



**STEMA Vicenza**  
*The Student Centered Vicenza High School Charrette Process*

**Mike Baker, AIA**  
**RJ Lopez, AIA, ALEP**

**PSC**

# PRESENTERS



**Mike Baker, AIA**

Principal

**K12 Design Leadership**

33+ Years K-12 Experience



**RJ Lopez, AIA, ALEP**

Project Architect

**K12 Leadership**

8+ Years Experience

///

Credit(s) earned on completion of this course will be reported to **AIA CES** for AIA members. Certificates of Completion for both AIA members and non-AIA members are available upon request.

for continuing professional education. As such, it does not include content that may be deemed or construed to be an approval or endorsement by the AIA of any material of construction or any method or manner of handling, using, distributing, or dealing in any material or product.

---

Questions related to specific materials, methods, and services will be addressed at the conclusion of this presentation.

This course is registered with **AIA CES**





## Course Description

---

Located on a US Army base in Vicenza Italy, the design of the new Vicenza High School embraces both the historical context of Italian architecture and the goals of the Department of Defense Education Activity (DoDEA). “The goal of DoDEA is to design schools to meet 21st century learning objectives to include innovation in education, curriculum delivery, use of technology, and the requirements for sustainability and energy conservation. DoDEA requires schools of the future to be flexible and adaptable, allowing adjustments to new and innovative ways to deliver instruction and meet the needs of all students. A focus on quality must be maintained throughout the project including design and construction. The ultimate objectives for DoDEA are to deliver a project on time, within available funds, and in a safe manner, that satisfies the needs of the users.” (Excerpt from DoDEA Ed Specs) Learn how Parkhill Smith & Cooper more than “satisfied the needs of the users” through a fully immersive charrette process that lasted only one week. By working alongside students, teachers, parents, administrators, and approximately one dozen DoD related reviewers, the charrette team could push beyond initial investigation to a truly student centered conceptual design that surpassed expectations. While discussing the charrette process itself, we will also explore the unique opportunities that resulted from the project location such as the Italian building codes effect on the design and how the historical context of the area spurred learning opportunities throughout the building.



# Learning Objectives

---

At the end of the this course, participants will be able to:

1. Create a comprehensive client charrette schedule that increases both client feedback and design resolution
2. Identify both Department of Defense and Italian specific design requirements as it relates to school facilities.
3. Employ multiple forms of both physical and technological devices to create working model studies for quick client review and approval.
4. Utilize 21st century design concepts while still complying with existing design regulation constraints.



**REMEMBER TO:**

**SET THE TONE**

**SET THE SCHEDULE**

**BE FLEXIBLE**

**SUMMERIZE FINDINGS**

# char·rette

[SHə'ret] 

NOUN *NORTH AMERICAN*

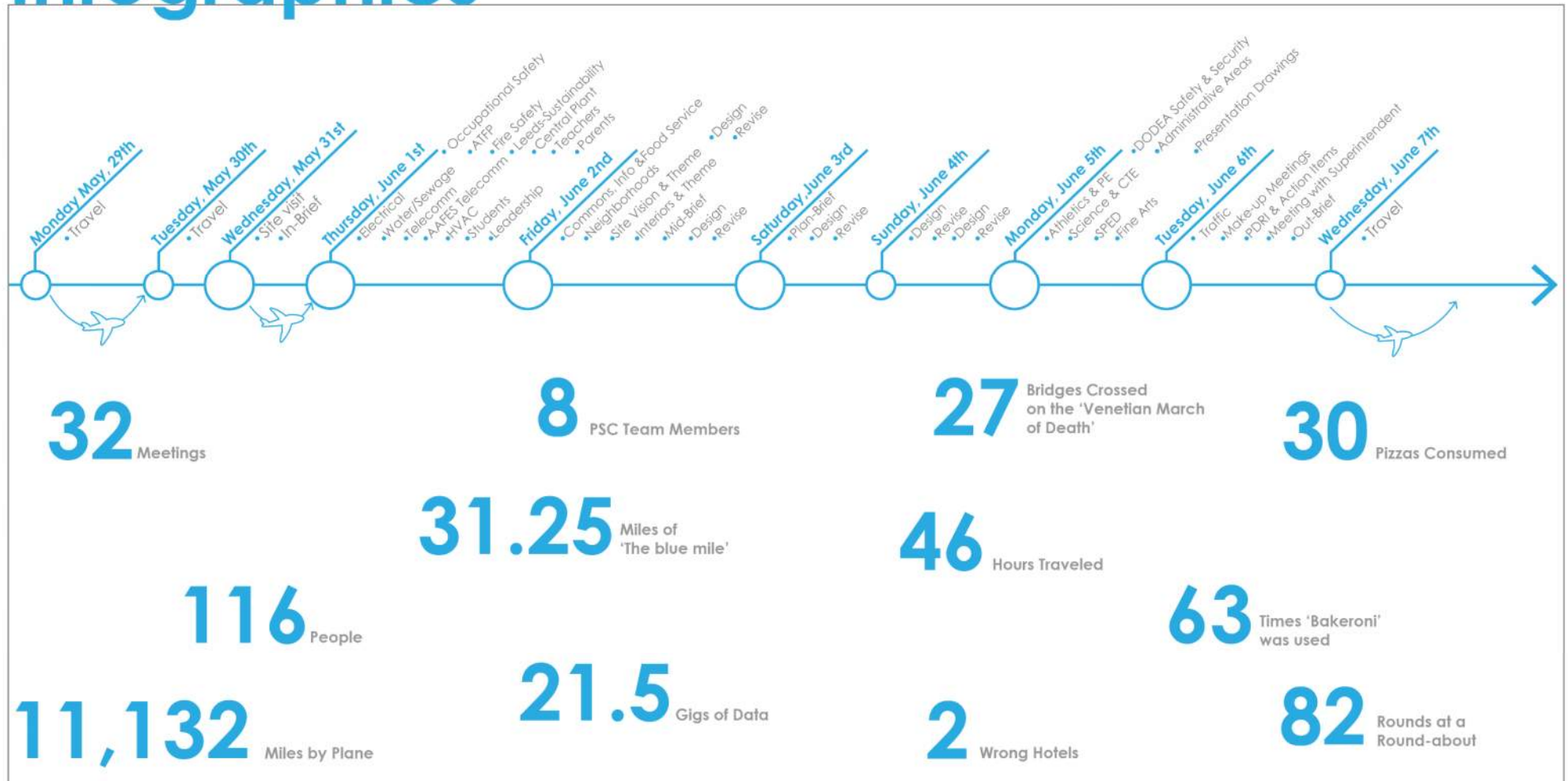
a meeting in which all stakeholders in a project attempt to resolve conflicts and map solutions.

