BUILDING COMMITTEE #3
February 11, 2015

RSU #5 FREEPORT HIGH SCHOOL

AGENDA

1. Review Schematic Design Package
2. Review Exterior and Entry Renderings
3. Updated Department Plans
4. Discuss Structural Cost Estimates for Future Expansion
5. Discuss Structural Scope of Work for Re-roofing 1961 Bldg.
6. Next Steps
7. Next meeting date: **March 3, 2015**
8. Targeted School Board Presentation: **March 11, 2015**

REVISED SITE PLAN

PDT ARCHITECTS



FREEPORT HIGH SCHOOL

HOLBROOK STREET
FREEPORT, MAINE

CARROLL ASSOCIATES
Landscape Architects
217 Commercial Street Portland, Maine 04101
207.772.1552 pcarr@carroll-assoc.com

Consultants:

SURVEYOR:
Owen Haskell, Inc.
390 US Route One
Falmouth, ME 04105
207-774-0424

ARCHITECT:
PDT Architects
49 Dartmouth Street #2
Portland, ME 04101
207-775-1059

ENGINEER:
Fay, Spofford & Thorndike
778 Main Street, Suite 8
So. Portland, ME 04106
207-775-1121

No.	Date	Revision

Drawing Set:
SITE PLAN

Drawn: MP
Checked: PC
Approved:

Drawing Title:
CORE
SITE PLAN

Job Number:
File:
Date: 2-11-2015 Scale: 1"= 30'-0"

Drawing Number:
L-1.0

© 2015 CARROLL ASSOCIATES

REVISED SITE PLAN

PDT ARCHITECTS



FREEPORT HIGH SCHOOL

HOLBROOK STREET
FREEPORT, MAINE

CARROLL ASSOCIATES Landscape Architects
217 Commercial Street, Portland, Maine 04101
207-772-1532 pcarroll@carroll-assoc.com

Consultants:

SURVEYOR:
Owen Haskell, Inc.
390 US Route One
Falmouth, ME 04105
207-774-0424

ARCHITECT:
PDT Architects
49 Dartmouth Street #2
Portland, ME 04101
207-775-1059

ENGINEER:
Fay, Spofford & Thorndike
778 Main Street, Suite 8
So. Portland, ME 04106
207-775-1121

No.	Date	Revision

Drawing Set:
SITE PLAN

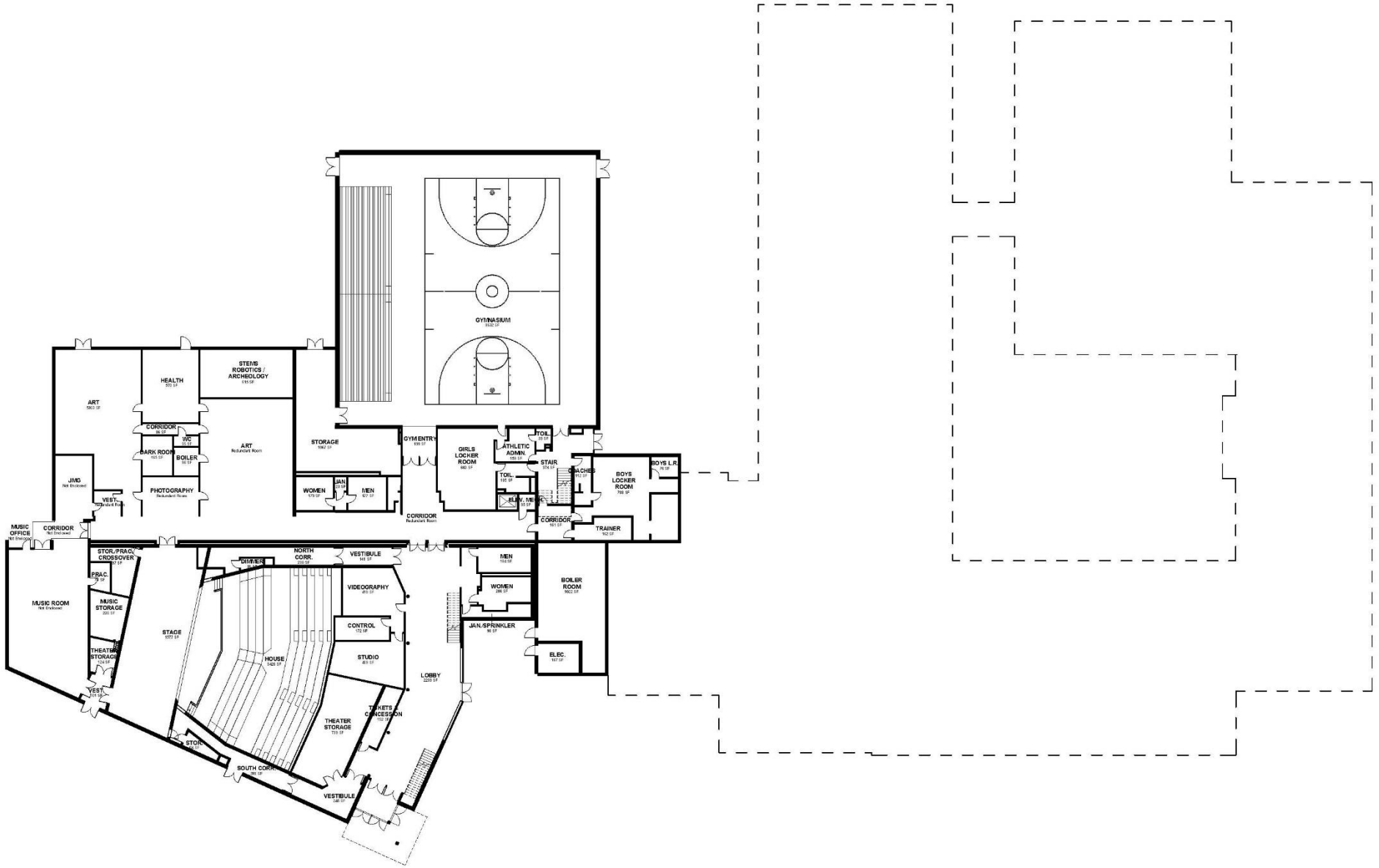
Drawn: MP
Checked: PC
Approved:

