Facilities, Planning and Construction
January 22, 2018

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Construction

Construction Projects

– Adams Middle School

– Lizzie Curtis Elementary School

– Hughes Elementary Addition

– Beck Elementary Addition

Planning Projects

- Prairie View and Hatfield Partial Roofing/ HVAC

- Ag Barn Addition & Renovations

- Natatorium

- Byron Nelson Addition

- New Elementary Prototype

Athletic Improvements

High School Fields

NHS

– (2) Practice Fields **Complete**

– IAC **Complete**

– Sub-Varsity (resurfacing track) **Complete**

– Baseball/Softball Fields **Complete**

BNHS

– (2) Practice Fields **Complete**

– IAC **Complete**

– Sub-Varsity Fields (turf and resurfacing track) **Complete**

– Baseball/Softball Fields **Complete**

Middle School Fields

Pike and Tidwell

– Resurface Track **Complete**
– Turf Practice **Complete**

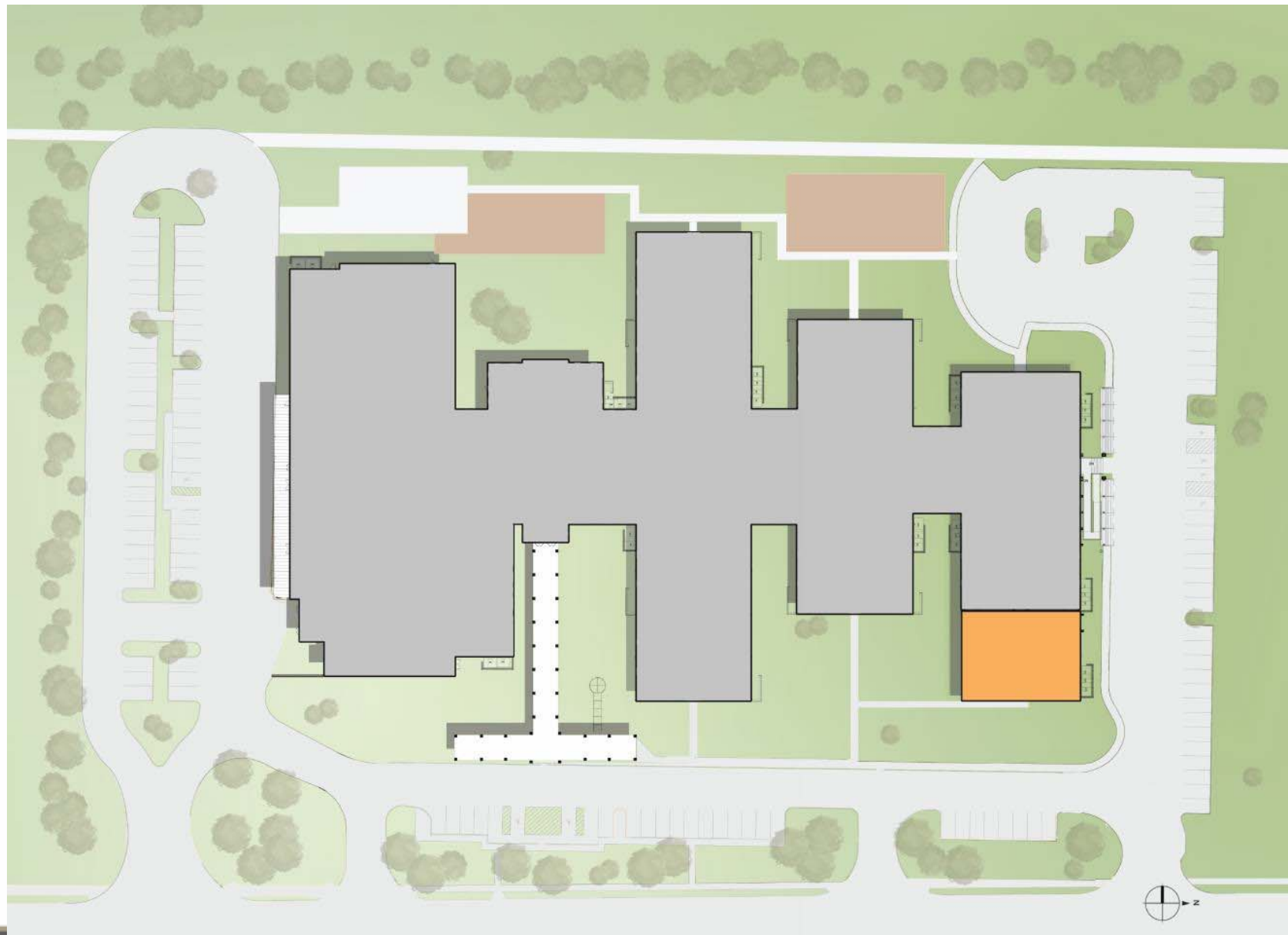### Chisholm Trail and Medlin

– New Track **Complete**
– New Turf Field **Complete**
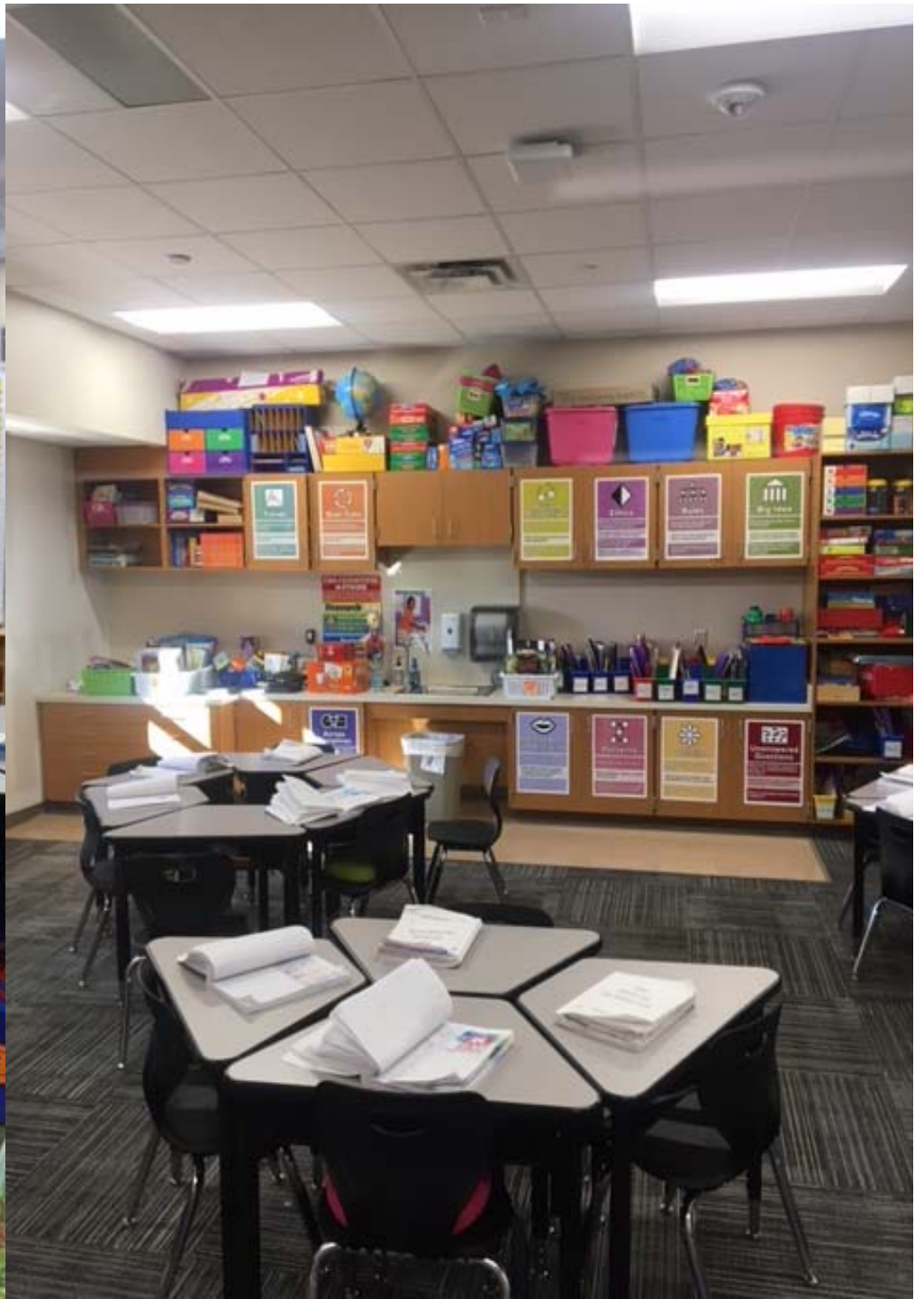
Every Student Future Ready