# SCHEDULE





# Infographics



**\$ 62,406,000**





**354 students**



**51 staff**





# “School as a Teaching Tool”





**Youth  
Center**

**New 114,114 sf  
High School**

**New Athletic  
Fields**

**Middle  
School**

**Elementary  
School**

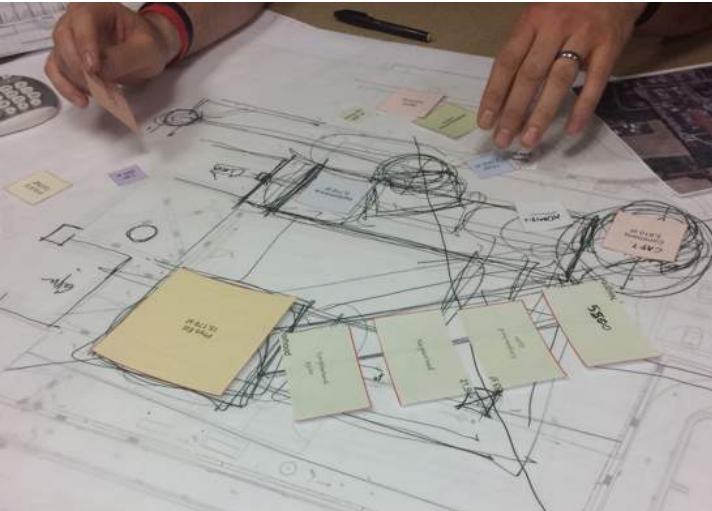
**Pre-K to  
Kindergarten**

**Child Dev.  
Center**

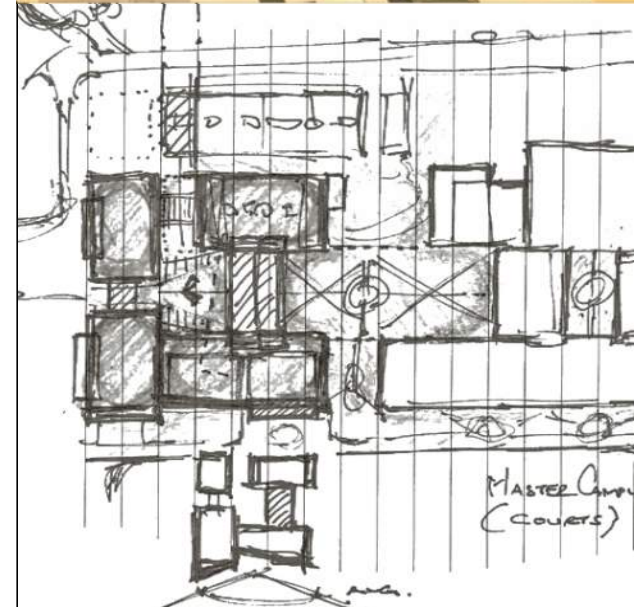
**HOUSING**



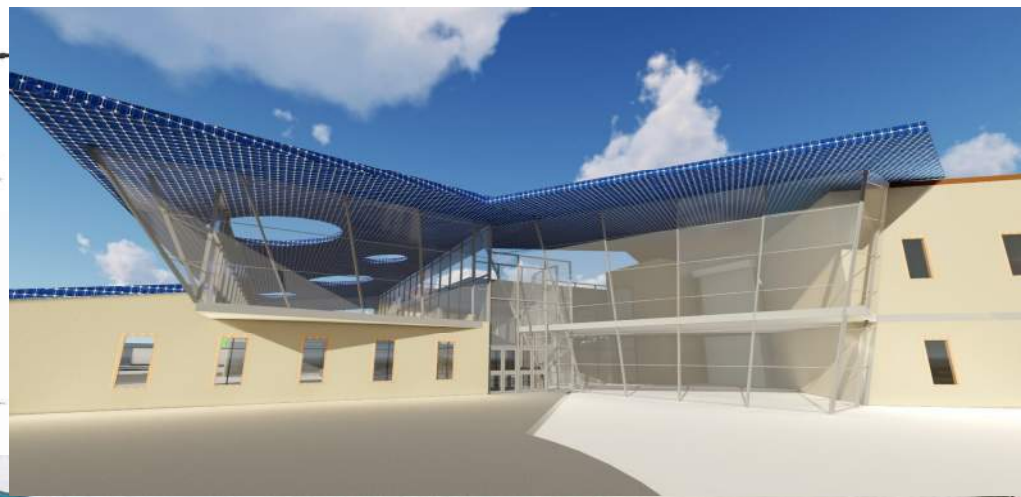
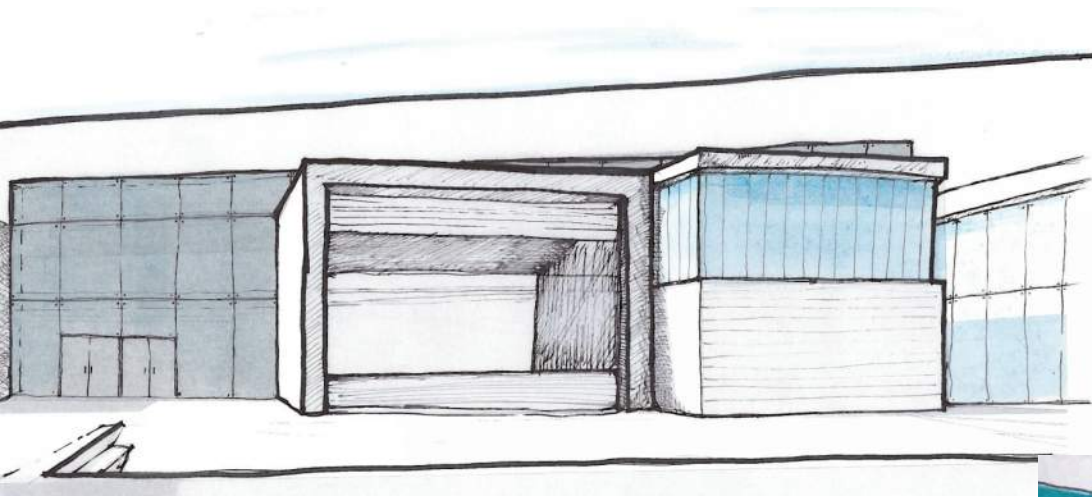


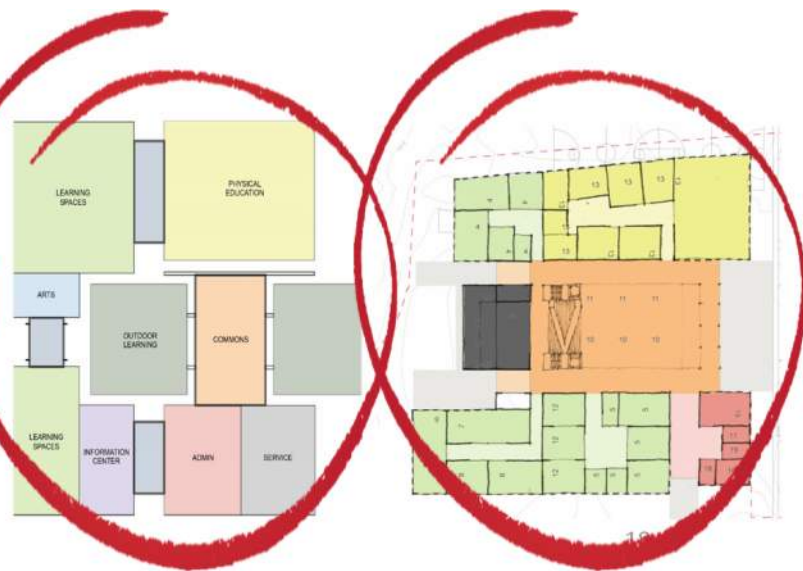


## **“Charrette” Competition**











## ASSEMBLE THE TEAM



PIC



PM



Ed Facility Planner



Architect



Architect



Interior Designer



Landscape Arch.



Project Assistant



The Italians: Architect, Mechanical/Plumbing, Electrical & structural









USACE NAO  
Design Center



(6)



(4)

Caserma  
Ederle





**REMEMBER TO:**

**SET THE TONE**

**SET THE SCHEDULE**

**BE FLEXIBLE**

**SUMMERIZE FINDINGS**



## FY18 REPLACE VICENZA HIGH SCHOOL Design Charrette (FACD) Agenda

All sessions will be held at the DSO Conference Room  
(Building 307, Vicenza Army Garrison) unless otherwise noted

All times are Central European Summer Time (CEST)

DoDEA (HQ, Area, District and Schools)	Steve Donley (Chief, Facilities); Andrew Komm (MILCON Program Manager); Jude Scally (ISS, Info Centers); Vastee Gilmore (HQ IT); Robert Rose (HQ Security); Shaun Irvine (Force Protection PM); Angel Hernandez (DoDEA-EU Facilities PM); Robert Mikell (IT rep)
DoDEA (District and VHS)	Kent Worford (DoDEA MED superintendent); Steve Sanchez (Vicenza Community Superintendent); David Rudy (VHS Principal); Cheryl Tibbs (VHS Assistant Principal); Michael Dansereau (Facility Manager); Dr. Susan Brown (Chief of Staff)
NAVFAC (Atlantic and ROICC)	Lawrence Trueworthy (PM); Jeff Stark (Arch); Jennifer Blaess (Arch/int); Mike Lewis (Landscape/Site Design); Carl Jackson (ROICC Chief); Lisa Magana (ROICC Supervisory Engineer)
USACE (NAO Design Center)	Thomas Booth (PM); Bryan Burge (Design Center); Melody Will (Programming)
US Army Garrison Vicenza	Norman Stiegler (Director, Public Works); Charles "Bernie" Kruse (Chief, Engineering); Christopher Anderson (Acting chief, Masterplanning Division)
Design Team	Robert Rollo (PIC), Gary Ferguson (PM), Mike Baker (Ed Facility Planner); RJ Lopez (Arch); Enrique Ramirez (Jr. Arch); Chad Dietz (Site Design/Landscape); Kelly Hill (interiors); Patrick Hodgson (Cost Eng.); Brady Jackson (Project Assistant); Ferruccio Izzo (Arch); Dominico Giancane (Struct Eng.); Francesco Saturno (Elect); Julie Brown (Fire Prot); Lance Brooks (Foodservice Planning); Daniel Painter (ATFP/Blast Analysis); John Robb Hicks (Data/AV/Security)