Drawing Title:
OVERALL SITE PLAN

Job Number:
File:
Date: 2-11-2015 Scale: 1"= 60'-0"
Drawing Number:
L-1.2

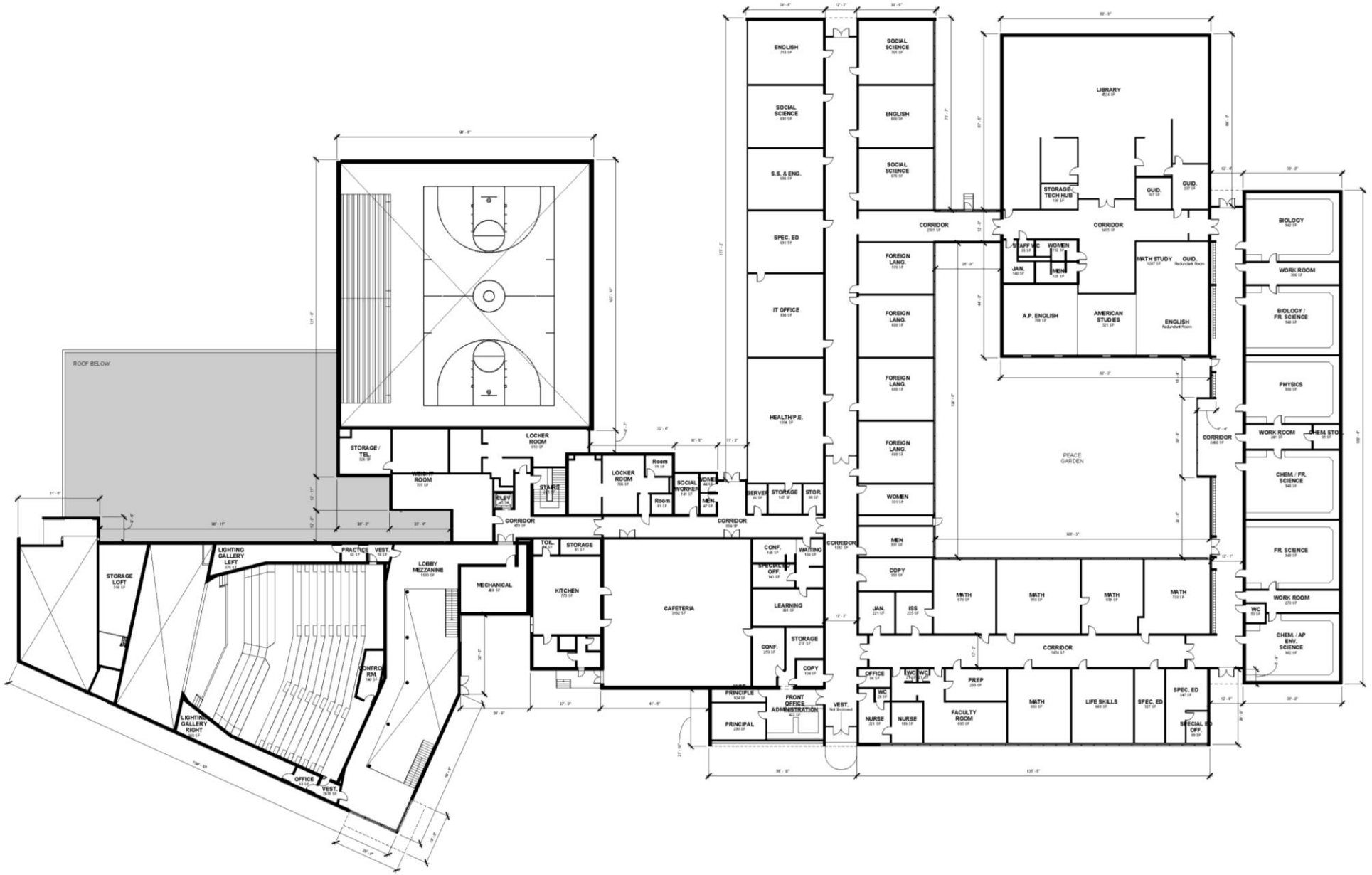
EXISTING
LOWER LEVEL

PDT ARCHITECTS



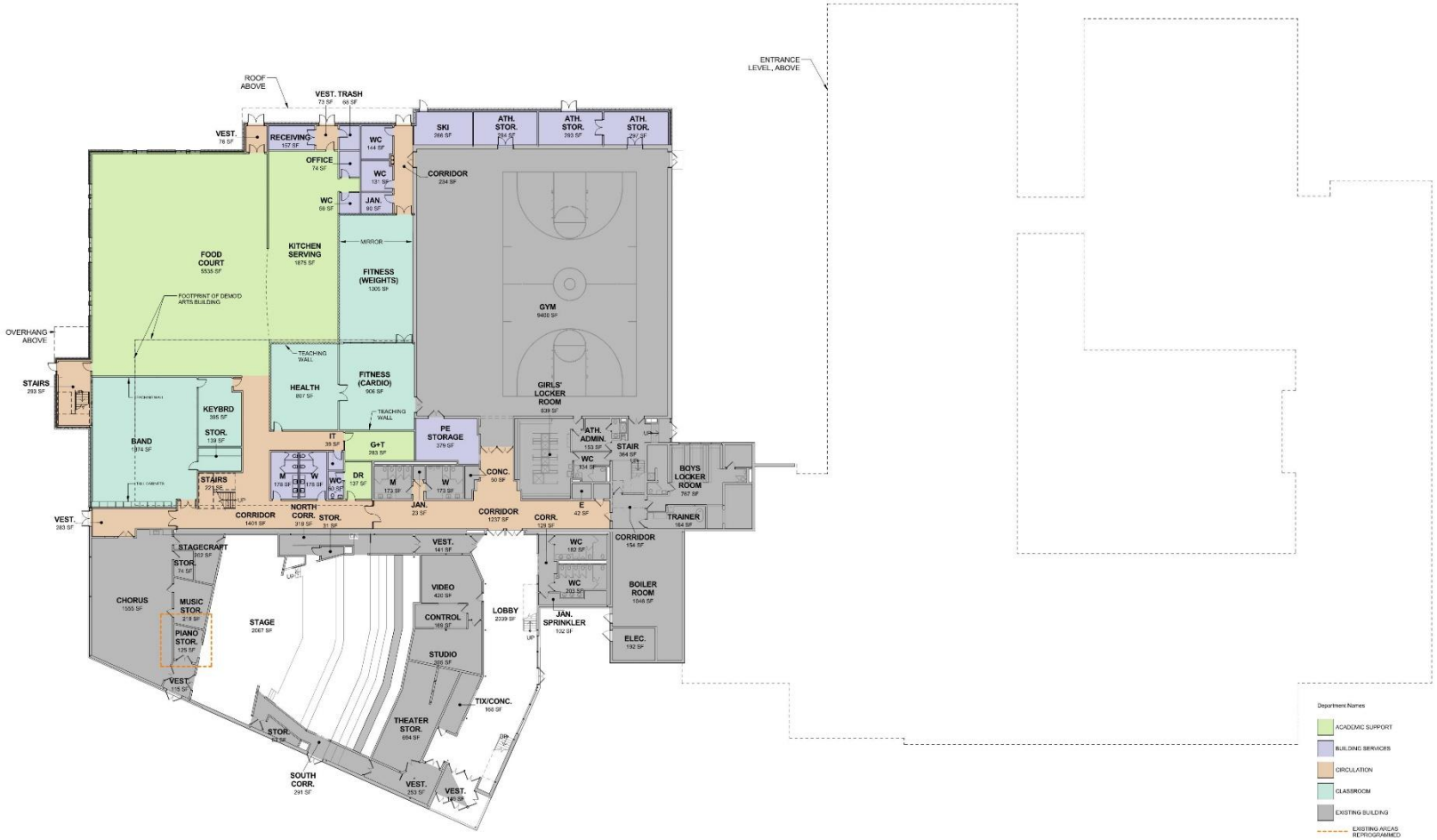
EXISTING
UPPER LEVEL

PDT ARCHITECTS



