

Casa Maison: A Charrette-based Approach to Flexible Learning Environments at Cherry Park ES of Language Immersion and Sullivan IB Middle School



Learning Objectives

- Describe a charrette process that engages and empowers all stakeholders to quickly identify and prioritize critical issues of an opportunity, culminating with a mission statement for the opportunity moving forward.
- Define strategies for flexible learning environments
- Case Study: Cherry Park ES K-3rd grade addition, 4th - 8th grade renovation, on the site of Sullivan Middle School, forming a LEED K-8 Language Immersion campus
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Charrette Process

By definition, a **design charrette**, is an intense period of a design or planning activity

1 – Establish the team

Cross section of decision makers, users, designers

District Administrators, Facilities Staff, School Administrators, Teachers, Students, Parents, Community Members, Architects, Engineers, Program Managers, Contractors

2 – Identify the charge

Clearly define the scope and parameters of the problem

3 – Identify and analyze the issues

Discuss and prioritize the #1 challenge, #1 opportunity, activities required, types of spaces, furniture and equipment required. Analyze key concepts. Present ideas.

4 – Establish the mission statement

Identify program mission from the issue priorities members

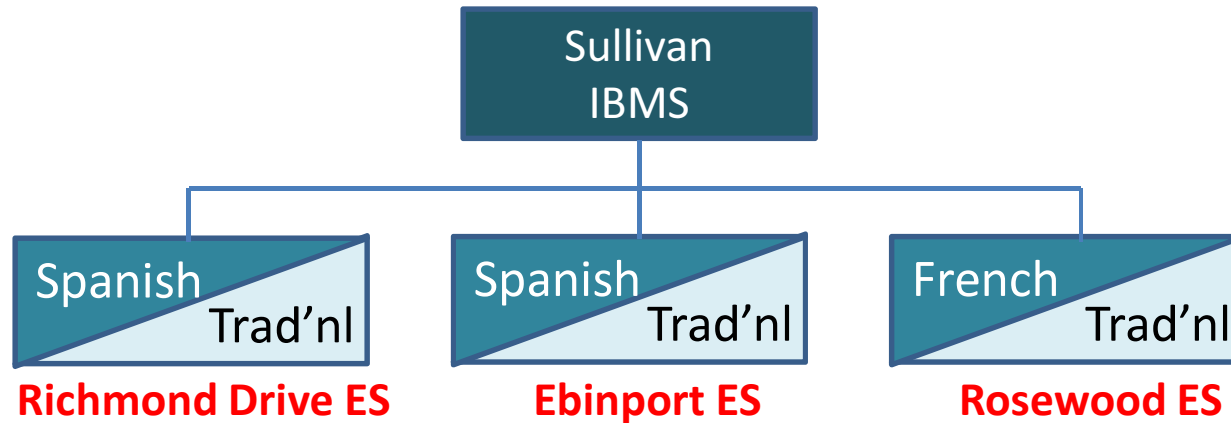
5 – Document / Present back to the team

Presentation and written report.



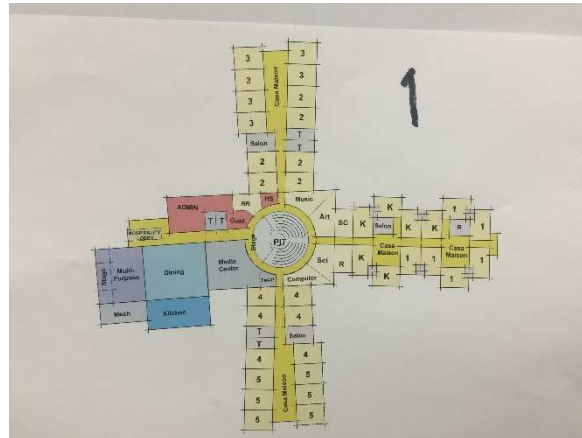
2 - RHSD Charge

**CURRENT
SITUATION:**



2 - RHSD Charge

OPTION 1:

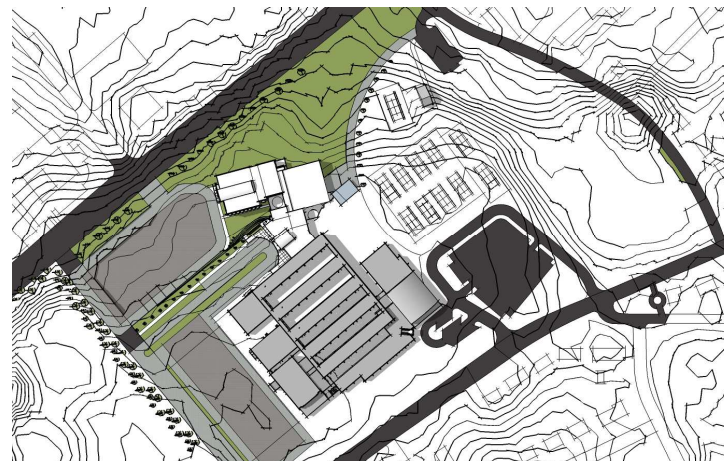


New Language Immersion ES



Sullivan LI/IB MS

OPTION 2:



“The Sullivan Language Academy”

3 – Identify the Issues

The Charrette began with an issue session designed to discuss and prioritize the language immersion programs' #1 challenge, #1 opportunity, activities required, types of spaces, furniture and equipment required, as well as a priority list to help support the program mission. Note cards were used to quickly identify the comments received from the committee.



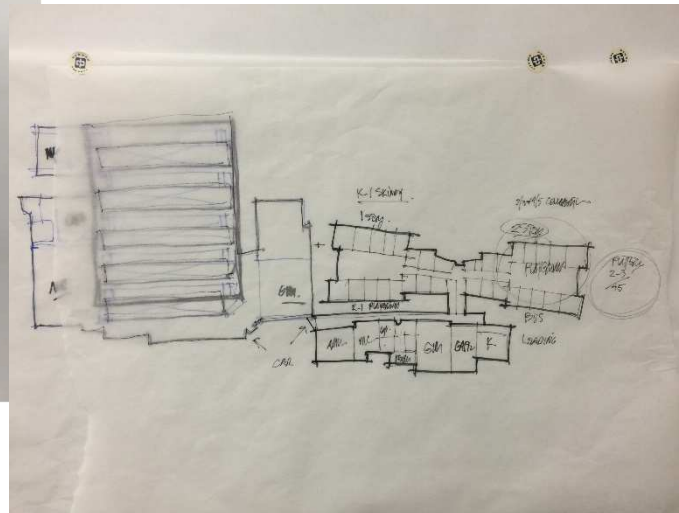
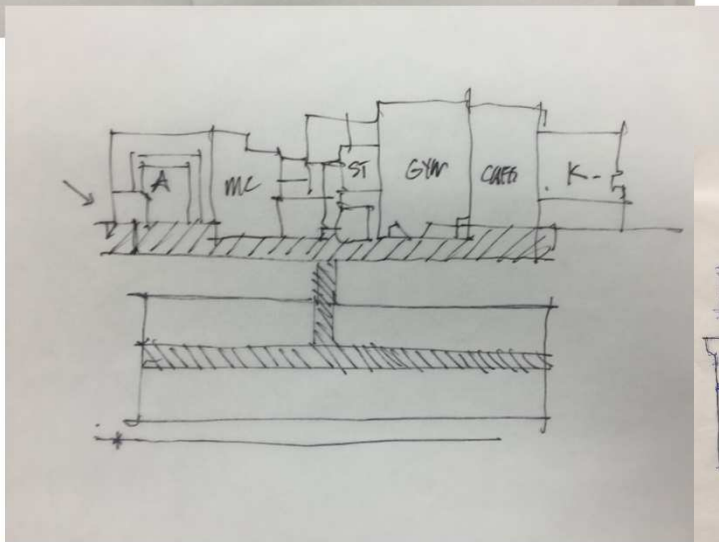
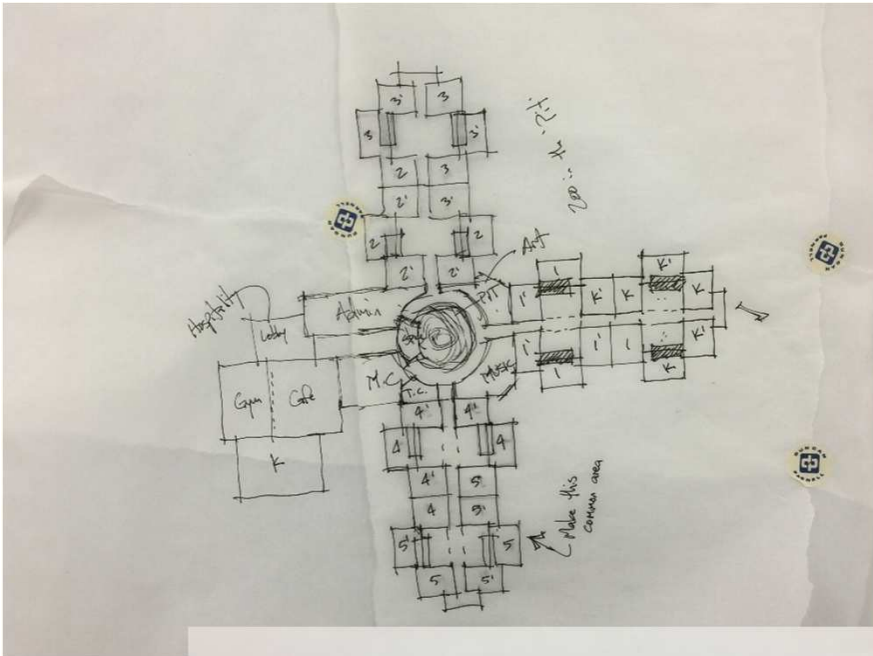
3 - Identify the Issues