### WEDNESDAY - INBRIEF AND CONCEPT SELECTION

TRACK 1 (DSO Conference Room: VAG Bldg 307)				TRACK 2 (HOTEL MEETING ROOM OR OTHER LOCATION NOTED)			
TIME	TOPIC/LOCATION	DESCRIPTION	ATTENDEES	TOPIC/LOCATION	DESCRIPTION	ATTENDEES	TIME
08:00-09:00	Travel to Villaggio Della Pace and ACP Access. Meet at bus parking area on S side of site location						08:00-09:00
09:00-11:30	1.01 - SITE TOUR VILLAGGIO DELLA PACE	OPTIONAL SESSION Site Walking Tour for all stakeholders	PLANNING TEAM, NAVFAC TEAM, USACE, DODEA TEAM MEMBERS				09:00-11:30
11:30-12:00	Return Travel						11:30-12:00
12:00-13:00	Lunch Break						12:00-13:00
13:00-17:00	1.02 - IN-BRIEFING DSO Conference (Building 307 VAG)	PRESENTATION OF CONCEPTS AND DISCUSSION <u>WEB HOSTED SESSION:</u> SEE CONNECTION INFO BELOW	ALL INTERESTED STAKEHOLDERS ARE WELCOME. KEY PARTICIPANTS INCLUDE DODEA EDUCATIONAL LEADERSHIP AND INSTALLATION PLANNERS. MAXIMUM INPUT IS MOST VALUABLE TO THE PROCESS				13:00-17:00

#### IN-BRIEFING Web-Ex Connection Info

URL: <https://team-psc.webex.com/team-psc/j.php?MTID=m9e16hcb9b5388408e03db44349cac615> Access Code: 801 240 601 Host Key: 782391  
US Toll Free: 1 (877) 668-4490 Italy Toll-Free: 800-875197 Password (if asked): GoCougars Access Code: 801 240 601



## FY18 REPLACE VICENZA HIGH SCHOOL Design Charrette (FACD) Agenda

DoDEA (HQ, Area, District and Schools)	Steve Donley (Chief, Facilities); Andrew Komm (MILCON Program Manager); Jude Scally (ISS, Info Centers); Vastee Gilmore (HQ IT); Robert Rose (HQ Security); Shaun Irvine (Force Protection PM); Angel Hernandez (DoDEA-EU Facilities PM); Robert Mikell (IT rep)
DoDEA (District and VHS)	Kent Worford (DoDEA MED superintendent); Steve Sanchez (Vicenza Community Superintendent); David Rudy (VHS Principal); Cheryl Tibbs (VHS Assistant Principal); Michael Dansereau (Facility Manager); Dr. Susan Brown (Chief of Staff)
NAVFAC (Atlantic and ROICC)	Lawrence Trueworthy (PM); Jeff Stark (Arch); Jennifer Blaess (Arch/int); Mike Lewis (Landscape/Site Design); Carl Jackson (ROICC Chief); Lisa Magana (ROICC Supervisory Engineer)
USACE (NAO Design Center)	Thomas Booth (PM); Bryan Burge (Design Center); Melody Will (Programming)
US Army Garrison Vicenza	Norman Stiegler (Director, Public Works); Charles "Bernie" Kruse (Chief, Engineering); Christopher Anderson (Acting chief, Masterplanning Division)

DoDEA (HQ, Area, District and Schools)	Steve Donley (Chief, Facilities); Andrew Komm (MILCON Program Manager); Jude Scally (ISS, Info Centers); Vastee Gilmore (HQ IT); Robert Rose (HQ Security); Shaun Irvine (Force Protection PM); Angel Hernandez (DoDEA-EU Facilities PM); Robert Mikell (IT rep)
DoDEA (District and VHS)	Kent Worford (DoDEA MED superintendent); Steve Sanchez (Vicenza Community Superintendent); David Rudy (VHS Principal); Cheryl Tibbs (VHS Assistant Principal); Michael Dansereau (Facility Manager); Dr. Susan Brown (Chief of Staff)
NAVFAC (Atlantic and ROICC)	Lawrence Trueworthy (PM); Jeff Stark (Arch); Jennifer Blaess (Arch/int); Mike Lewis (Landscape/Site Design); Carl Jackson (ROICC Chief); Lisa Magana (ROICC Supervisory Engineer)
USACE (NAO Design Center)	Thomas Booth (PM); Bryan Burge (Design Center); Melody Will (Programming)
US Army Garrison Vicenza	Norman Stiegler (Director, Public Works); Charles "Bernie" Kruse (Chief, Engineering); Christopher Anderson (Acting chief, Masterplanning Division)
Design Team	Robert Rollo (PIC), Gary Ferguson (PM), Mike Baker (Ed Facility Planner); RJ Lopez (Arch); Enrique Ramirez (Jr. Arch); Chad Dietz (Site Design/Landscape); Kelly Hill (interiors); Patrick Hodgson (Cost Eng.); Brady Jackson (Project Assistant); Ferruccio Izzo (Arch); Dominico Giancane (Struct Eng.); Francesco Saturno (Elect); Julie Brown (Fire Prot); Lance Brooks (Foodservice Planning); Daniel Painter (ATFP/Blast Analysis); John Robb Hicks (Data/AV/Security)

13:00-17:00	1.02 - IN-BRIEFING DSO Conference (Building 307 VAG)	PRESENTATION OF CONCEPTS AND DISCUSSION <u>WEB HOSTED SESSION:</u> SEE CONNECTION INFO BELOW	WELCOME. KEY PARTICIPANTS INCLUDE DODEA EDUCATIONAL LEADERSHIP AND INSTALLATION PLANNERS. MAXIMUM INPUT IS MOST VALUABLE TO THE PROCESS	13:00-17:00
-------------	--	---	---	-------------

### IN-BRIEFING Web-Ex Connection Info

URL: <https://team-psc.webex.com/team-psc/j.php?MTID=nnk16bcb9b5388408e03db44349cac615>  
 US Toll Free: 1 (877) 668-4490      Italy Toll-Free: 800-875197      Password (if asked): GoCougars      Access Code: 801 240 601      Host Key: 782391

June 1, 2017	09:00-10:00	<b>2.01 - ELECTRICAL</b> DSO Conference (Building 307 VAG)	
	10:00-11:00	<b>2.02 - WATER/SEWER</b> DSO Conference (Building 307 VAG)	
	11:00-12:00	<b>2.03 - TELECOMM</b> DSO Conference (Building 307 VAG)	
	12:00-13:00		
	13:00-14:00	<b>2.04 - ATFP/OP-ORD</b> DSO Conference (Building 307 VAG)	
	14:00-15:00	<b>2.05 - FIRE/SAFETY</b> DSO Conference (Building 307 VAG)	
	15:00-16:00	<b>2.06 - LEED/SUST.</b> DSO Conference (Building 307 VAG)	
	16:00-17:00	<b>2.07 -CNTRL PLANT</b> DSO Conference (Building 307 VAG)	

<b>2.08 - STUDENTS</b> Vicenza HS Library
--



Break

<b>2.09 - STAFF</b> Vicenza HS Library
---



<b>2.10 - LEADERSHIP</b> Vicenza HS Room 39
--



<b>2.11 PARENT SESSION</b> Vicenza HS Room 39
--

## FRIDAY - TECHNICAL/EDUCATIONAL MEETINGS

### TRACK 1 (DSO Conference Room: VAG Bldg 307)

### TRACK 2 (HOTEL MEETING ROOM OR OTHER LOCATION NOTED)

TIME	TOPIC/LOCATION	DESCRIPTION	ATTENDEES	TIME
08:00-09:00	MEETING PREP/TRAVEL			
09:00-10:30	<b>3.01 - COMMONS / INFO / FOODSERVICE</b> DSO Conference (Building 307 VAG)	FOCUSED DISCUSSIONS REGARDING DINING/FOOD, INFO CENTER, PERFORMANCE	PDT AND STAFF GROUP SELECTED BY PRINCIPAL	08:00-12:00
10:30-12:00	<b>3.02 - NEIGHBORHOODS</b> DSO Conference (Building 307 VAG)	FOCUSED DISCUSSIONS REGARDING PRIMAMRY ACADEMIC NEIGHBORHOOD SUITES	PDT AND STAFF GROUP SELECTED BY PRINCIPAL	
12:00-13:00	Lunch Break			12:00-13:00
13:00-14:30	<b>3.03 - SITE VISION/THEME/SATT</b> DSO Conference (Building 307 VAG)	FOCUSED DISCUSSIONS REGARDING THEMING AND FUNCTION OF OUTDOOR SPACES AND LEARNING AREAS	PDT AND STAFF GROUP SELECTED BY PRINCIPAL	13:00- 15:30
14:30-16:00	<b>3.04 - INTERIORS VISION/THEME/SATT</b> DSO Conference (Building 307 VAG)	FOCUSED DISCUSSIONS REGARDING THEMING OF THE TEACHING TOOL SCHOOL AND MATERIAL PREFERENCES	PDT AND STAFF GROUP SELECTED BY PRINCIPAL	
16:00-17:00	<b>3.05 - MID BRIEF</b> DSO Conference (Building 307 VAG)	"TOUCH BASE" ON CONCEPT DEVELOPMENT <u>WEB HOSTED SESSION:</u> SEE CONNECTION INFO BELOW	PDT AND DODEA SCHOOL REPRESENTATIVES	16:00-17:00