REVISED
LOWER LEVEL

PDT ARCHITECTS



PDT ARCHITECTS

FREEPORT, ME

Lower Level

02.11.15

REVISED
UPPER LEVEL

PDT ARCHITECTS



PDT ARCHITECTS

FREEPORT, ME

Entrance Level

02.11.15

ENTRY RENDERING

PDT ARCHITECTS



EXTERIOR RENDERING

PDT ARCHITECTS



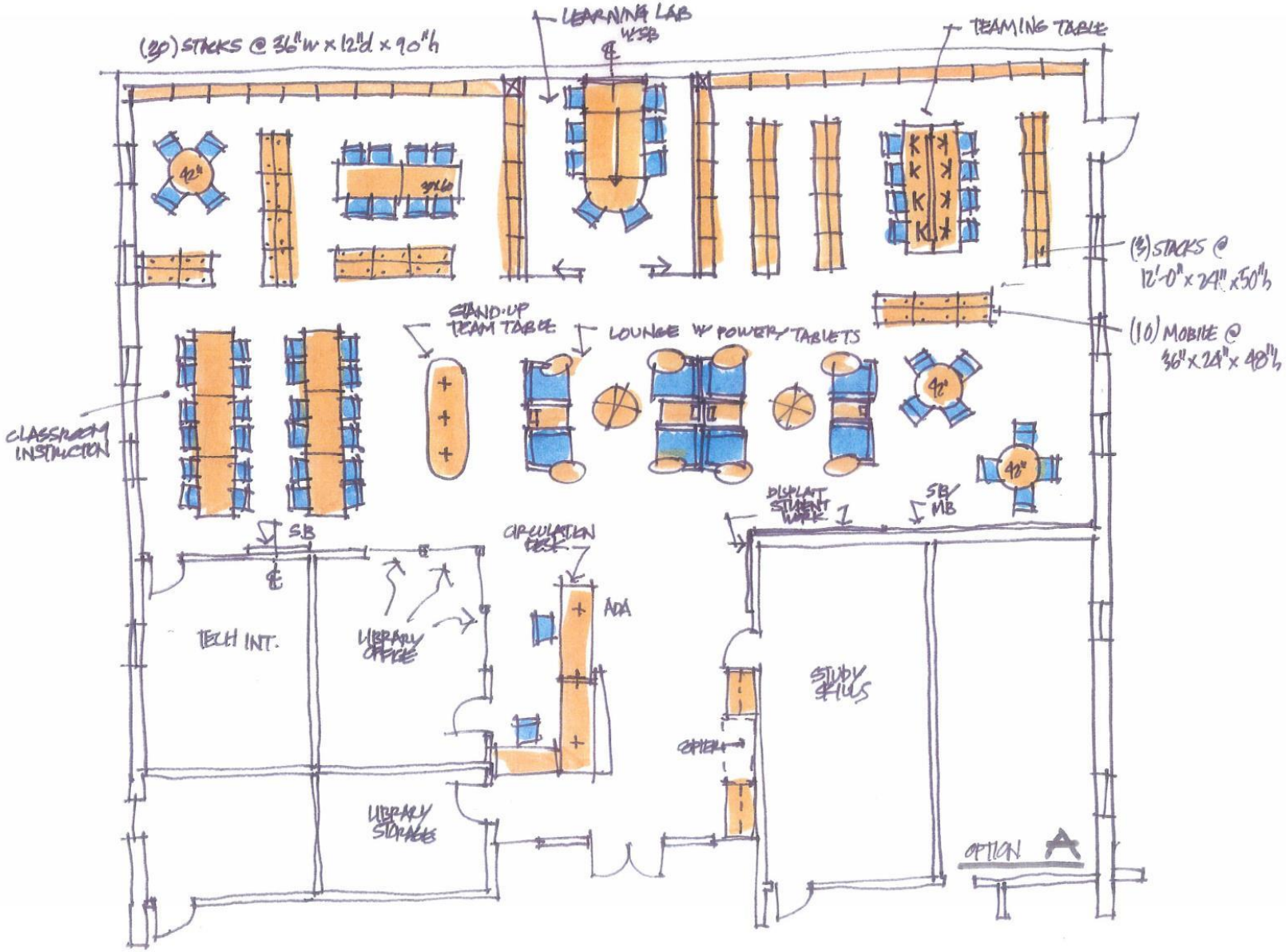
EXTERIOR RENDERING

P D T
ARCHITECTS

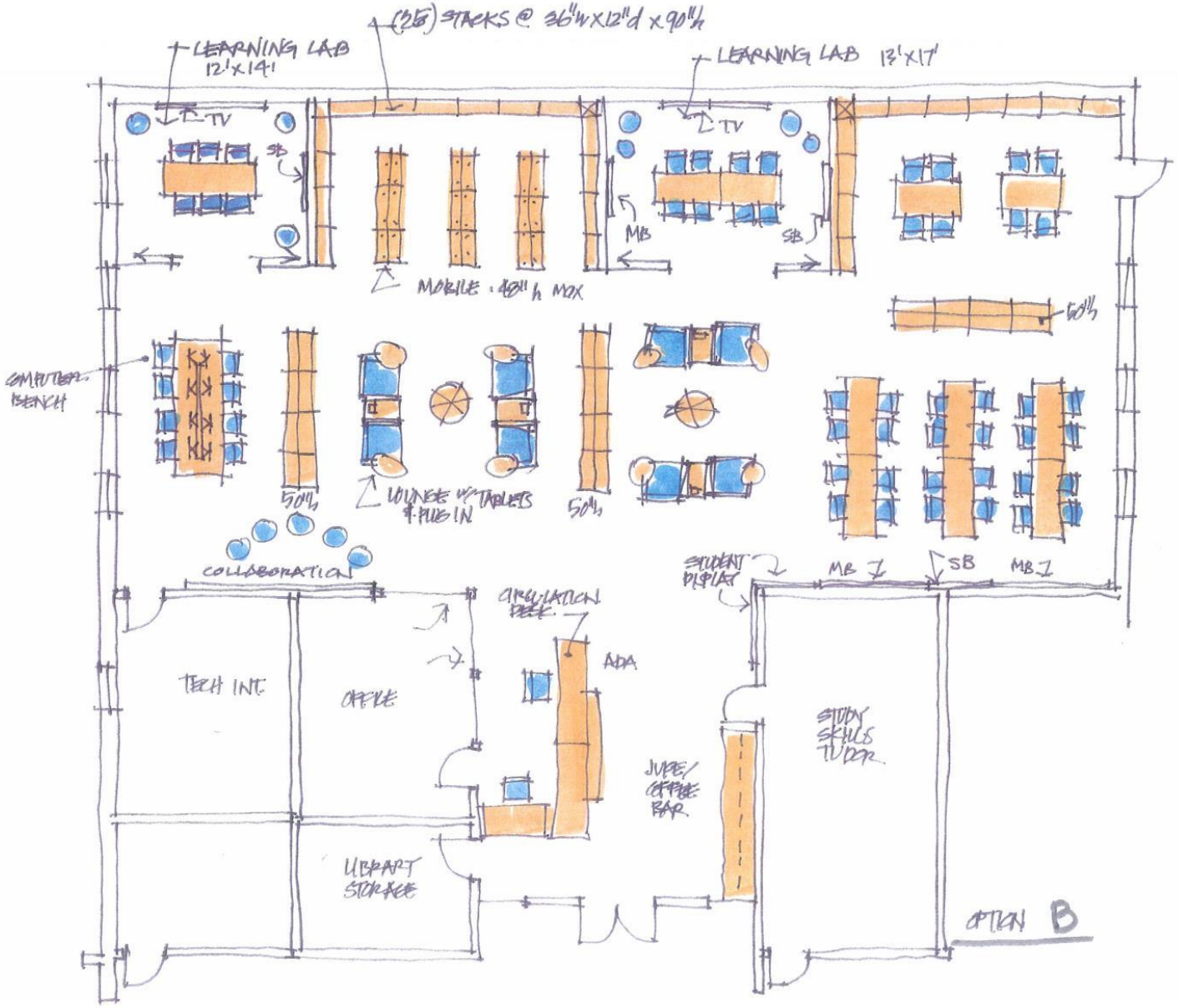


Library

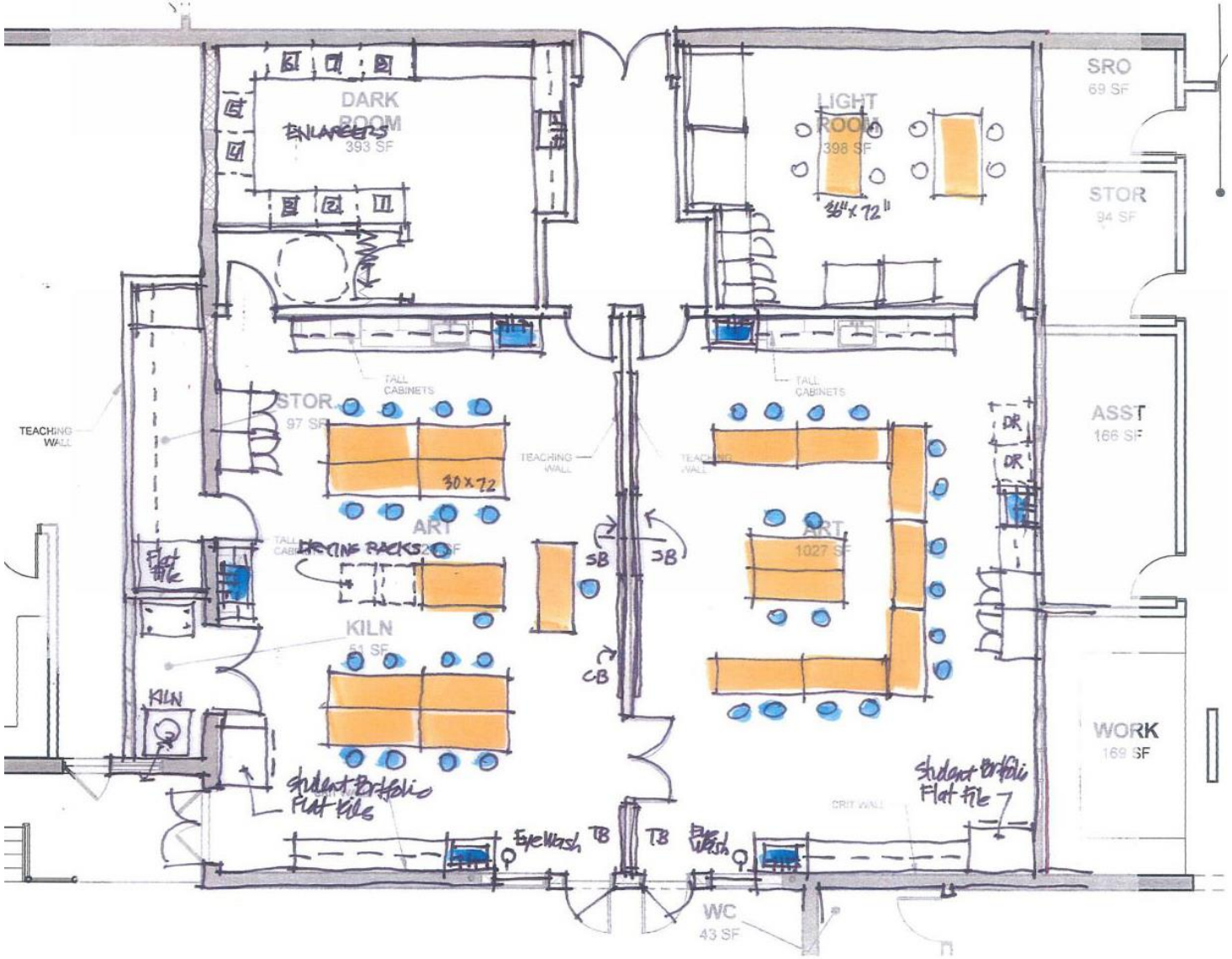
PDT ARCHITECTS

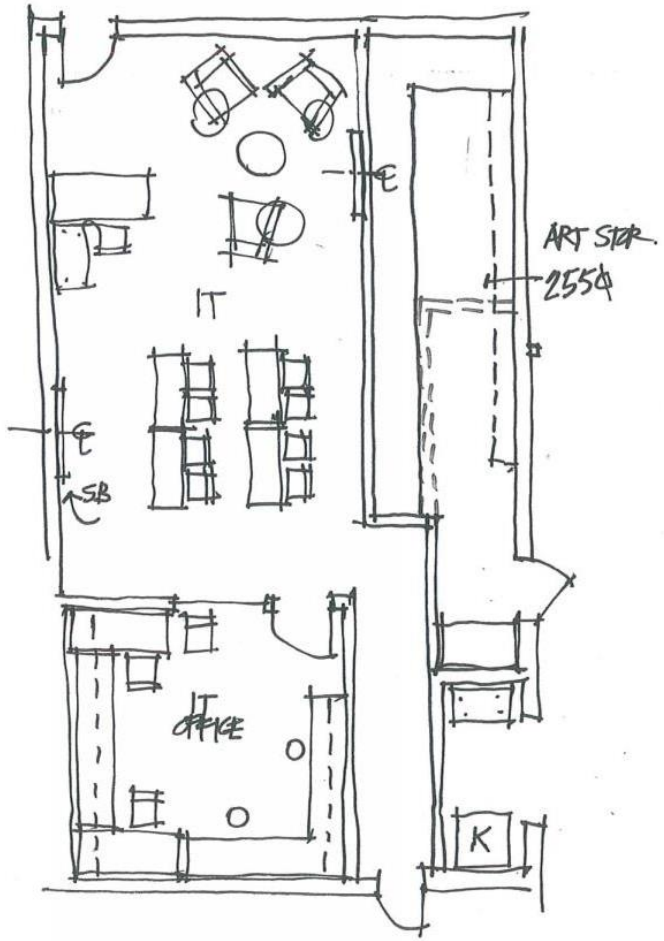


Library


(25) STACKS @ 36"W X 12"d X 90"h
LEARNING LAB 12'X14'
LEARNING LAB 13'X17'
TV
TV
SB
SB
MB
MOBILE - 48"h MAX
60"h
COMPUTER BENCH
50"h
50"h
LOUNGE W/ PLUG IN TABLES
COLLABORATION
CIRCULATION DESK
ADA
STUDENT DISPLAY
MB
SB
MB
TECH INT.
OFFICE
LIBRARY STORAGE
JUICE/ COFFEE BAR
STUDY SKILLS TUTOR
OPTION B