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Lizzie Curtis Elementary School

Beck 2017 Addition

Hughes 2018 Addition

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Stantec

Planning Projects

- Prairie View and Beck Partial Roofing/ HVAC

  - Starting Construction Documents

- Ag Barn Addition & Renovations

  - Starting Construction Documents

- Natatorium

  - Conducted Site Visits & Beginning Programing

- Byron Nelson Addition

- New Elementary Prototype

Byron Nelson High School

STUDENT & STAFF DESIGN WORKSHOP

PERKINS+WILL

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STUDENT & STAFF DESIGN WORKSHOP

SITE ANALYSIS

Geothermal Well Field Diagrammatic Layout:

- geothermal wells serving existing buildings may be disturbed by new additions.

- new roof top units to be provided to serve areas that lose geothermal service.

Geo-thermal Well Diagrammatic Layout

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PROGRAM TEST FIT

SCIENCE LABS

CLASSROOMS

CR CR

BIO-MEDICAL LABS
TO BE CONVERTED BACK
TO CORE SCIENCE LABS:
– BIOLOGY
– CHEMISTRY
– PHYSICS

CR CR

CR

TEACHER WORKROOM
(SCOPE OF WORK BY OWNER)

TEACHER LOUNGE
(SCOPE OF WORK BY OWNER)

CTE CLASSROOMS

CORE CLASSROOMS SUPPLEMENTED
WITH COLLABORATION AREAS

CORE ACADEMICS

COLLABORATION
AREAS

FORENSIC
SCIENCE LABS

COLLABORATION
AREAS

BIO-MEDICAL
SCIENCE LABS

CORE ACADEMIC SPACES
SHARED ACADEMIC SPACES
ADMINISTRATIVE SPACES
SHARED ATHLETIC SPACES
COMMUNITY SPACES
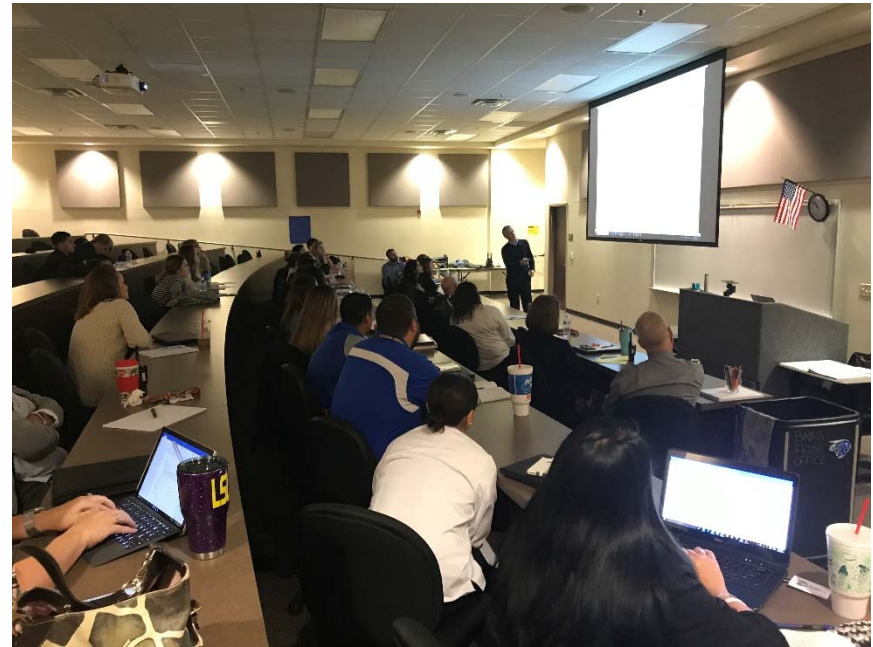SERVICE SPACES