TRAVEL TO VHS

CONCEPT REFINEMENT  
VIEST HOTEL  
VERDI ROOM

DESIGN TEAM WORK SESSION TO REFINE  
CONCEPT PLANS

DESIGN TEAM AND NAVFAC/DODEA PM

CONCEPT REFINEMENT  
VIEST HOTEL  
VERDI ROOM

DESIGN TEAM WORK SESSION TO REFINE  
CONCEPT PLANS

DESIGN TEAM AND NAVFAC/DODEA PM















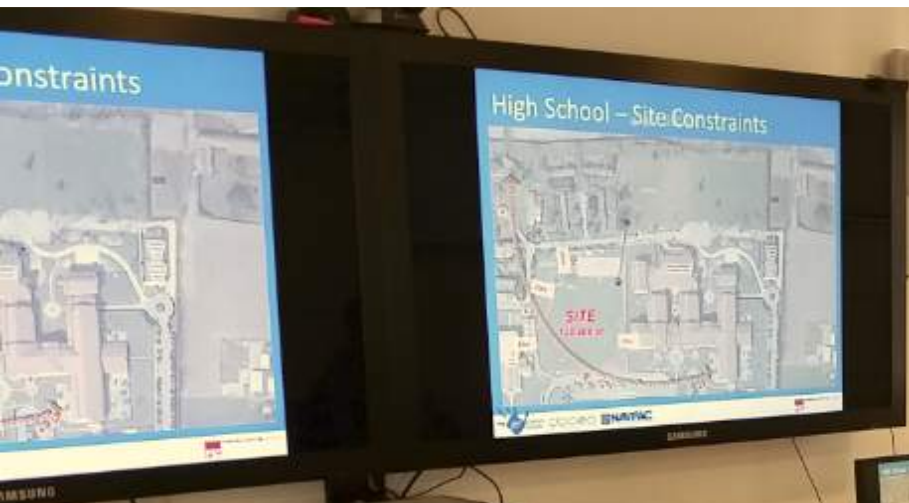










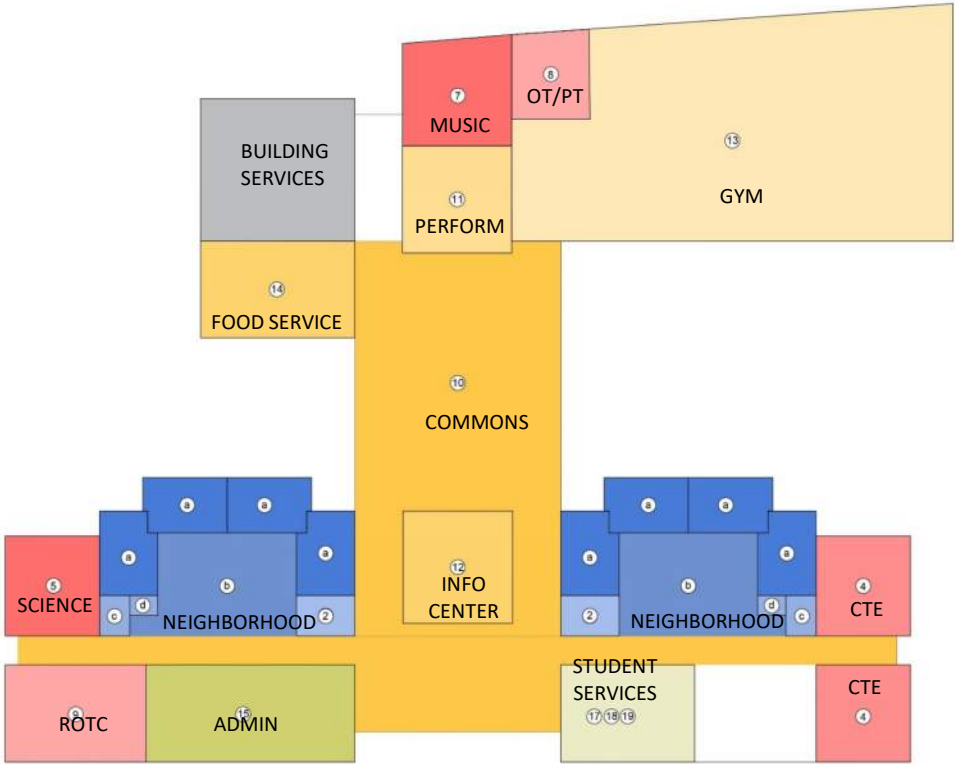


Outcomes

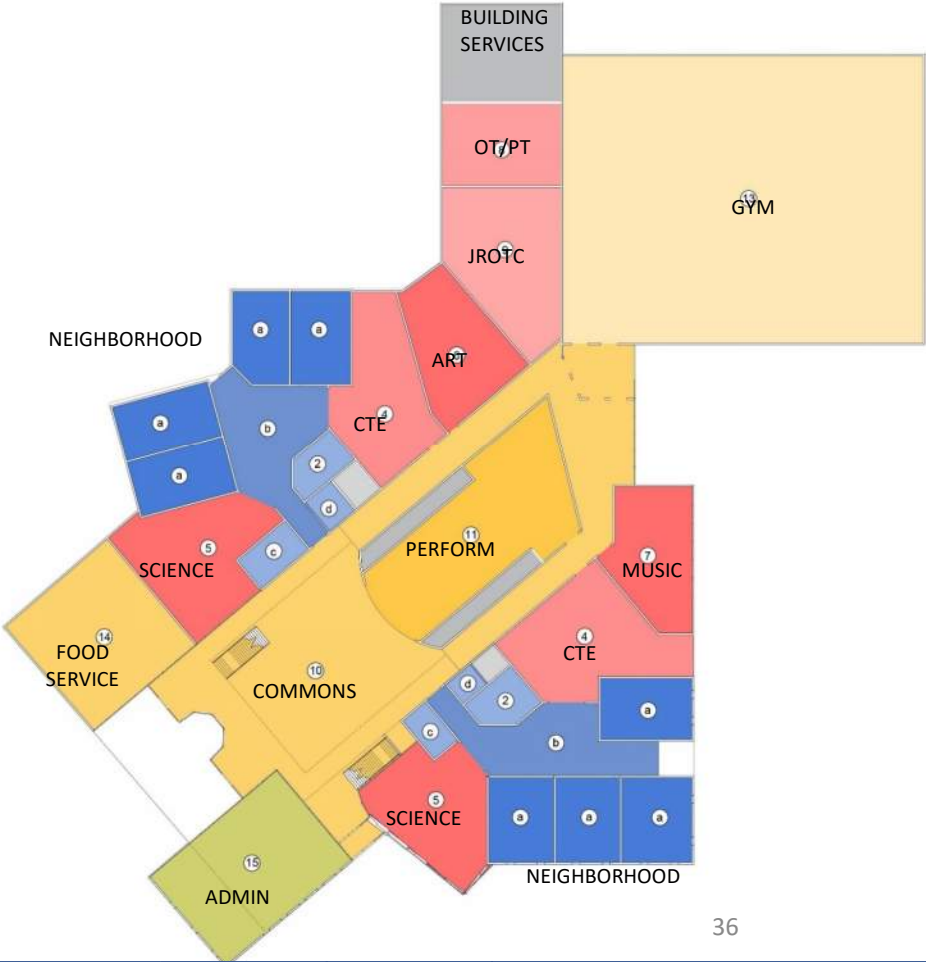
- Identify trends within and across schools using frameworks for
  - > reduction
  - > collaboration
  - > professional learning
- Create goals and plan for SY 2017/18