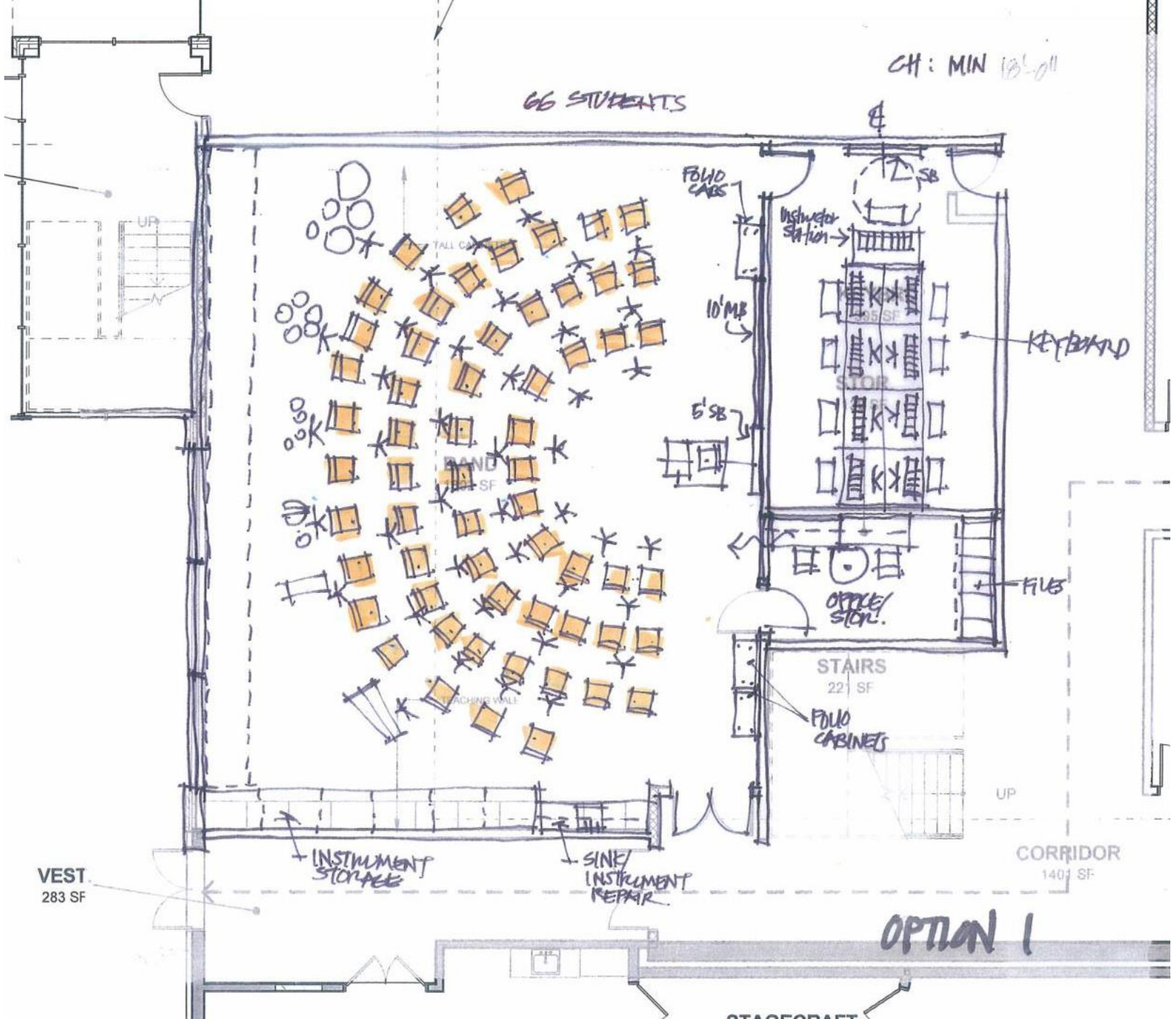
Art



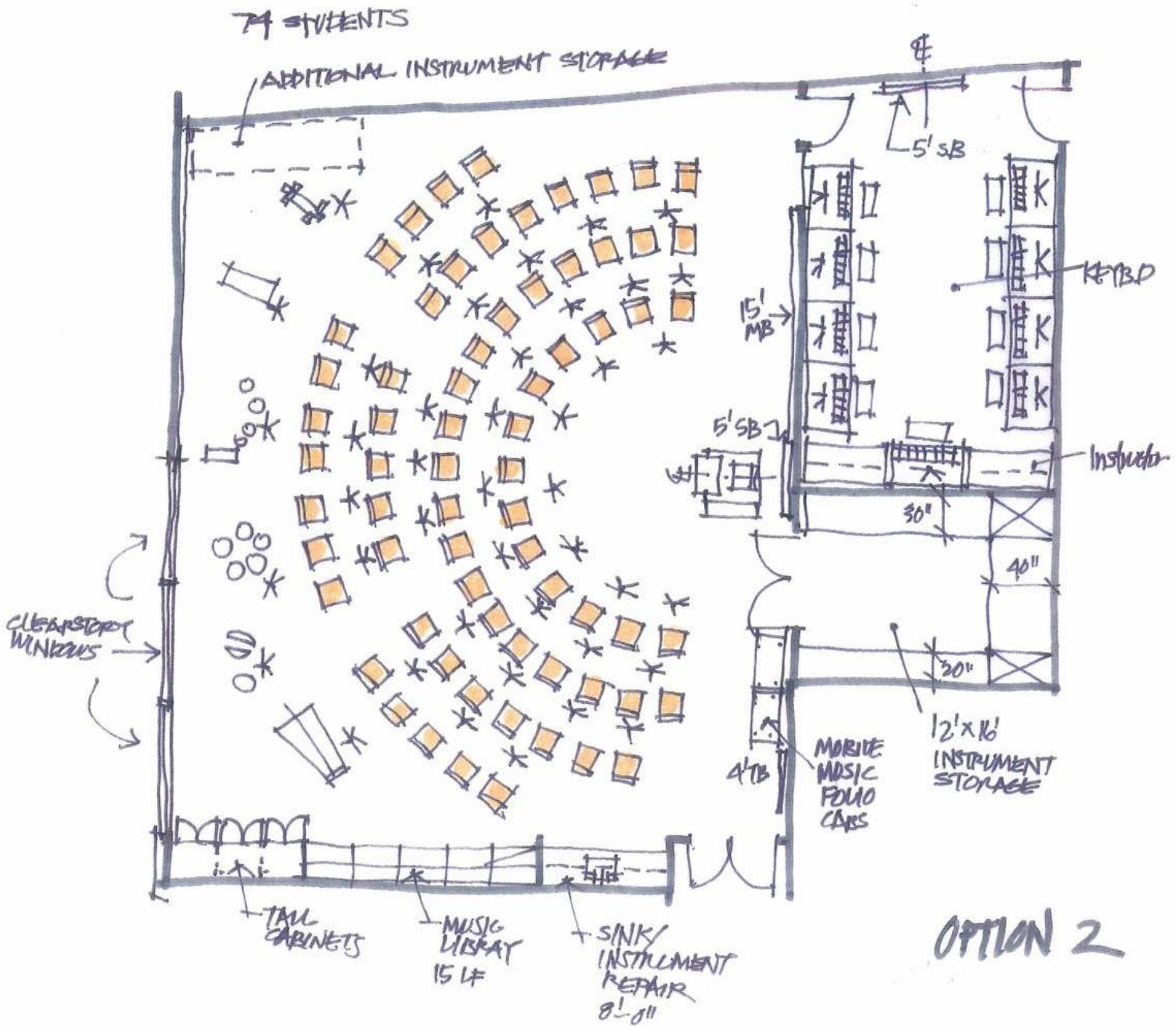


ART OPTION 2

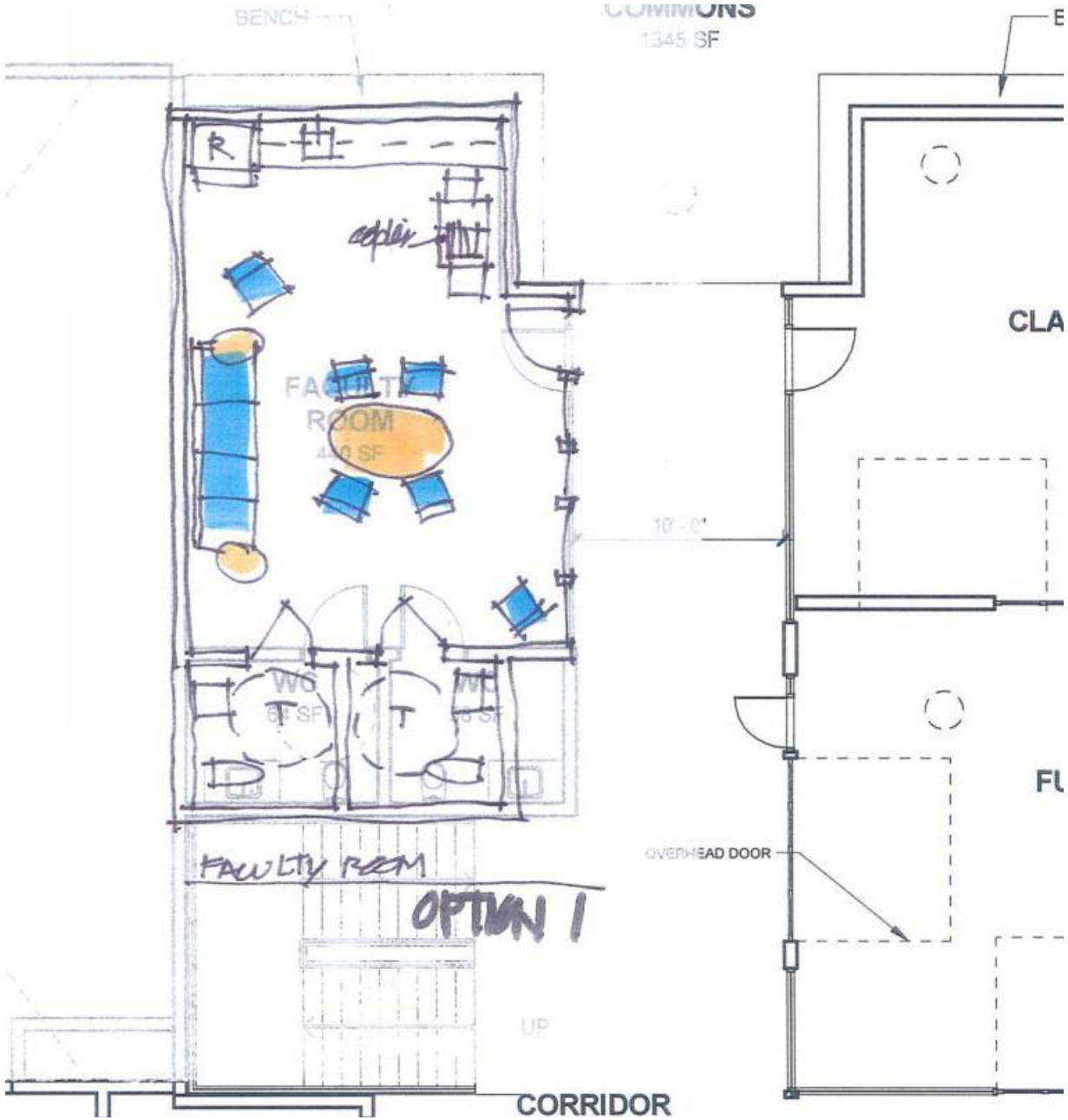
Band

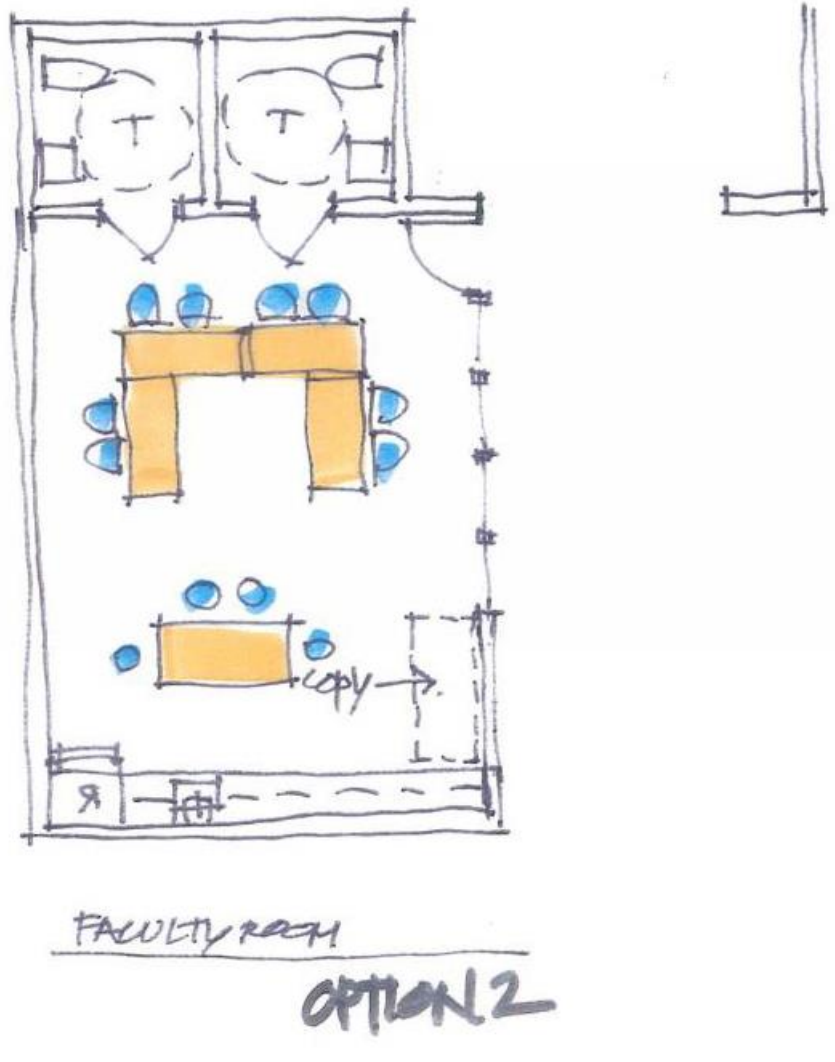

CH : MIN
66 STUDENTS
FOLIO CABS
