND MUSIC SUPPORT
- ACTIVITIES
- ACTIVITIES SUPPORT
- ADMINISTRATION
- SERVICES
- CIRCULATION

ROCK TERRACE SCHOOL AND TILDEN MIDDLE SCHOOL

MONTGOMERY COUNTY PUBLIC SCHOOLS

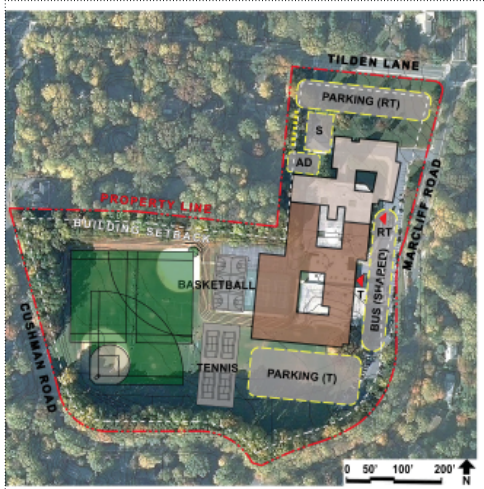
8. ROUND TABLE CONCEPTS

CONCEPT 3



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

CONCEPT 4



G GYM
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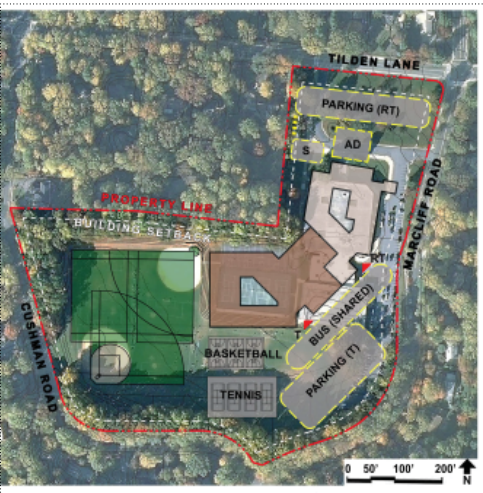
MT MULTIPURPOSE

CONCEPT 7



G GYM
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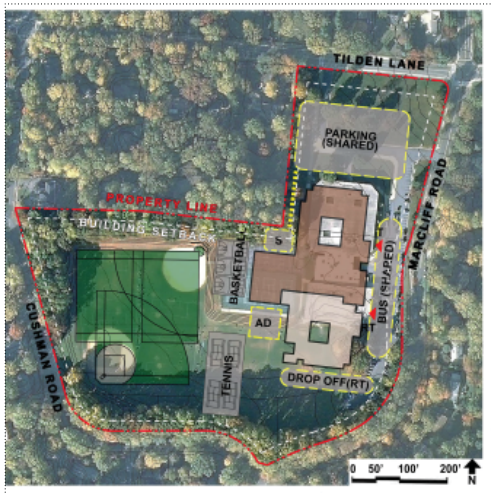
MT MULTIPURPOSE

CONCEPT 8



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8. ROUND TABLE CONCEPTS

CONSENSUS OF THE ROUNDTABLE

- MINIMIZING THE BUILDING FOOTPRINT AND MAXIMIZING GREEN SPACE AND OUTDOOR PHYSICAL EDUCATION SPACE IS A KEY GOAL FOR BOTH SCHOOLS.
- A SHARED BUS LOOP AND PARKING LOT SHOULD BE CONSIDERED TO MEET THIS GOAL.
- THE LEARNING SPACES SHOULD REMAIN AS SEPARATE AND DISTINCT AS POSSIBLE AND BE DESIGNED TO ACCOMMODATE THE NEEDS OF SPECIAL EDUCATION STUDENTS. FOR EXAMPLE, EACH SCHOOL SHOULD HAVE ITS OWN PHYSICAL EDUCATION SPACES AND SPECIALTY CLASSROOMS.
- THE LIBRARY MEDIA CENTER, ADAPTIVE WEIGHT ROOM, KITCHEN AND BUILDING SERVICES OFFICE, WERE IDENTIFIED AS AREAS THAT COULD BE SHARED BY BOTH SCHOOLS.
- THE DESIGN OF INDOOR SPACES MUST CONSIDER THE NEEDS OF THE SPECIAL EDUCATION STUDENTS WHICH BY NECESSITY WILL DIFFER—ESPECIALLY IN SCALE AND ACOUSTICAL FEATURES—FROM WHAT BEST SERVES THE GENERAL EDUCATION POPULATION.
- MAINTAIN SEPARATE STAFFING FOR RELATED SERVICES AND SPECIAL CLASSES, INCLUDING ART, MUSIC, PHYSICAL EDUCATION, AND THE INSTRUCTIONAL MEDIA CENTER.
- COLLOCATION PROVIDES OPPORTUNITIES FOR SPECIAL EDUCATION STUDENTS TO INTERACT WITH GENERAL EDUCATION STUDENTS WHEN APPROPRIATE.

9. DISCUSSION

FEASIBILITY STUDY ELEMENTS

9. DISCUSSION

QUESTIONS?

Feasibility Study Work Session Schedule

Work Session #1	Monday, October 19, 2015	7:00 pm
Work Session #2	Thursday, November 5, 2015	4:00 pm
Work Session #3	Wednesday, November 18, 2015	7:00 pm
Work Session #4	Tuesday, December 1, 2015	4:00 pm
Community Presentation	Thursday, December 17, 2015	7:00 pm