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LARGE GROUP ACTIVITY

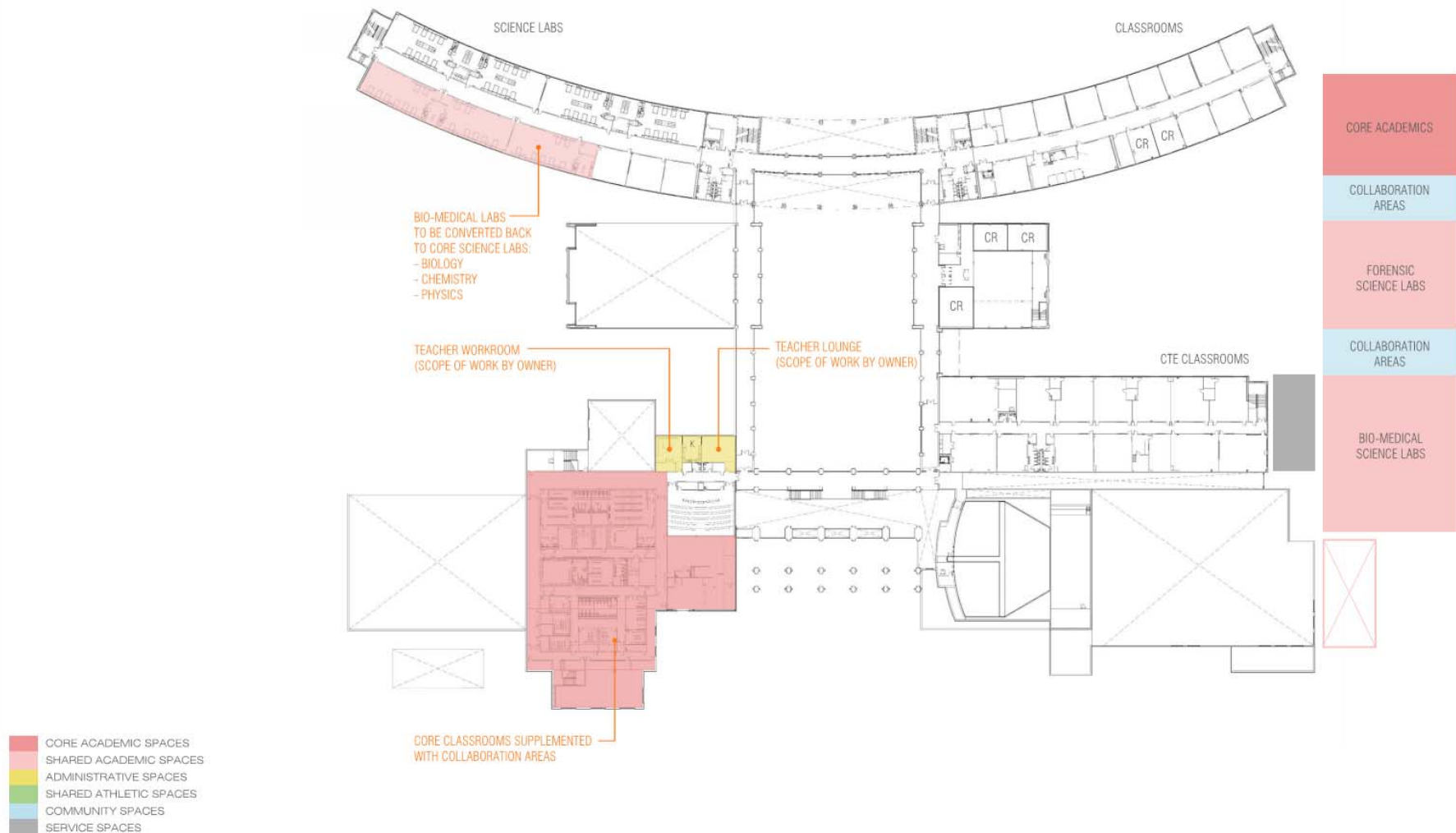# LARGE GROUP ACTIVITY

heart of the campus:

♡ where do you think the existing heart of campus is?
if you are showing a guest the campus, what is a must see?

nodes:

● where do student typical hangout and socialize with friends
before school, after school and in between class?

● where to student typically study and/or collaborate with fellow
peers on individual or groups assignments | projects?

● where do student typically eat on campus?

entry / exit points:

● Where do student arrive? Where do students enter the
campus?

daily paths:

ex. car to classroom, classroom to cafeteria, classroom to
athletics, athletics to car.