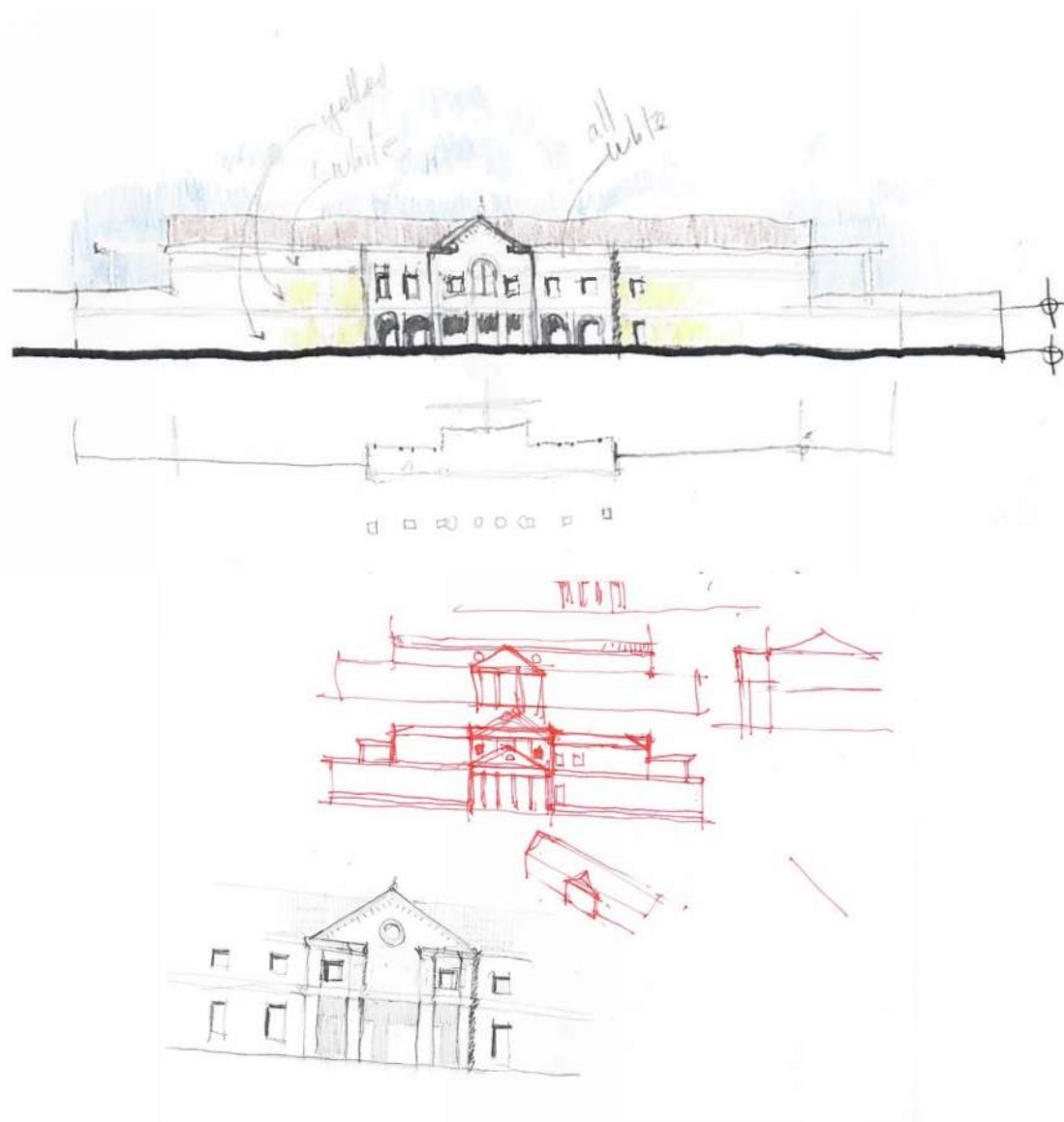
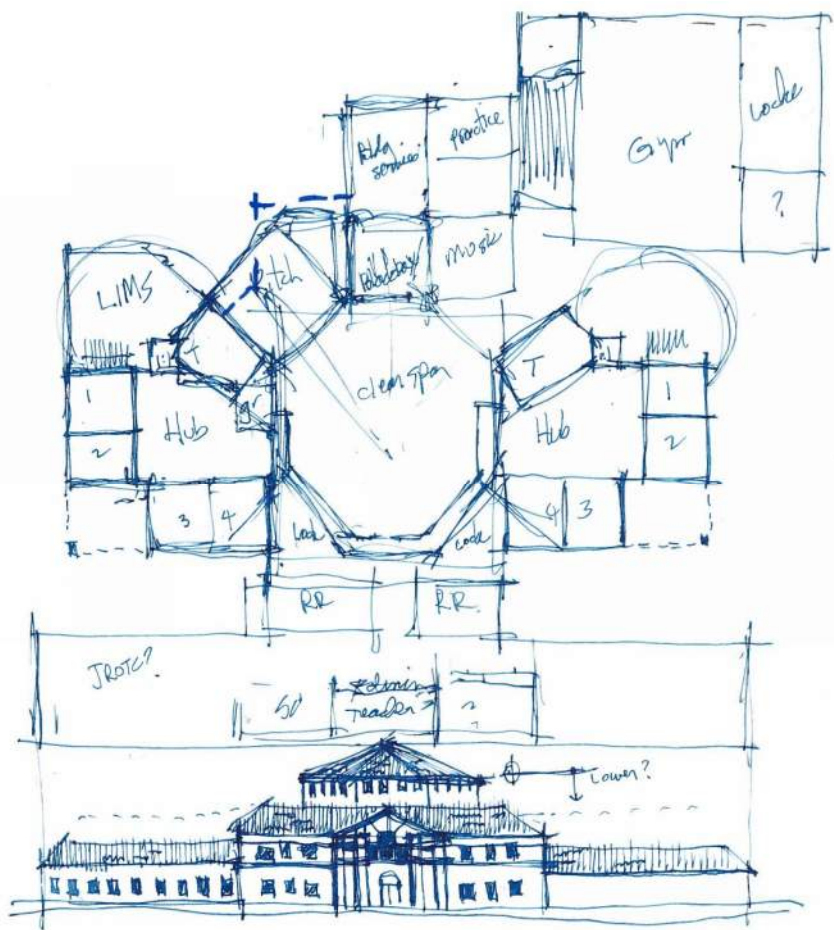