3 – Issue Analysis Example

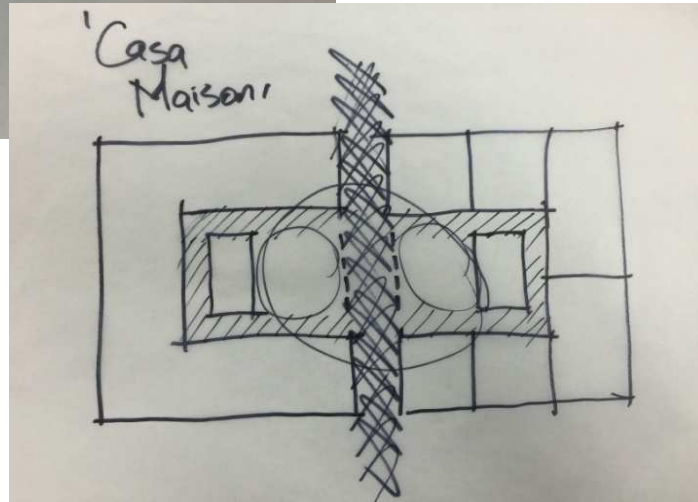
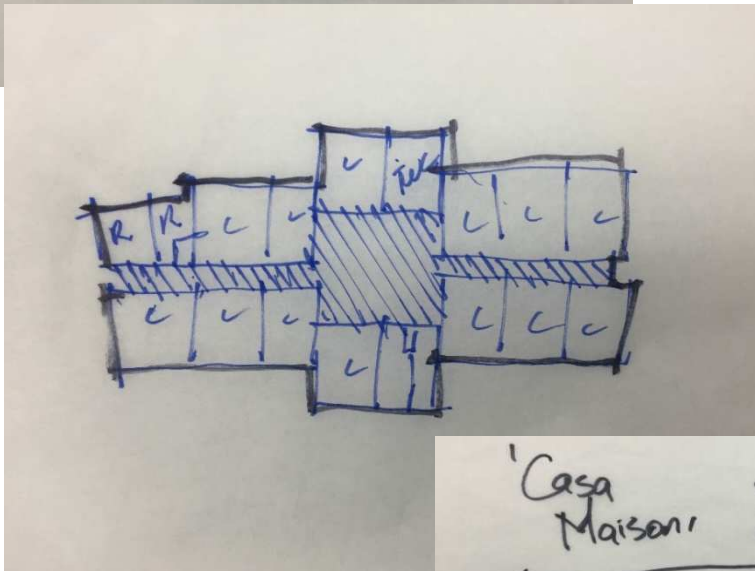
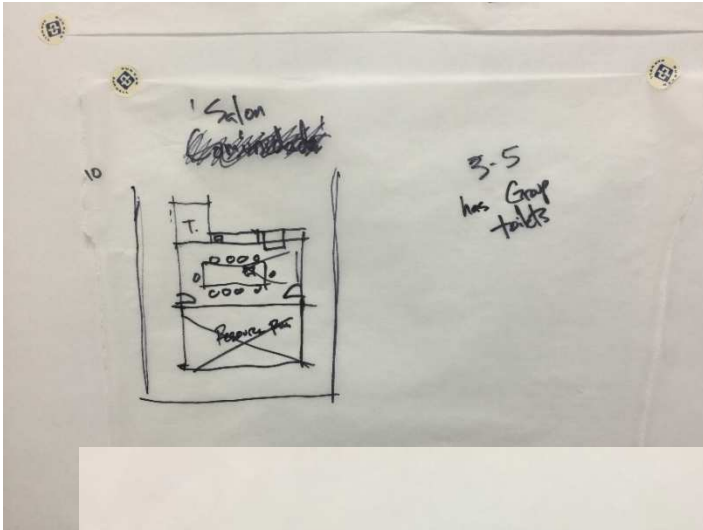
- Separate ES on dedicated site
- Separate ES on Sullivan MS site
- Integrated K-8 vs. connected ES/MS

Separate Elementary and Middle Grades – community issue

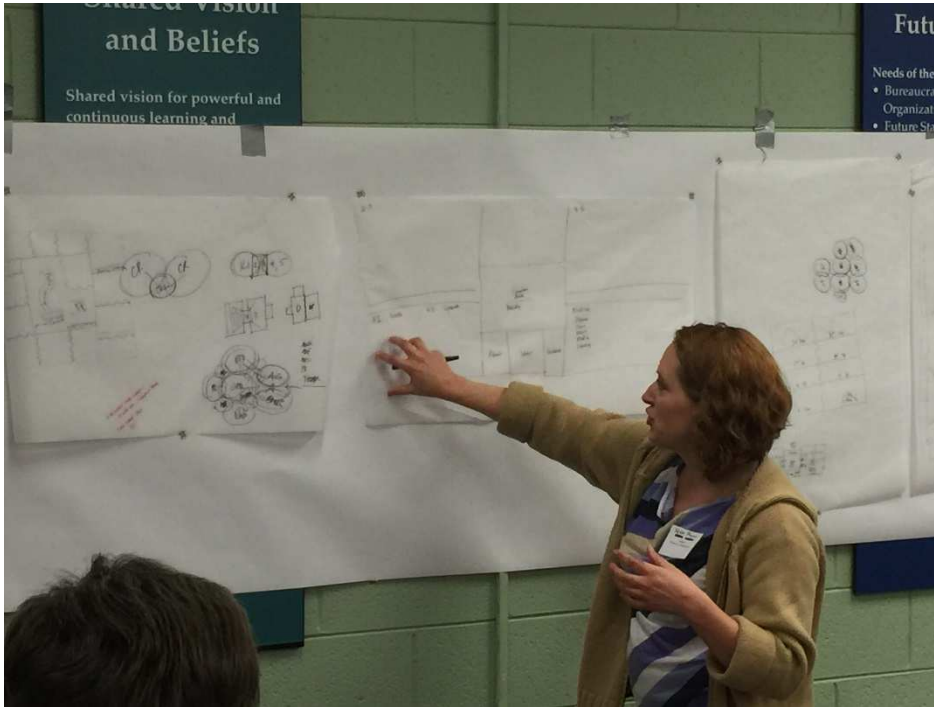


3 - Issue Analysis Examples

- Language Immersion 50/50 teaching model: Unique architectural 'opportunities'
- 3 pairs of rooms / grade: small rooms between pair facilitates collaboration, flow, supervision
- 'Casa Maison' – multi use collaboration
- 'Salons' – teacher centers +



3 -Team Presentations



4 – Mission Statement

- **The best definition of the Rock Hill Schools’ Language Immersion Academy is a facility**
 - **that is nationally renowned for developing bilingual, biliterate and bicultural students whose global skills are applied inside and outside the walls of the school.**
 - **which supports expanding communication skills and connections to the world community.**
 - **that is focused on supporting academic achievement and language development of all students through effective collaboration and targeted interventions.**
 - **That fosters strong partnerships with our local agencies, universities, businesses, volunteers, and families resulting in authentic experiences and service opportunities for our school community.**



5 – Document / Present

MOSELEY ARCHITECTS

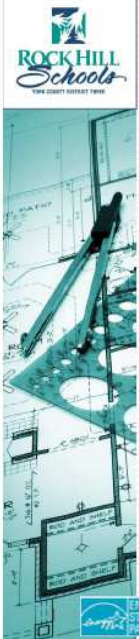
11430 N. Community House Road
 Suite 225
 Charlotte, NC 28277
 P: (704) 540-3755

2/29/2016

Rock Hill School District

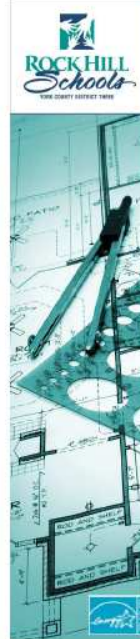
Language Immersion Charrette Summary

This document summarizes the results of the design charrette conducted January 28th and February 2nd, 2016.