▬▬▬▬ primary path

■ ■ ■ ■ ■ ■ secondary path

byron nelson high school | schematic design – student workshop
january 10 2016

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LARGE GROUP ACTIVITY

LARGE GROUP ACTIVITY

divide into 2 smaller teams

each group has planning blocks for the program pieces shown at the bottom of your team board.
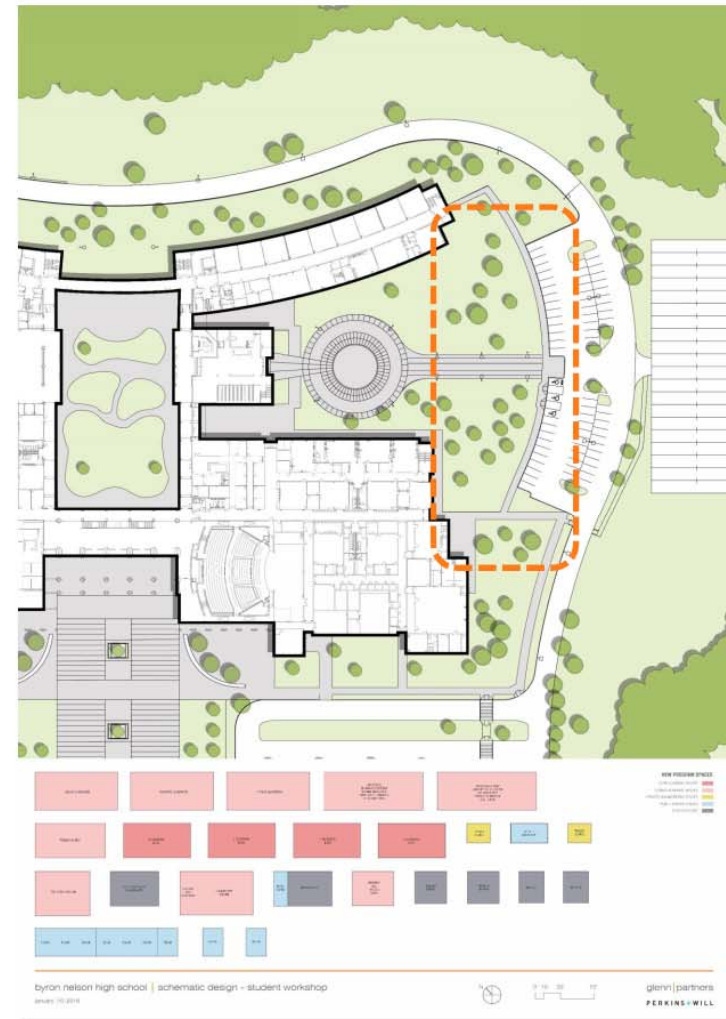
each block represents a 1 story 15' volume

the predominant buildable area is outlined with the orange dashed line. It is possible that some program pieces could be located outside of this boundary.

work as a team to locate | stack the large program pieces placing them where you feel they should be located.

consider program adjacencies: which program pieces should be located near other program pieces.