Courtyard



STEM





**REMEMBER TO:**

**SET THE TONE**

**SET THE SCHEDULE**

**BE FLEXIBLE**

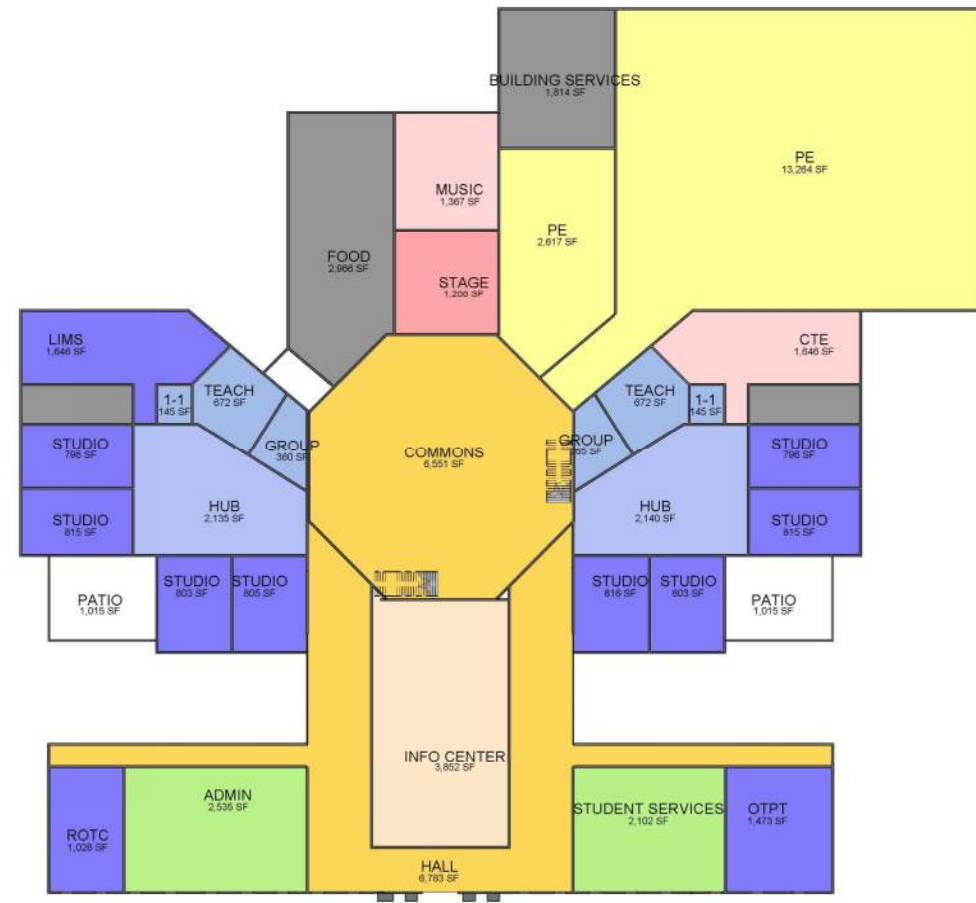
**SUMMERIZE FINDINGS**



## Mid-Brief – Options



OPTION 1



## OPTION 2

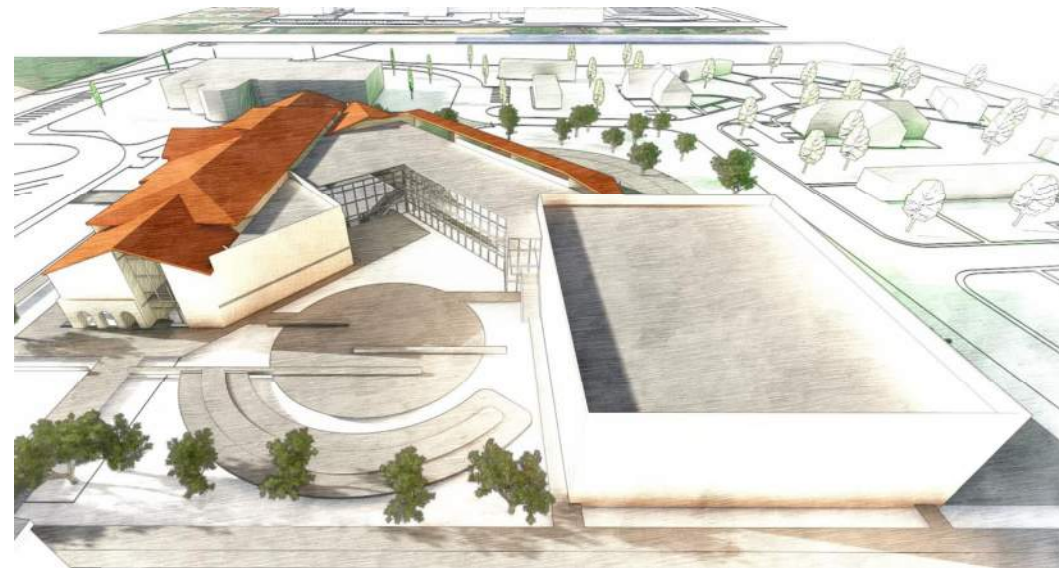




OPTION 1



OPTION 2



OPTION 1

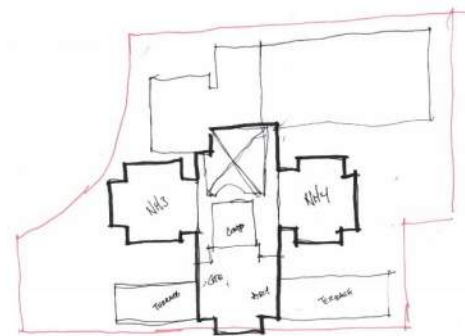
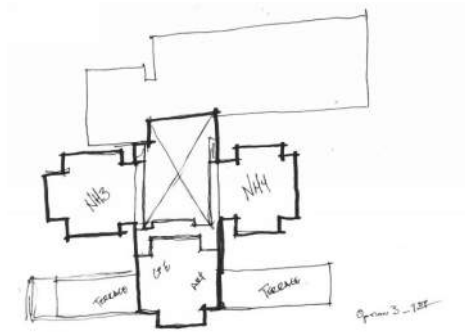
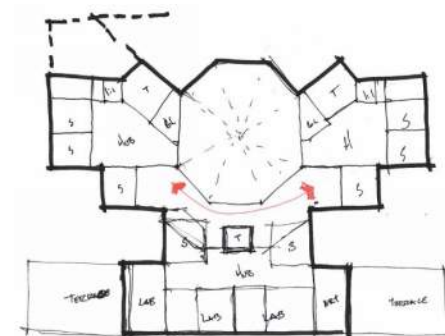
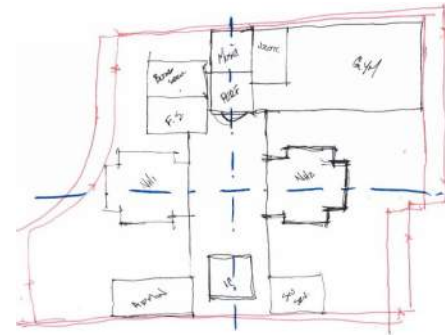
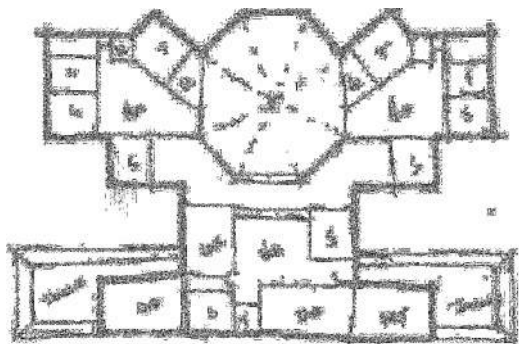
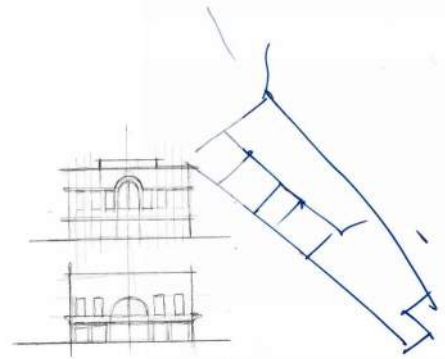
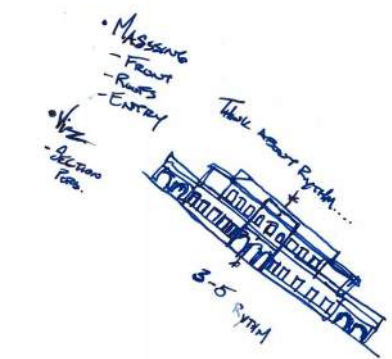
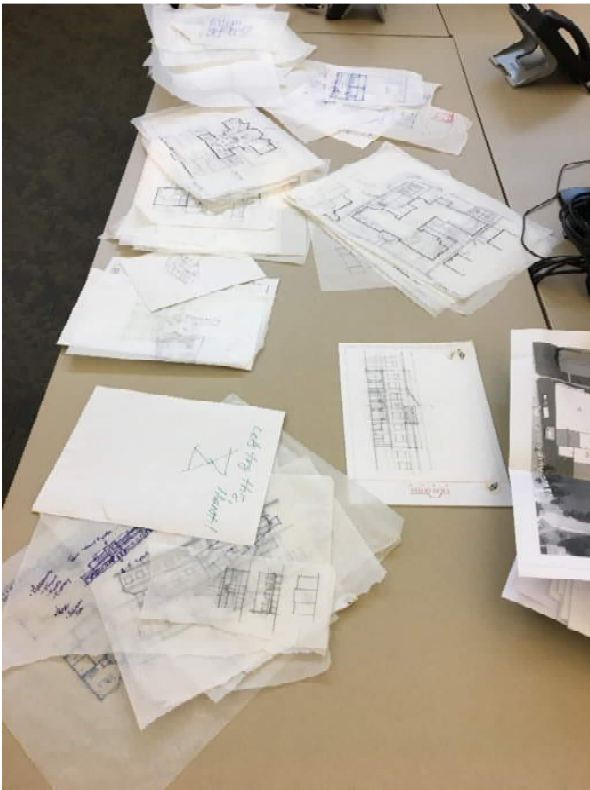