Language Immersion Choice Program Post-Charrette Review

1



Agenda

Time	Item	Lead
5:30 – 5:40	Welcome and Admin Remarks	Brian Vaughan
5:40 – 5:45	Enrollment Projection - The Growth of the Program	Rich Melzer
5:45 – 5:50	Resource Issues: Funds Available	Brian Vaughan
6:00 – 6:45	Review of Charrette Report - Concept Pro / Con Exercise	Moseley Architects
6:45 – 7:05	Review Options and Costs - Prioritization Exercise	Moseley Architects Bill Klein / Dr. Pew
7:05 – 7:15	Resource Issues: Schedule - Way Ahead (Charrette Continuity)	Bill Klein
7:15 – 7:20	Closing Remarks: Moving Forward	Dr. Pew

2

Learning Objectives

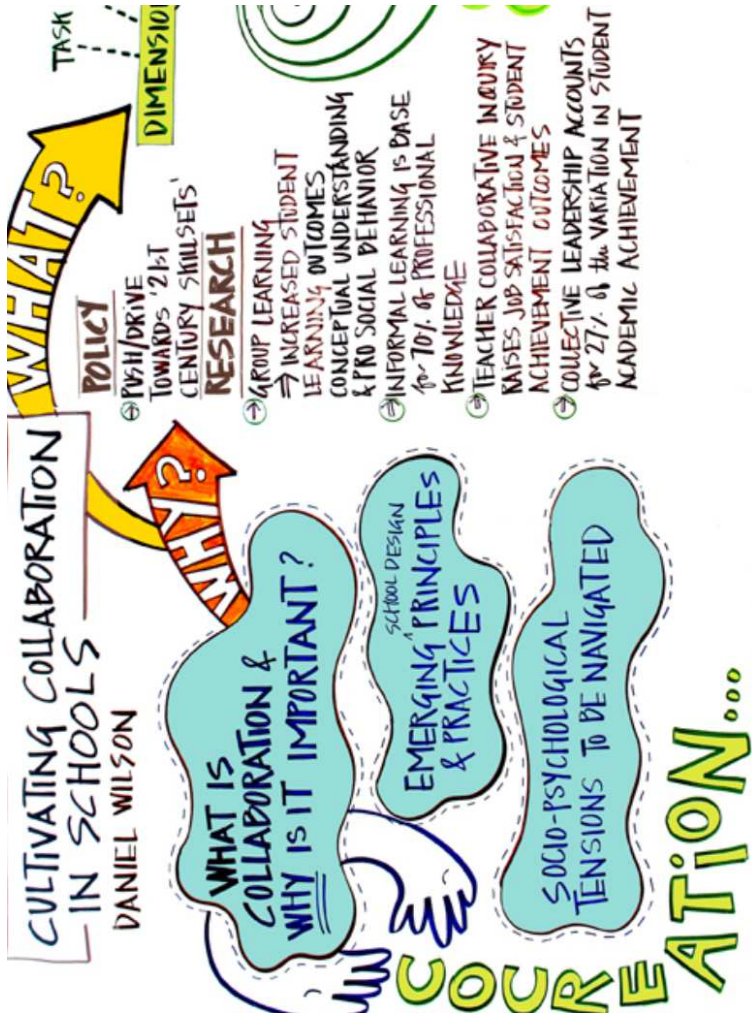
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Cultivating Collaboration with Flexible Learning Neighborhoods

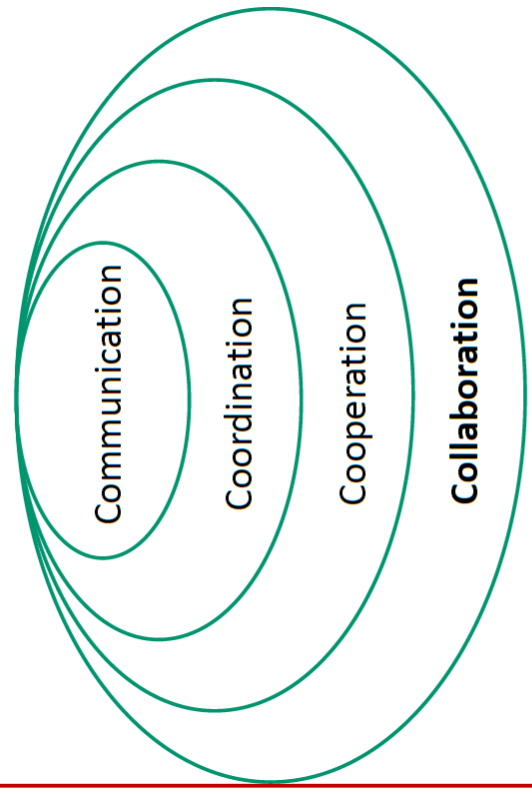


LEARNING ENVIRONMENTS for TOMORROW

NEXT PRACTICES for EDUCATORS & ARCHITECTS

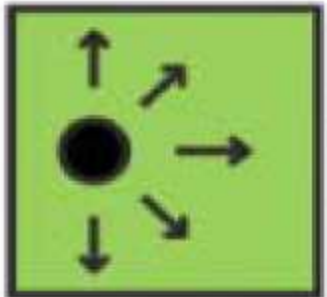
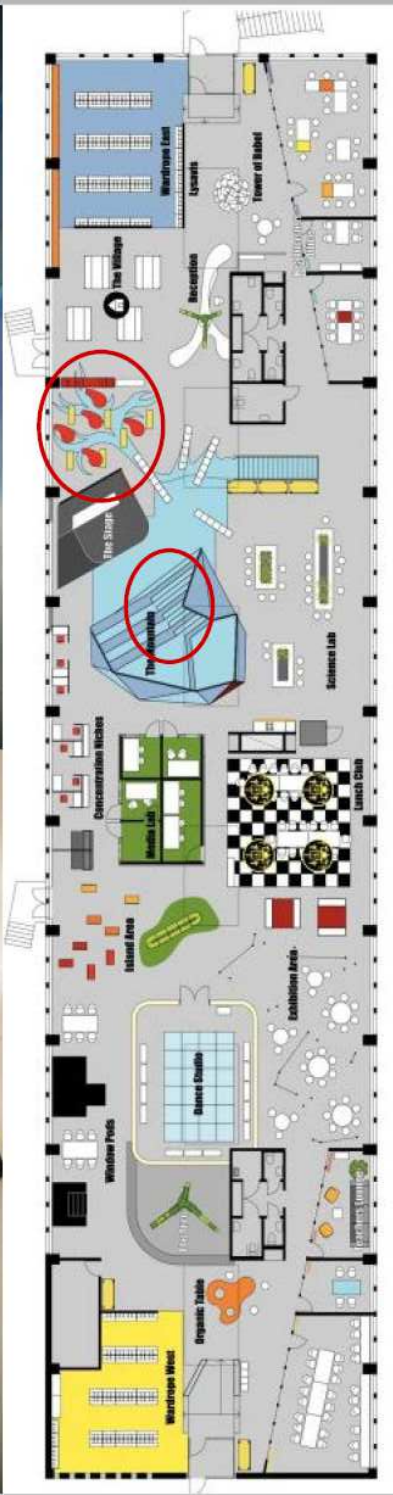


What is collaboration?