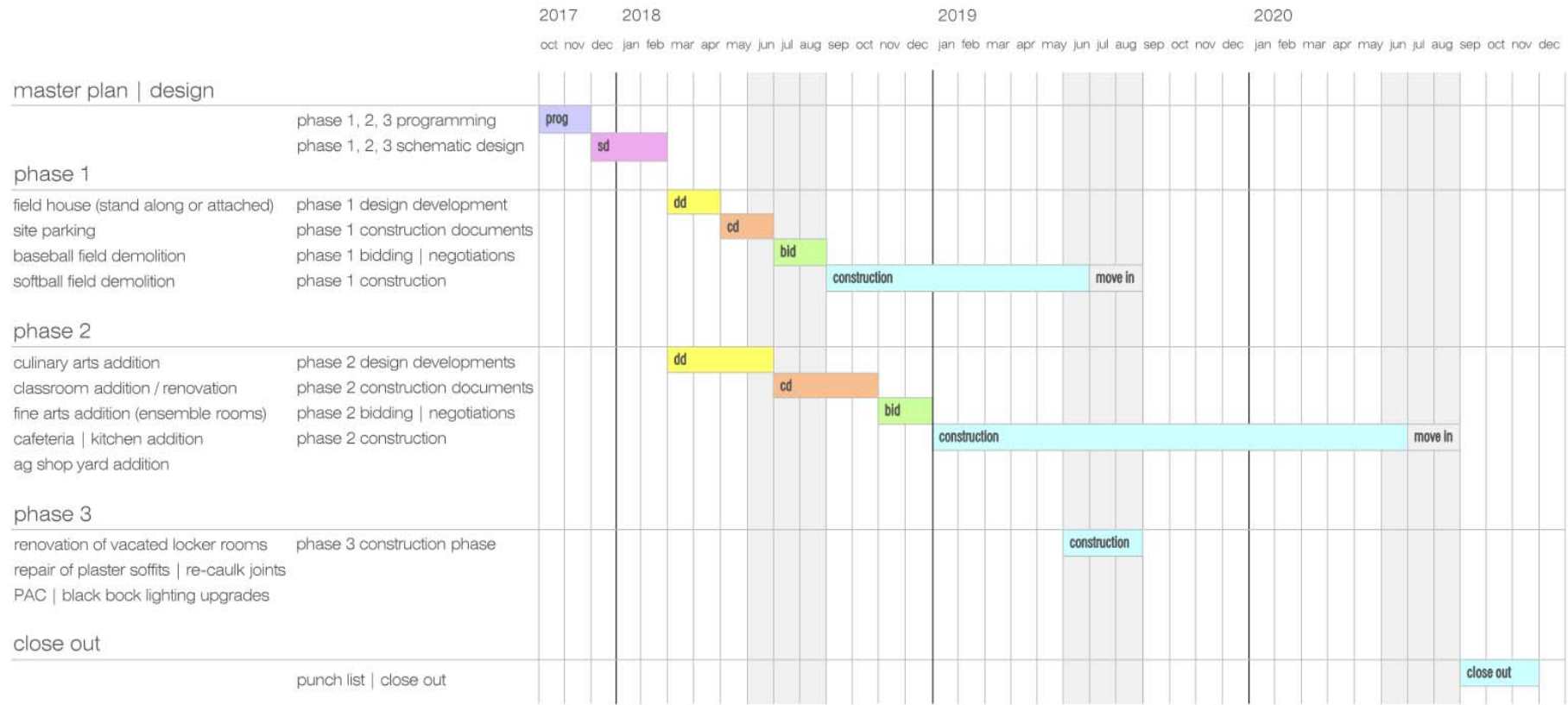consider which floor level: level 01? level 02? level 03?