OPTION 2











**REMEMBER TO:**

**SET THE TONE**

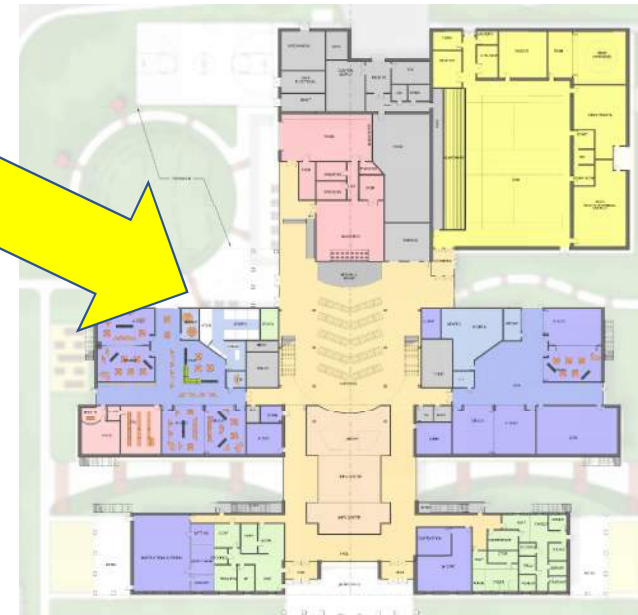
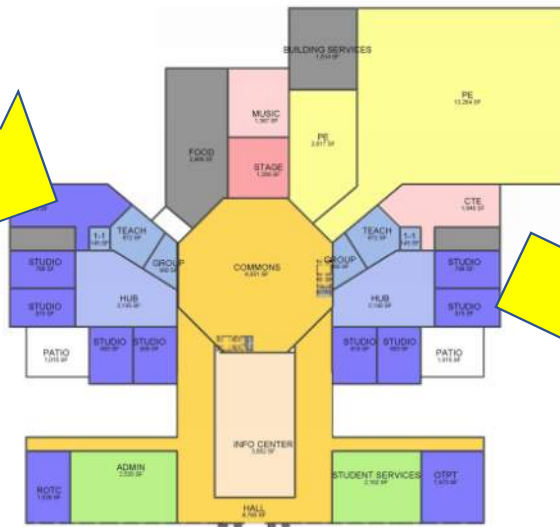
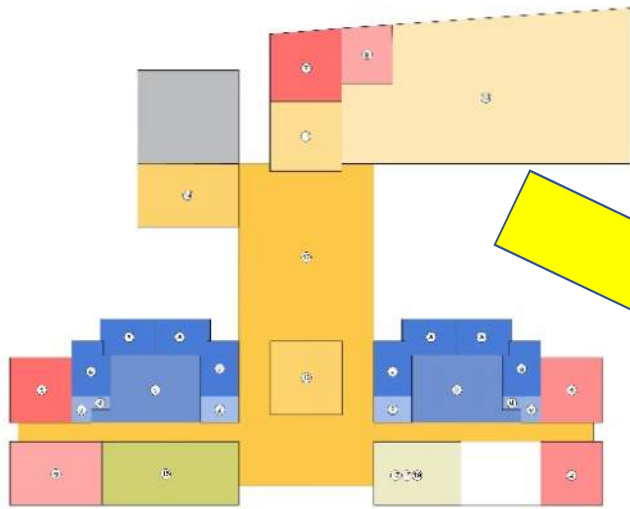
**SET THE SCHEDULE**