Dimensions

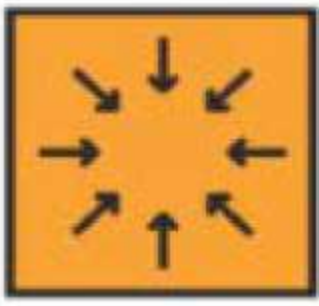
- Task interdependency *what*
- Coherent group composition *who*
- Group process *how*
- Collective commitments *why*



SHOW-OFF



CAVE



CAMPFIRE



WATERING HOLE



LABORATORY



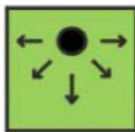
LABORATORY



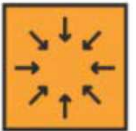
WATERING HOLE



CAVE



SHOW-OFF



CAMPFIRE

The Flexible Learning Environment:

- What it is –
 - Collaborative & Co-Creative... For students & teachers
 - Learning process-focused, teacher-driven
 - Technology-centric, furnishings enabled
- What it isn't –
 - Open space for its own sake...
 - “The Piedmont Project” of the '70's



The Wizard of Flex...

- It's (really) about the journey... *(incremental change works best.)*
- Some are afraid to go; some don't have the heart; some are a little TOO flexible... *(only the team can get there...)*
- It's all about Dorothy... *(you can't drag the teacher!)*
- The yellow brick road is shiny, but its only a road... *(technology and nice spaces are just the tools...)*
- ... *You always had the power to go "21st century"... you just had to find out for yourself!*



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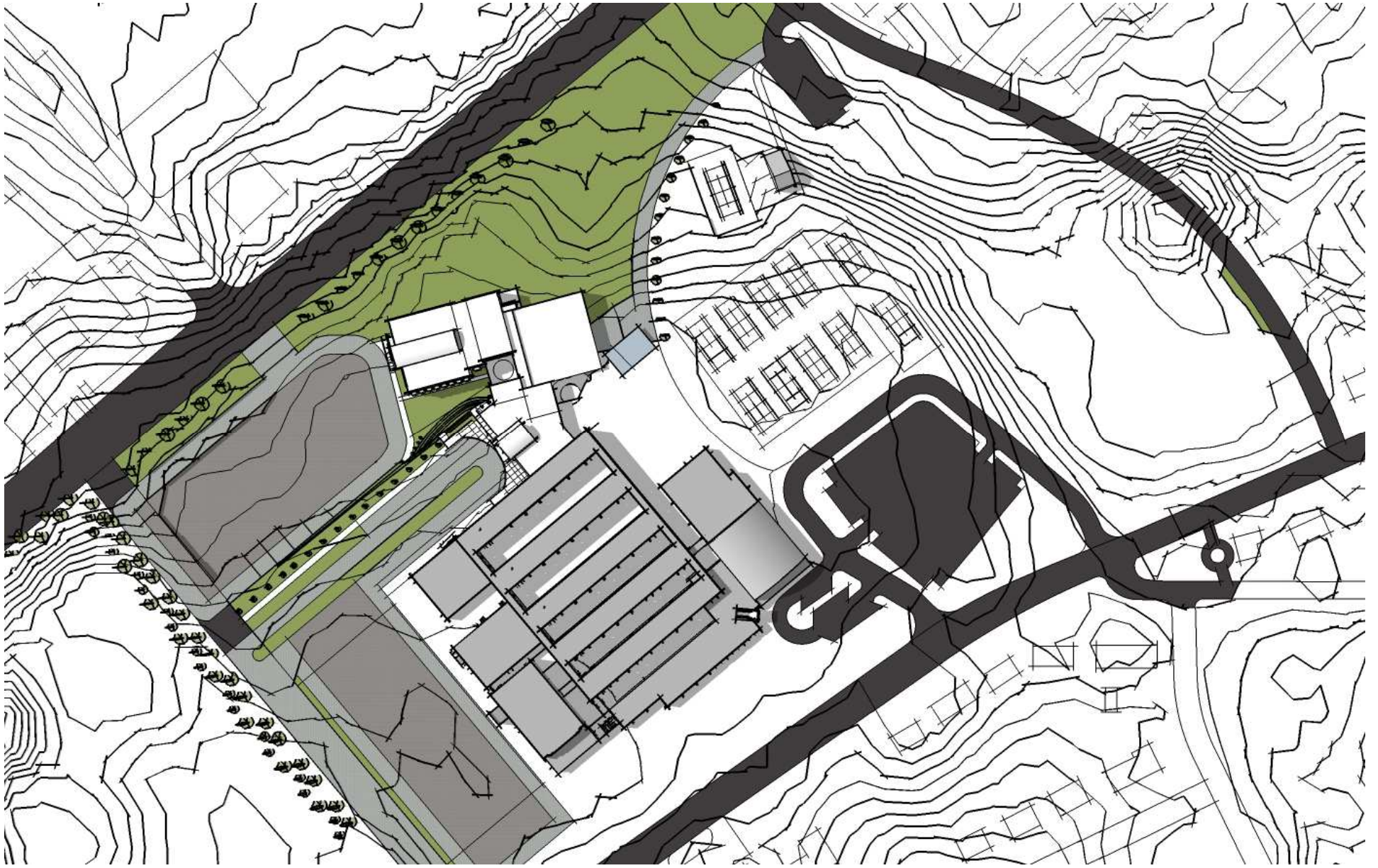
Cherry Park ES of Language Immersion