helpful hint: It is sometimes beneficial to start by placing the large pieces first and to then fill in with the smaller pieces.
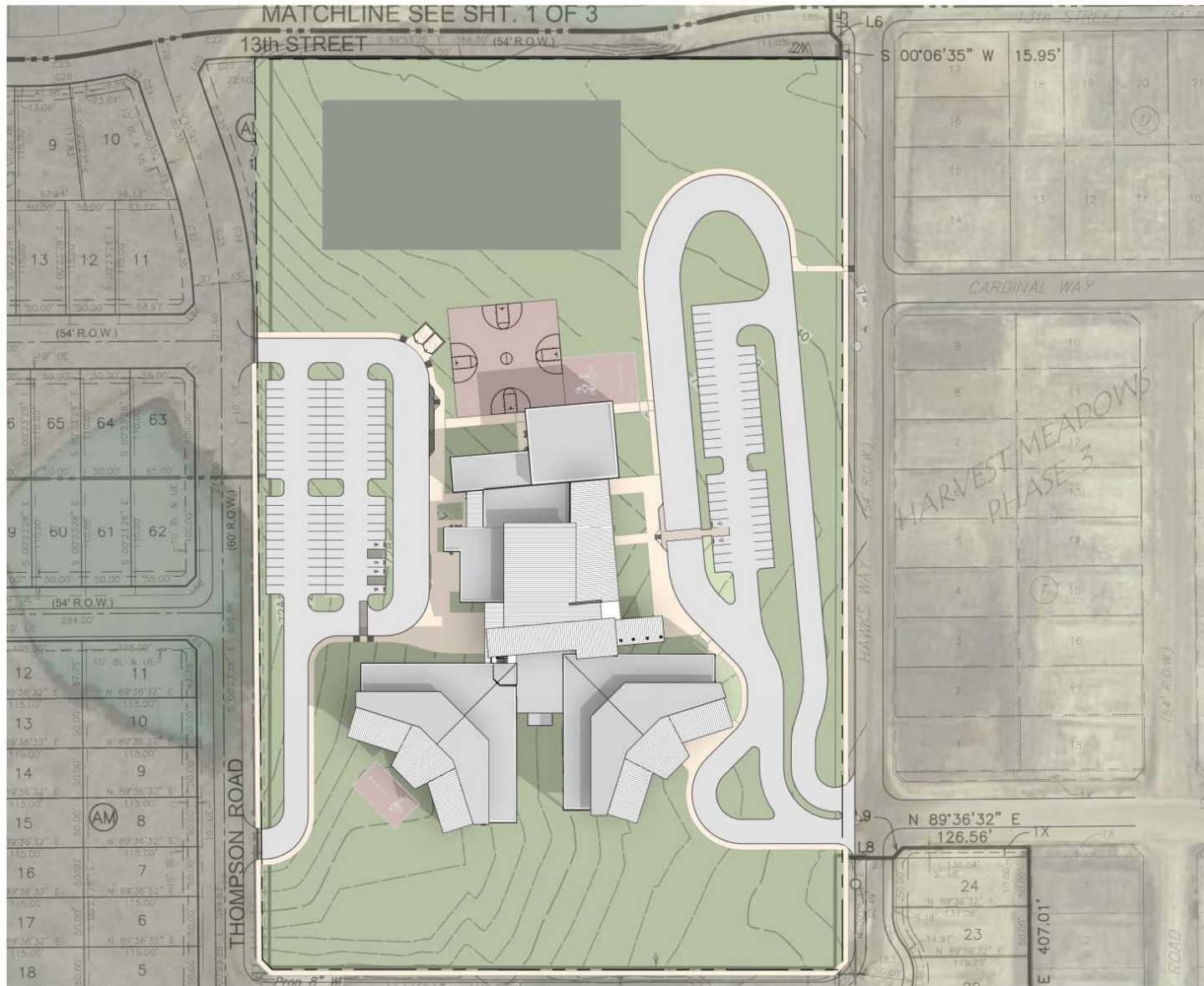
LARGE GROUP ACTIVITY

NEXT STEPS

		2017	2018		2019		2020	
		oct nov dec	jan feb mar apr may jun jul aug sep	oct nov dec	jan feb mar apr may jun jul aug sep	oct nov dec	jan feb mar apr may jun jul aug sep	oct nov dec

master plan | design

	phase 1, 2, 3 programming	prog
	phase 1, 2, 3 schematic design	sd

phase 1

field house (stand along or attached)	phase 1 design development	dd
site parking	phase 1 construction documents	cd
baseball field demolition	phase 1 bidding	negotiations	bid
softball field demolition	phase 1 construction	construction ... move in

phase 2

culinary arts addition	phase 2 design developments	dd
classroom addition / renovation	phase 2 construction documents	cd
fine arts addition (ensemble rooms)	phase 2 bidding	negotiations	bid
cafeteria	kitchen addition	phase 2 construction	construction ... move in
ag shop yard addition		

phase 3

renovation of vacated locker rooms	phase 3 construction phase	construction
repair of plaster soffits	re-caulk joints		
PAC	black bock lighting upgrades		

close out

	punch list	close out	close out

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MATCHLINE SEE SHT. 1 OF 3

13th STREET

13TH STREET

CARDINAL WAY

HARVEST MEADOWS PHASE 3

THOMPSON ROAD

HAWKS WAY

COLOR LEGEND

- Pavement/Roads
- Sidewalks
- Grass
- Playing Fields
- Trees
- Detention Ponds
- Retention Ponds
- Track/Infields/Tennis
- Buildings
- Surrounding Property/Context