**BE FLEXIBLE**

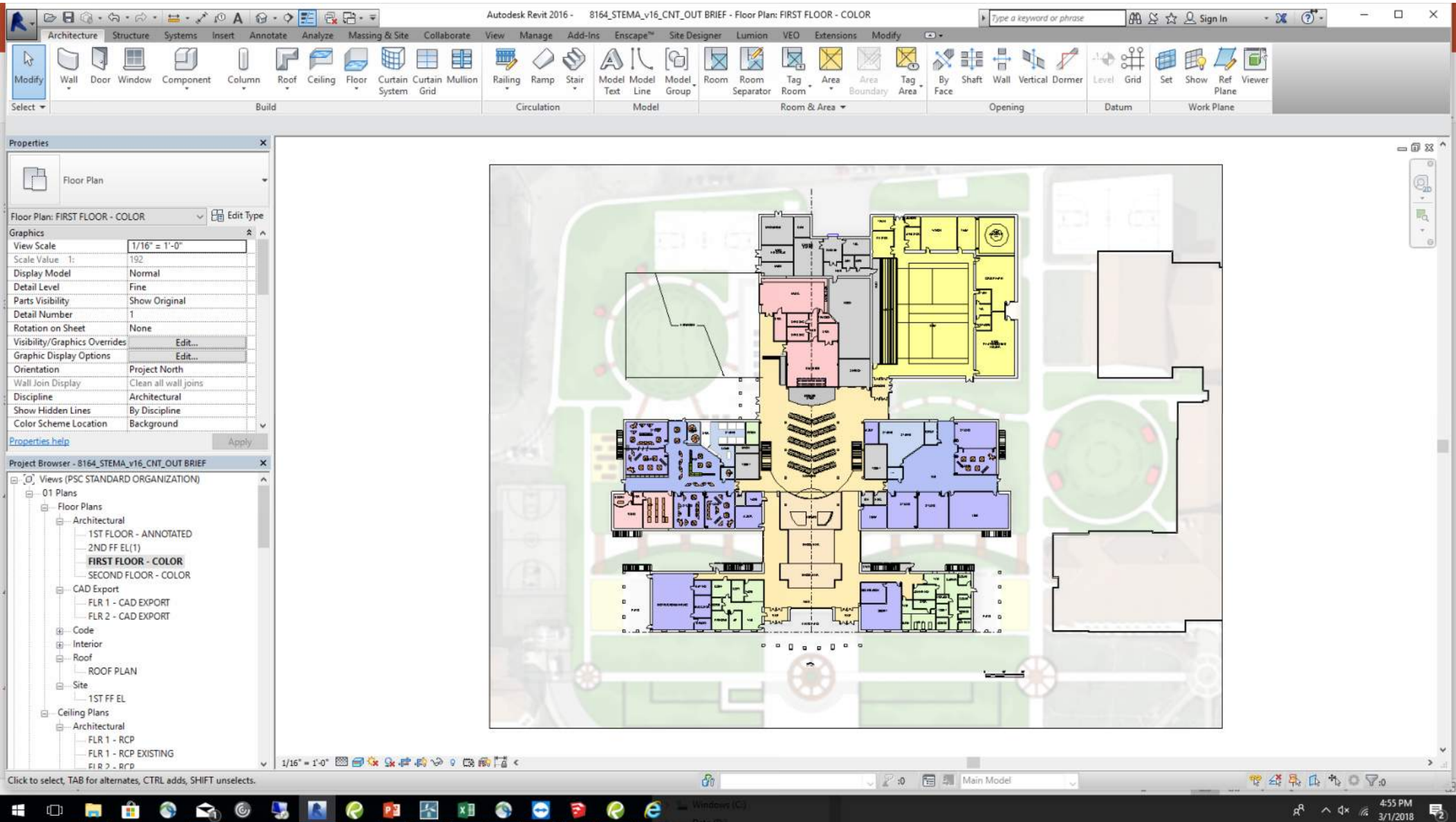
**SUMMERIZE FINDINGS**



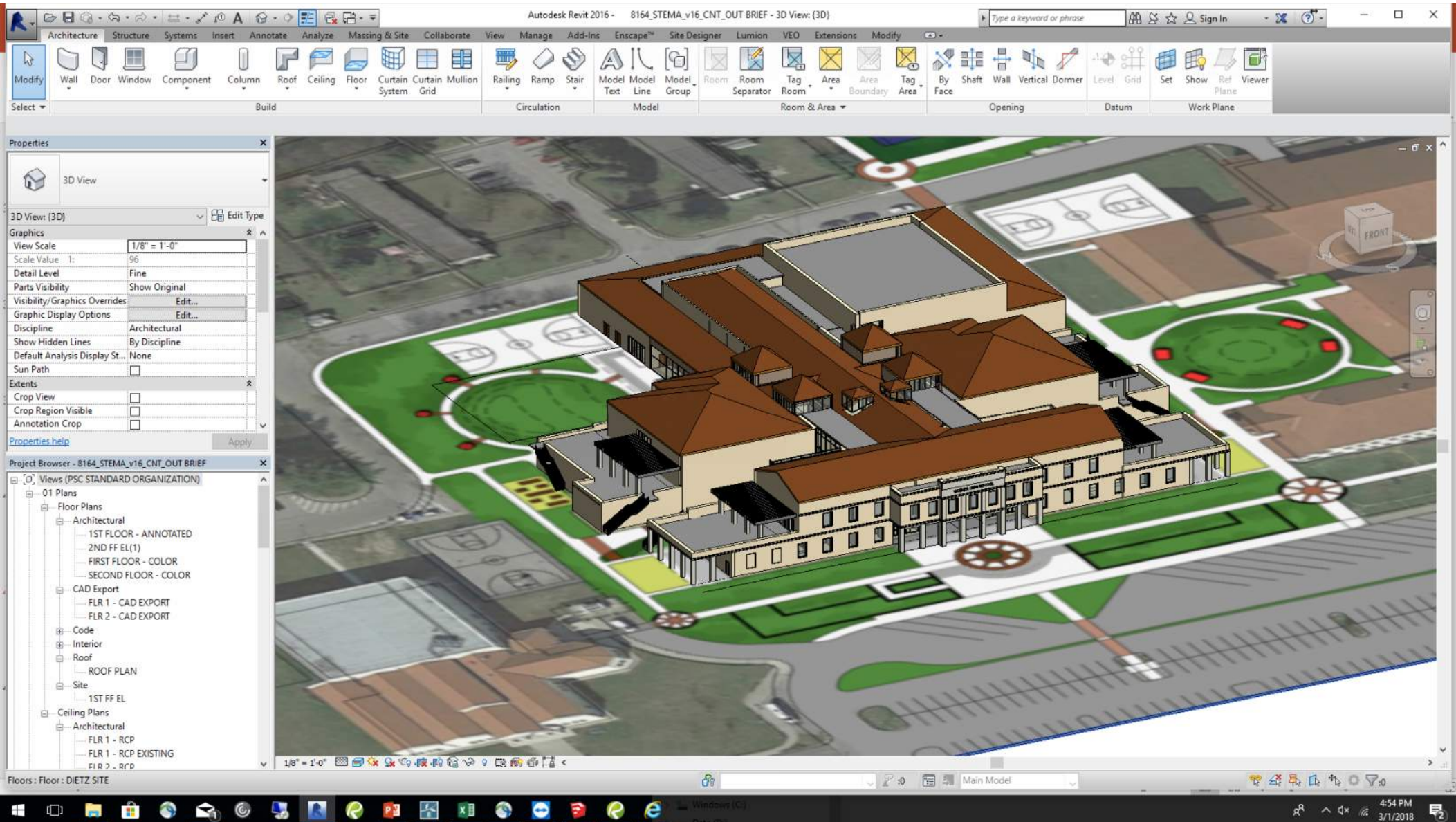
# “COURTYARD” Evolves

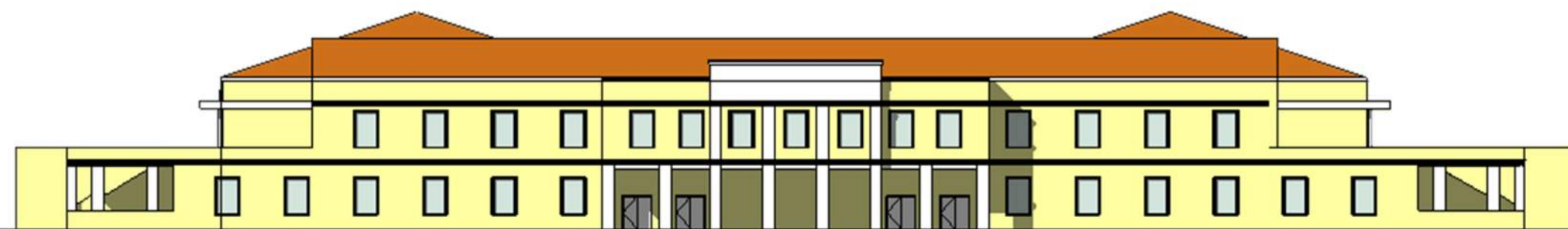




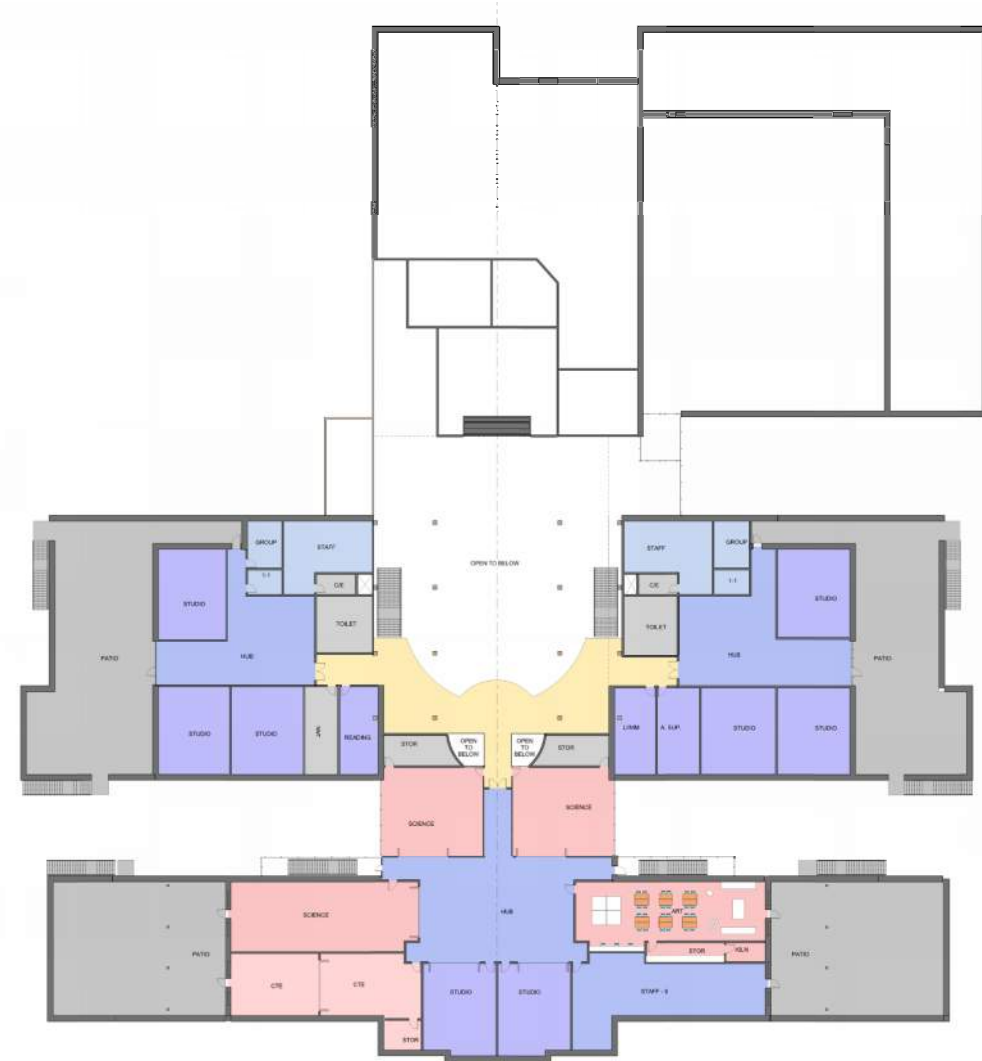








# VICENZA HIGH SCHOOL: PLANS



Pre-Charrette

Wednesday

Thursday

Friday

Saturday

Sunday

Monday

Tuesday

Post-Charrette





Pre-Charrette	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Post-Charrette
---------------	-----------	----------	--------	----------	--------	--------	---------	----------------











Pre-Charrette

Wednesday

Thursday

Friday

Saturday

Sunday

Monday

Tuesday

Post-Charrette





Pre-Charrette

Wednesday

Thursday

Friday

Saturday

Sunday

Monday

Tuesday

Post-Charrette





**REMEMBER TO:**

**SET THE TONE**

**SET THE SCHEDULE**

**BE FLEXIBLE**

**SUMMERIZE FINDINGS**

This concludes The American Institute of Architects  
Continuing Education Systems Course

---



***Mike Baker, AIA  
RJ Lopez, AIA, ALEP***







# **STEMA Vicenza**

***The Student Centered Vicenza High School Charrette Process***

***Mike Baker, AIA  
RJ Lopez, AIA, ALEP***

**PSC**