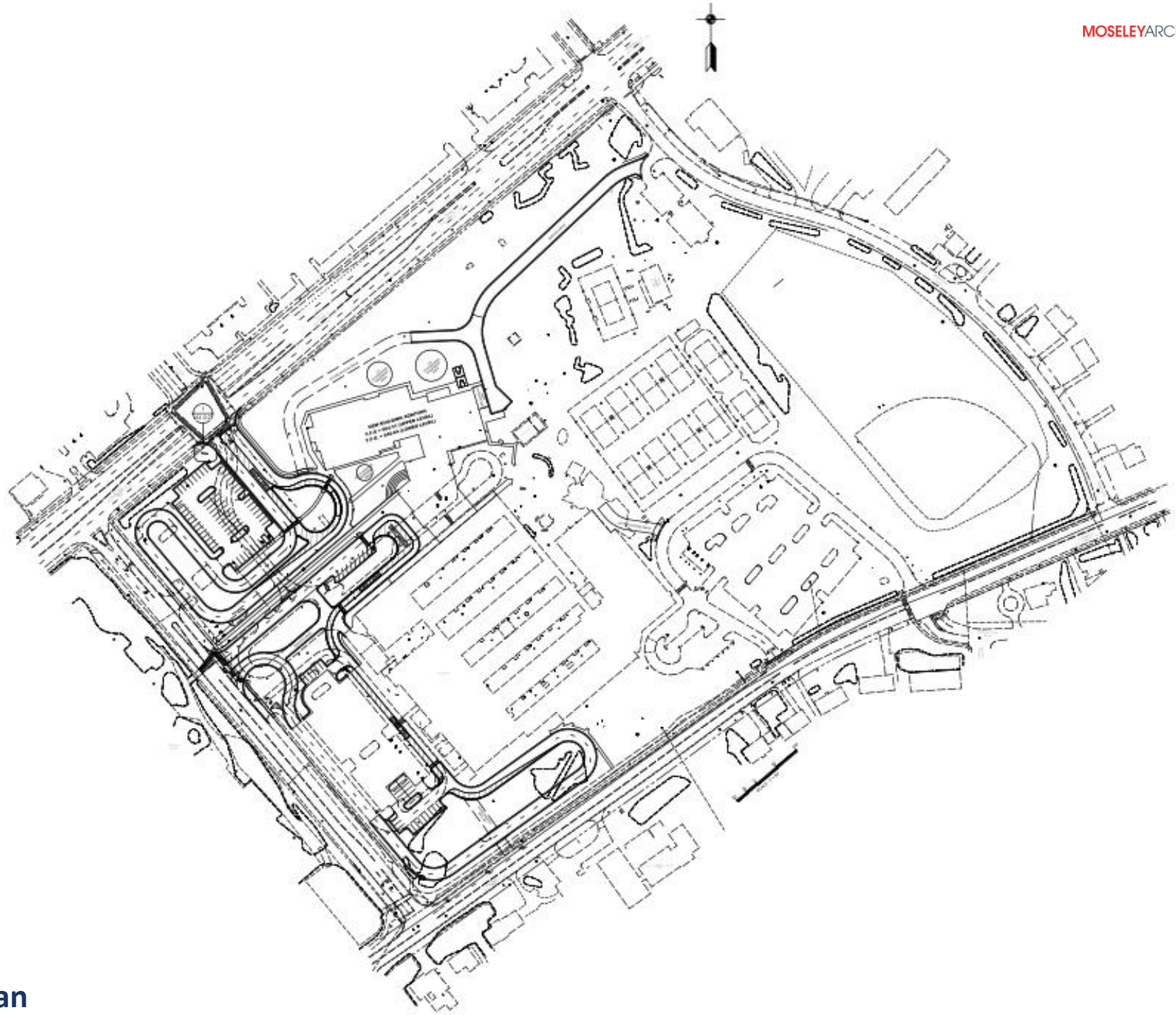
Site Plan



Existing Site



Concept Site Plan

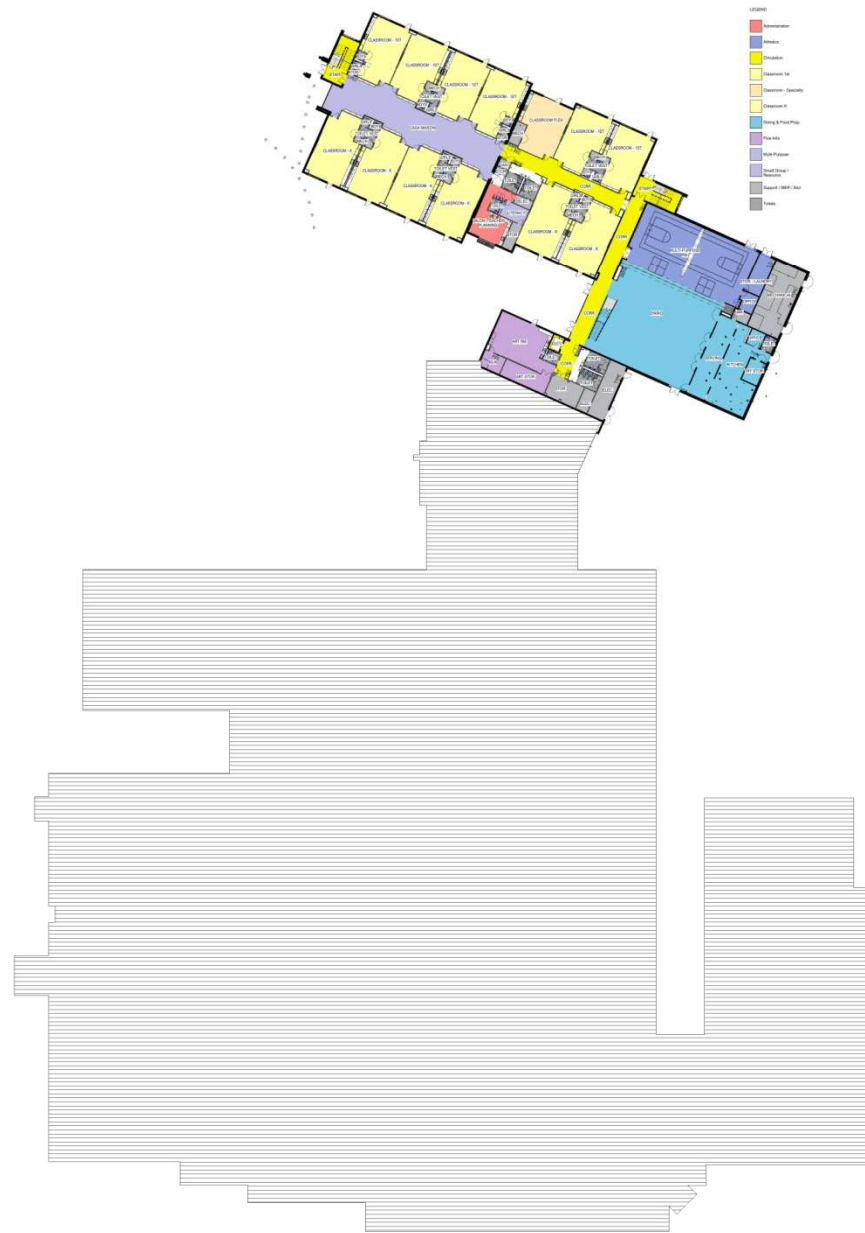


Site Plan

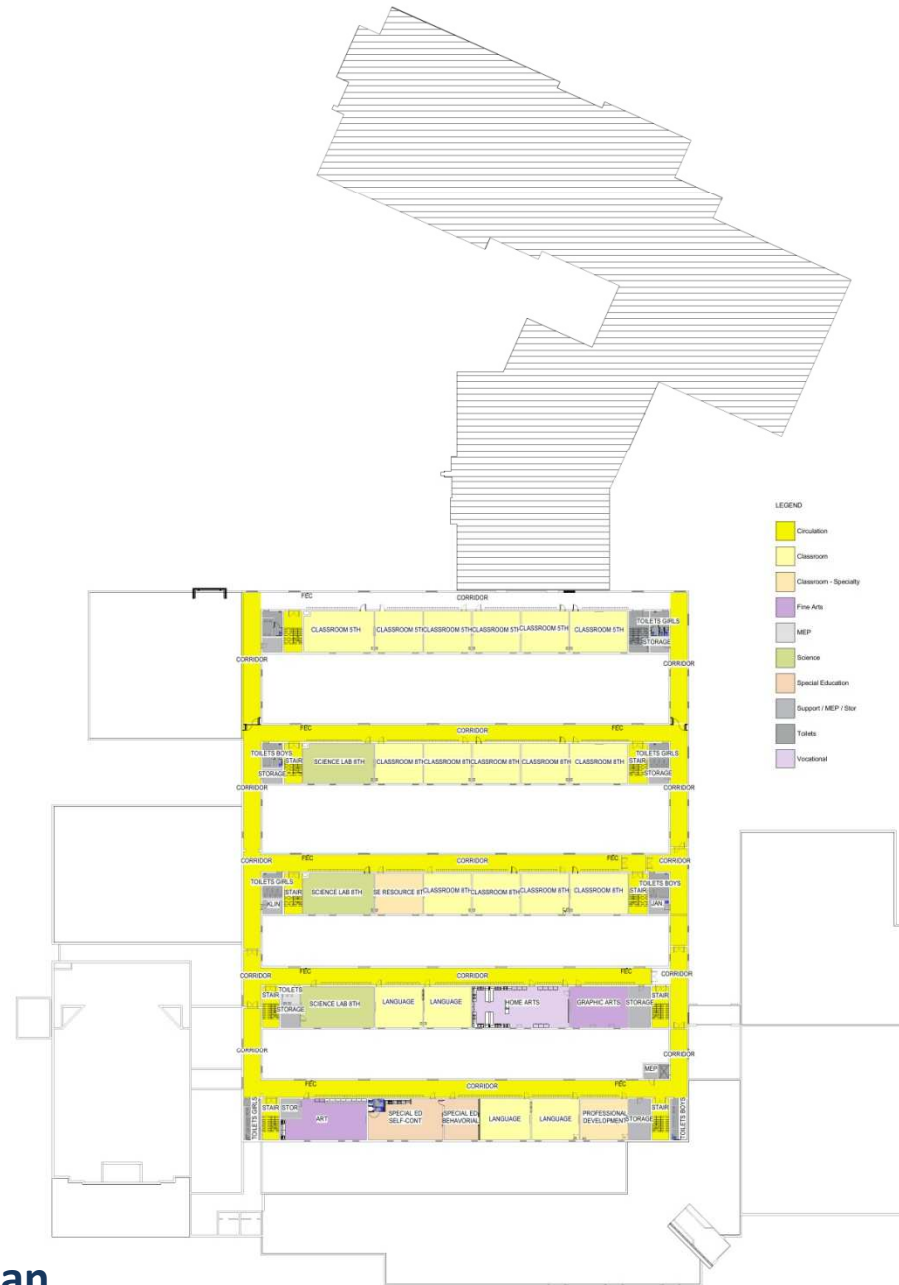
Cherry Park ES of Language Immersion



Floor Plans



Overall Lower Level Plan

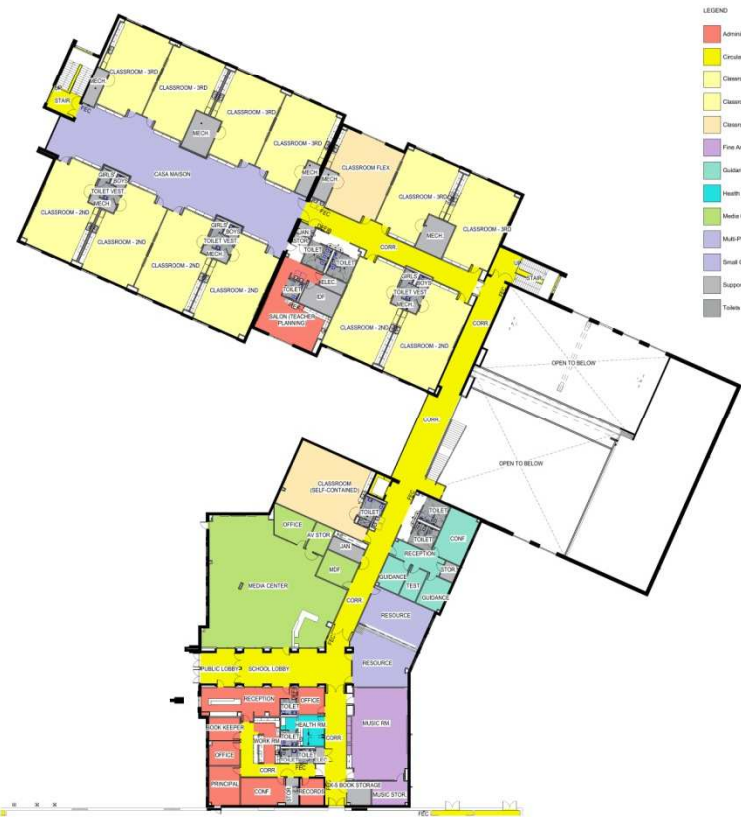


Overall Upper Level Plan



- LEGEND
- Administration
 - Athletics
 - Circulation
 - Classroom 1st
 - Classroom - Specialty
 - Classroom K
 - Dining & Food Prep
 - Fine Arts
 - Multi Purpose
 - Small Group / Resource
 - Support / MEP / Stor
 - Toilets

COLORED - LOWER LEVEL - ADDITION



- LEGEND
- Administration
 - Circulation
 - Classroom 2nd
 - Classroom 3rd
 - Classroom - Specialty
 - Fine Arts
 - Guidance
 - Health Services
 - Media Center
 - Multi Purpose
 - Small Group / Resource
 - Support / MEP / Stor
 - Toilets

COLORED - MAIN LEVEL - ADDITION

LANGUAGE IMMERSION ACADEMY
 AT SULLIVAN MIDDLE SCHOOL
 ROCK HILL SCHOOLS
 Rock Hill, South Carolina

PROJECT NO.	DATE	REVISIONS

COLORED PLANS - ADDITION

PRES 1

Addition Lower and Main Level Plan

- LEGEND
- Administration
 - Athletics
 - Auditorium
 - Circulation
 - Classroom
 - Classroom - Specialty
 - Fine Arts
 - Food Services
 - Health Clinic
 - Media Center
 - MEP
 - Science
 - Special Education
 - Support / MEP / Stor
 - Toilets

- LEGEND
- Circulation
 - Classroom
 - Classroom - Specialty
 - Fine Arts
 - MEP
 - Science
 - Special Education
 - Support / MEP / Stor
 - Toilets
 - Vocational



COLORED - MAIN LEVEL - EXISTING BUILDING



COLORED - UPPER LEVEL - EXISTING BUILDING

LANGUAGE IMMERSION ACADEMY
AT SULLIVAN MIDDLE SCHOOL
ROCK HILL SCHOOLS
Rock Hill, South Carolina