SITE PLAN

0   100

01

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COLOR LEGEND

- Academic Space
- Academic Support
- Administration
- Administration Support
- Athletic Space
- Athletic Support
- Circulation
- Collaboration/Focus
- Dining
- Dining Support
- Fine Arts
- Fine Arts Support
- Kitchen
- Kitchen Support
- Library
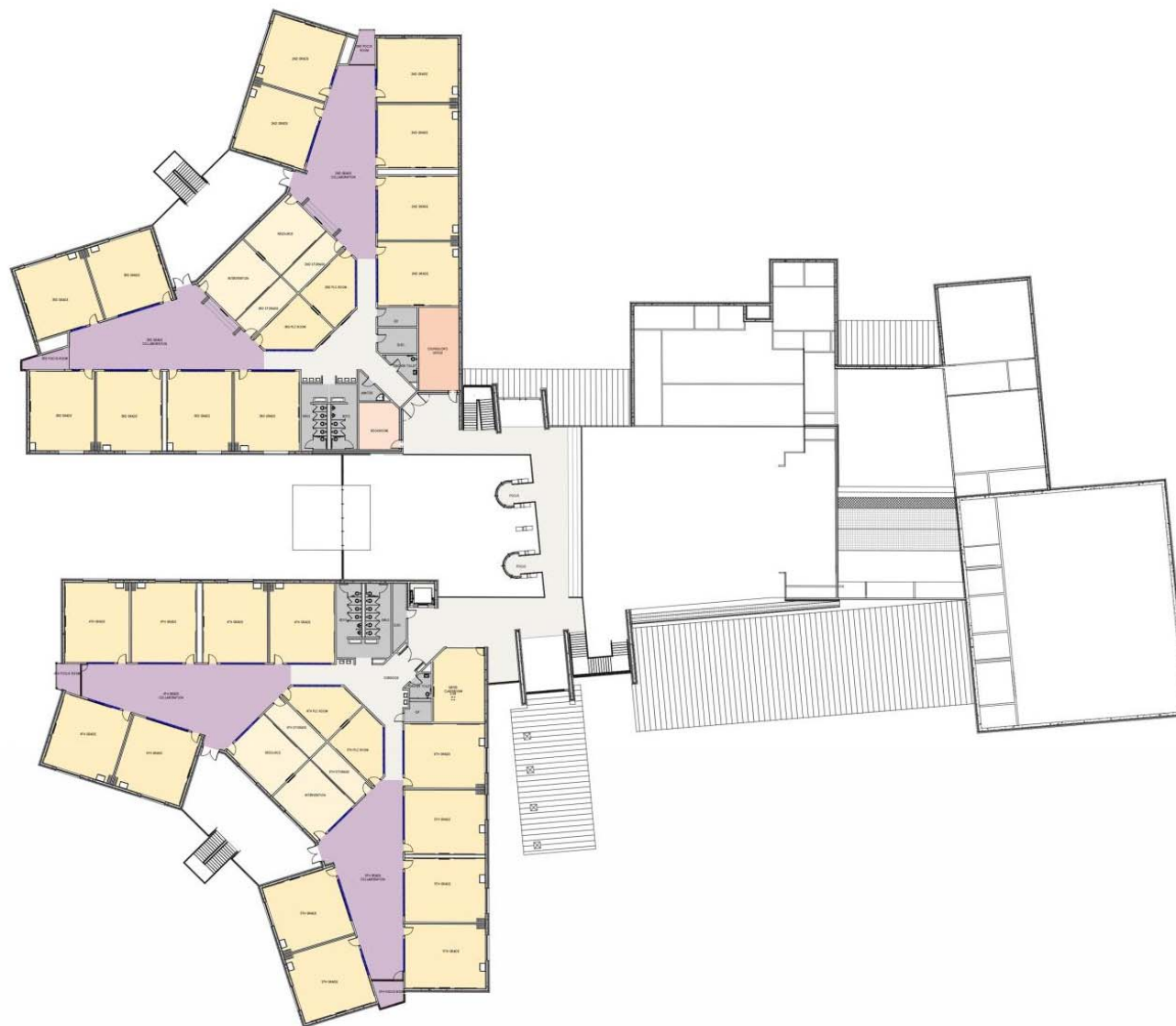- Library Support
- Support Space

FLOOR PLAN

01

0   50

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- Fine Arts Support
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- Kitchen Support
- Library
- Library Support
- Support Space

FLOOR PLAN

0   50

01

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EXTERIOR PERSPECTIVE

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EXTERIOR PERSPECTIVE OF ENTRY

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VIEW FROM TOP OF MAIN STAIR

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VIEW OF GRADE LEVEL COLLABORATION

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Questions