PROJECT NO.	DATE
SHEET NO.	REVISIONS
DATE	DESCRIPTION

COLOR PLANS - EXISTING BUILDING

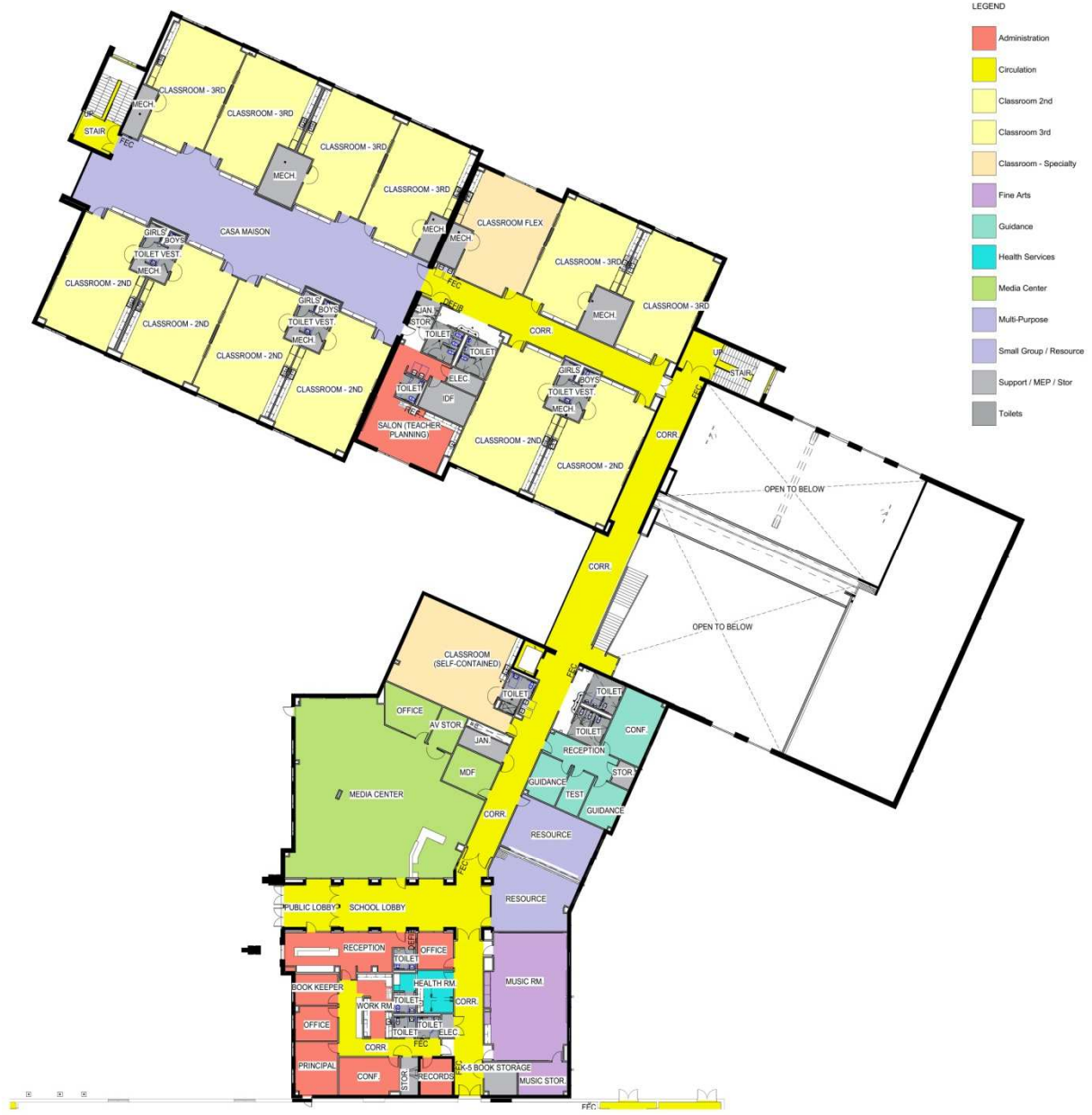
PRES 2

Existing Main and Upper Level Plan



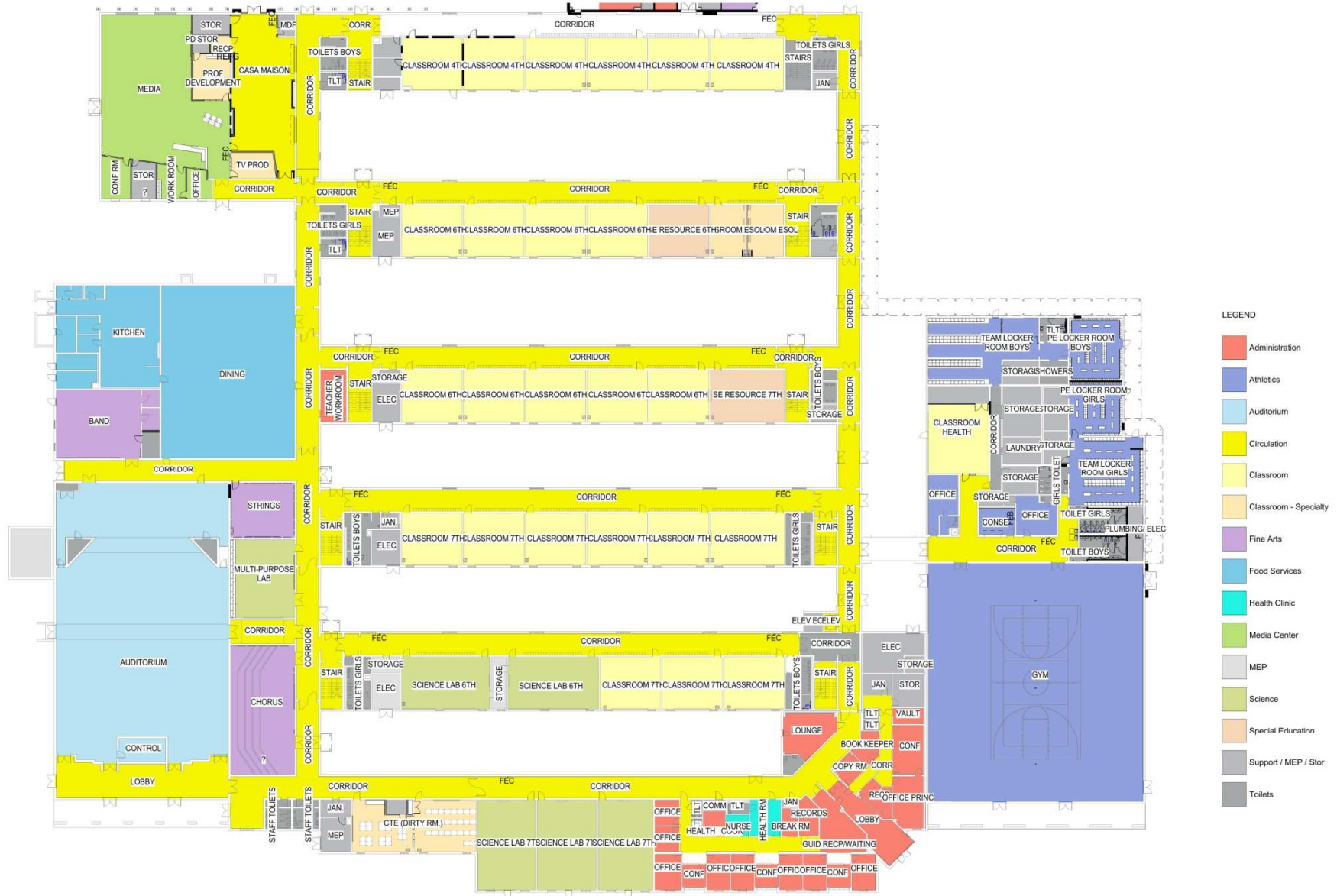
Addition Lower Level Plan



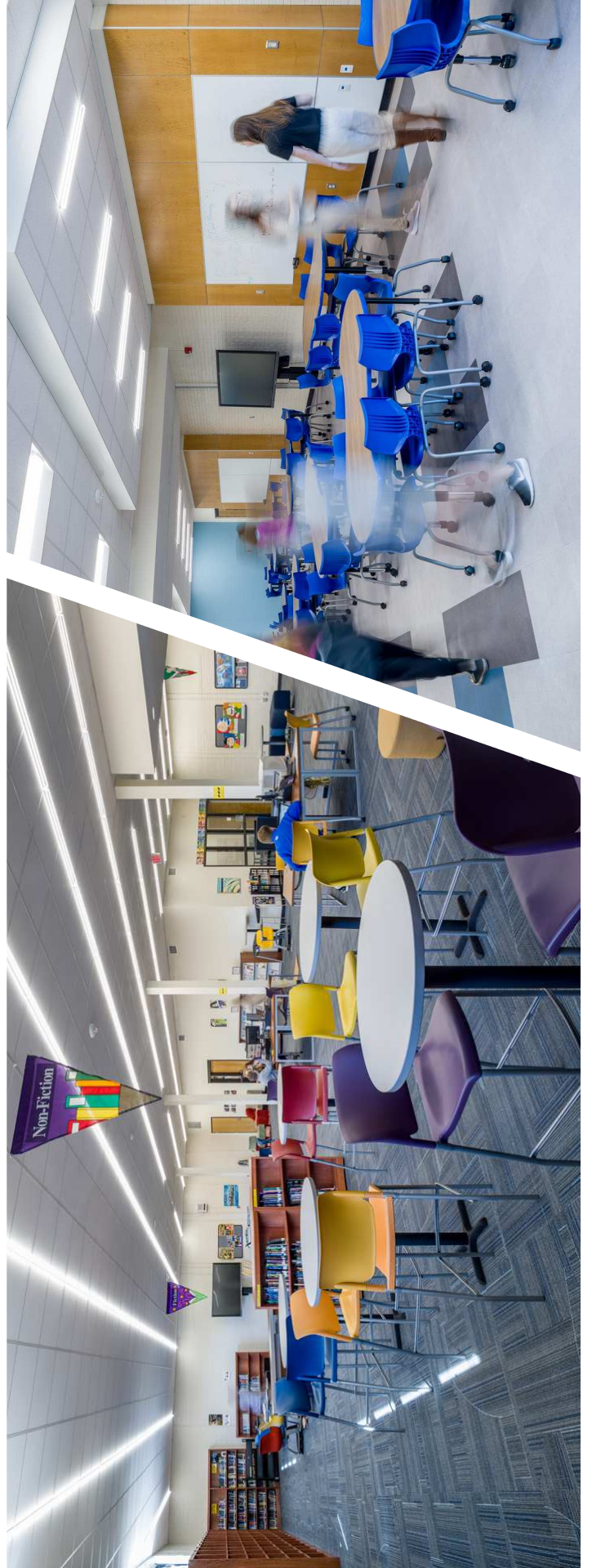


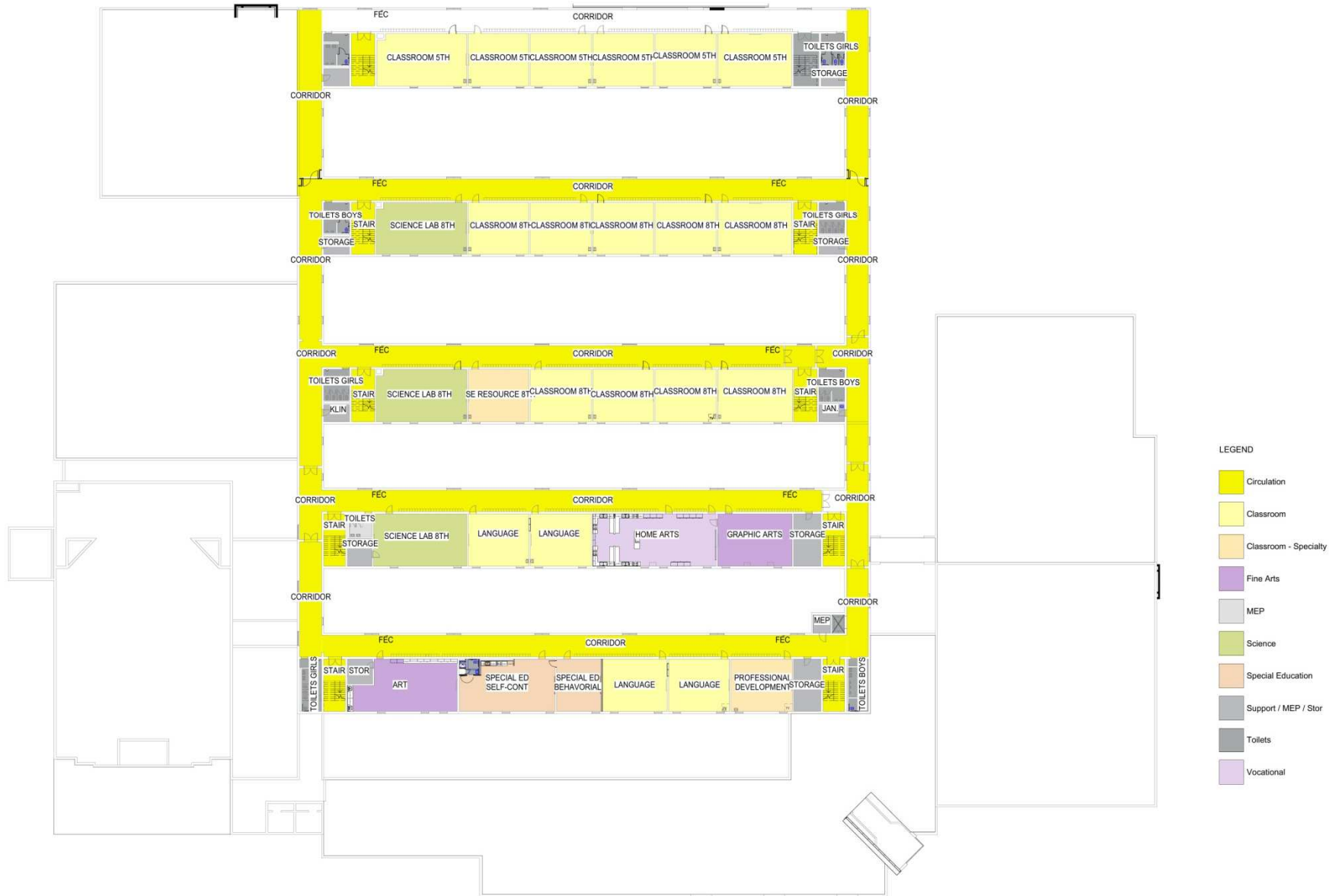
Addition Main Level Plan





Existing Main Level Plan





Existing Upper Level Plan

Cherry Park ES of Language Immersion



Exterior Design



Option 4A



Option 4A



Option 4A

Cherry Park ES of Language Immersion



Renderings



View from the Northeast – Along Dave Lyle Blvd.



Caswell Street View

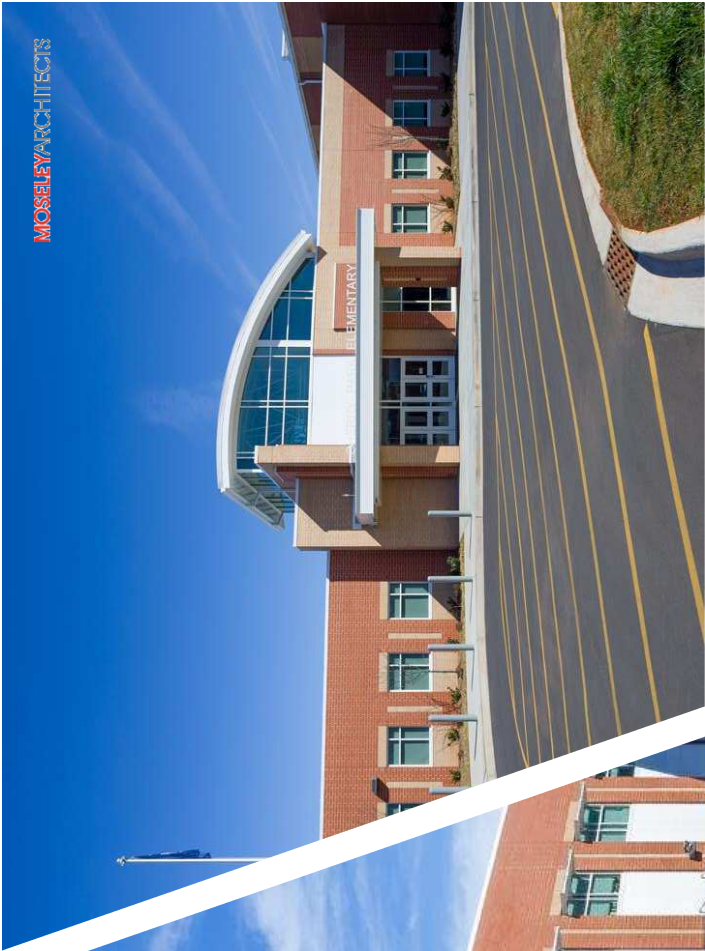


View from the West

Cherry Park ES of Language Immersion



Photos



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Flexible Learning Environments & Security

“classroom without walls”

Daylighting – windows³

Concurrent activities

Outdoor classrooms

Online all the time

Sustainable materials

CPTED – Access Control

Lockdown protocol

Line-of-sight

“bulletproof”

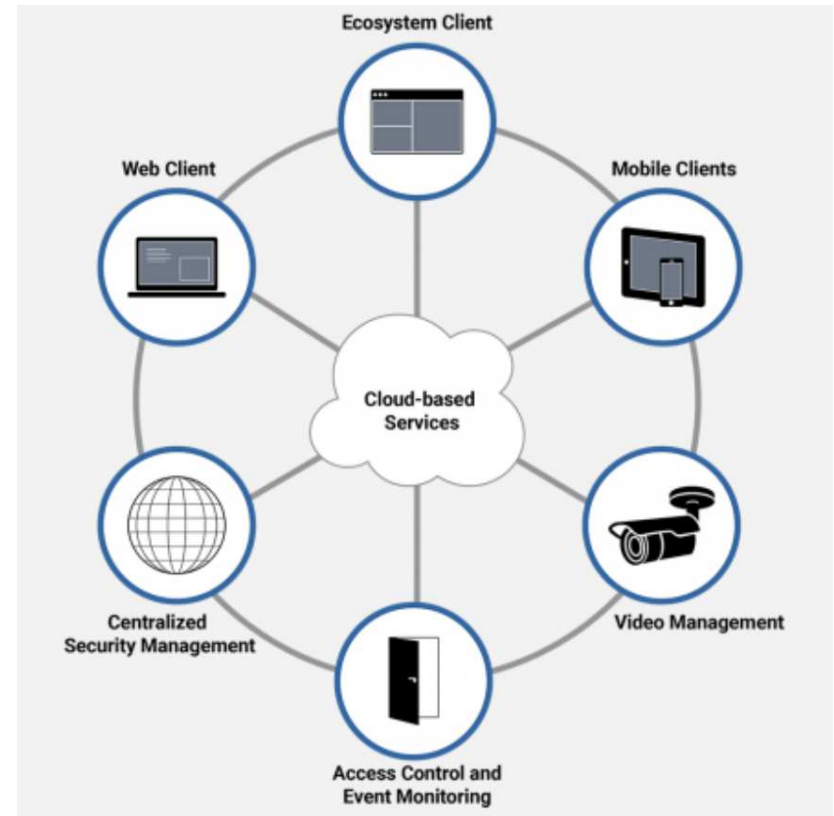
Codes, codes... Codes?

Active Shooter



RHSD3 Security “code”

- Integrated, online access control system and visitor management
- Full PIR/low light video/audio surveillance system
- All electronic locks
- Strategic fencing
- Resistant glazing
- Clerestory & transom-based daylighting.
- Security “synergy” of the K-8 campus: SRO, common systems...
- A/D/D assisted lockdown strategy with extra “safe rooms” provided
- Team-based training regimen



Lockout



Lockdown



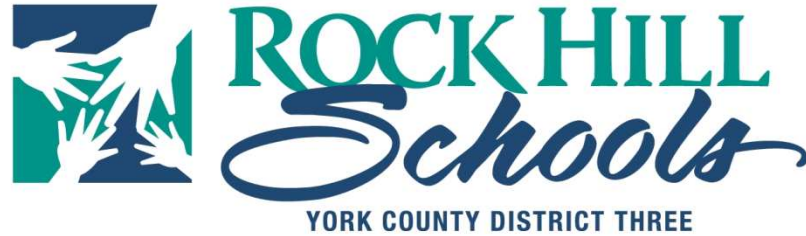
Evacuate



Shelter



New Language Immersion Academy at Sullivan Middle School



preguntas?