Instructor station
10'MB
KEYBOARD
5'SB
BAND
STOR
FILES
OFFICE/ STOR.
STAIRS
221 SF
FOLIO CABINETS
UP
CORRIDOR
1401 SF
INSTRUMENT STORAGE
SINK/ INSTRUMENT REPAIR
VEST
283 SF
OPTION 1

Band

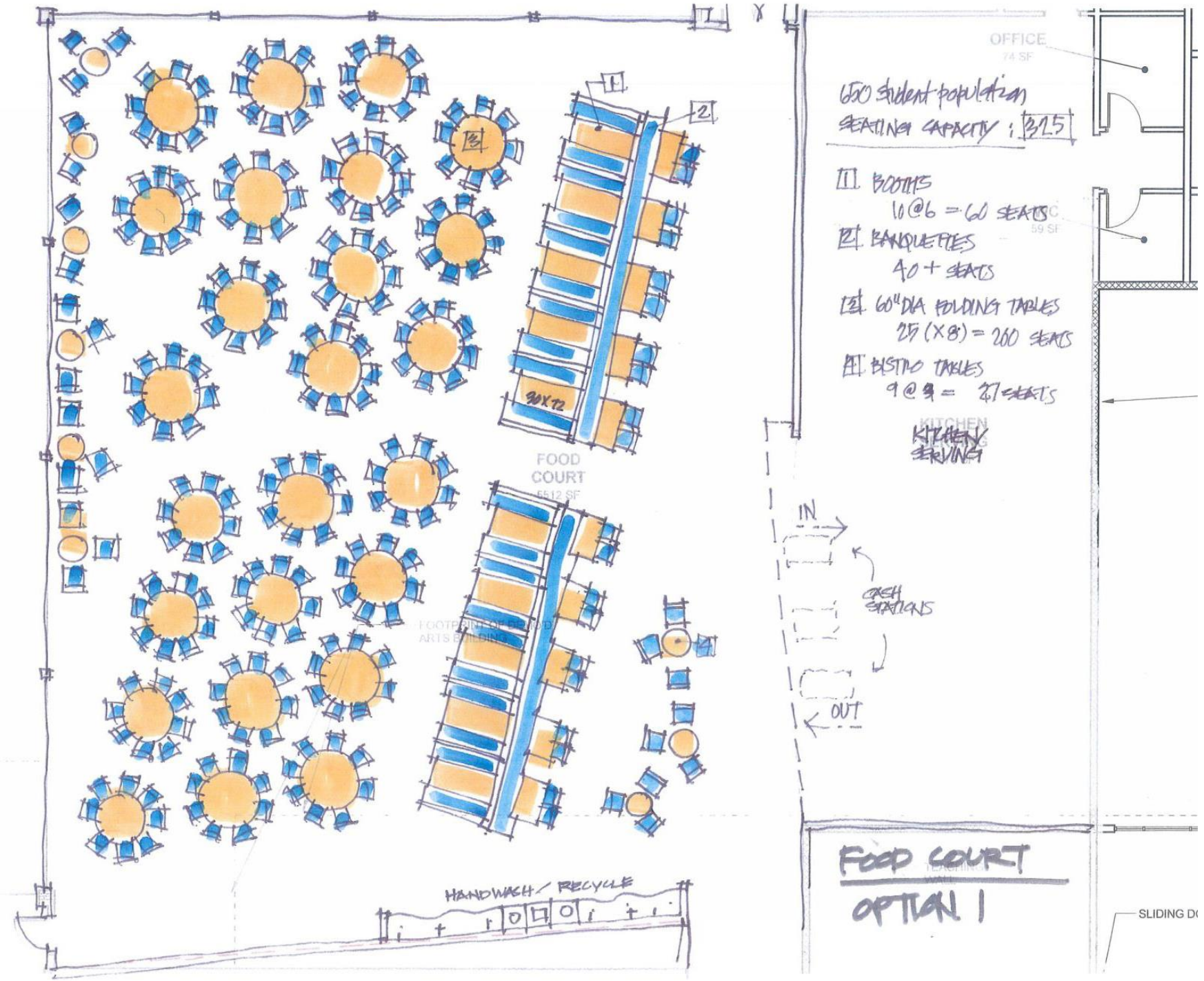

74 STUDENTS
ADDITIONAL INSTRUMENT STORAGE
5' SB
KEYBD
15' MB
5' SB
30"
40"
30"
CLERESTORY WINDOWS
4'TB
MOBILE MUSIC FOLIO CABS
12'x16' INSTRUMENT STORAGE
TALL CABINETS
MUSIC LIBRARY 15 LF
SINK/ INSTRUMENT REPAIR 8'-0"
OPTION 2

Faculty Lounge

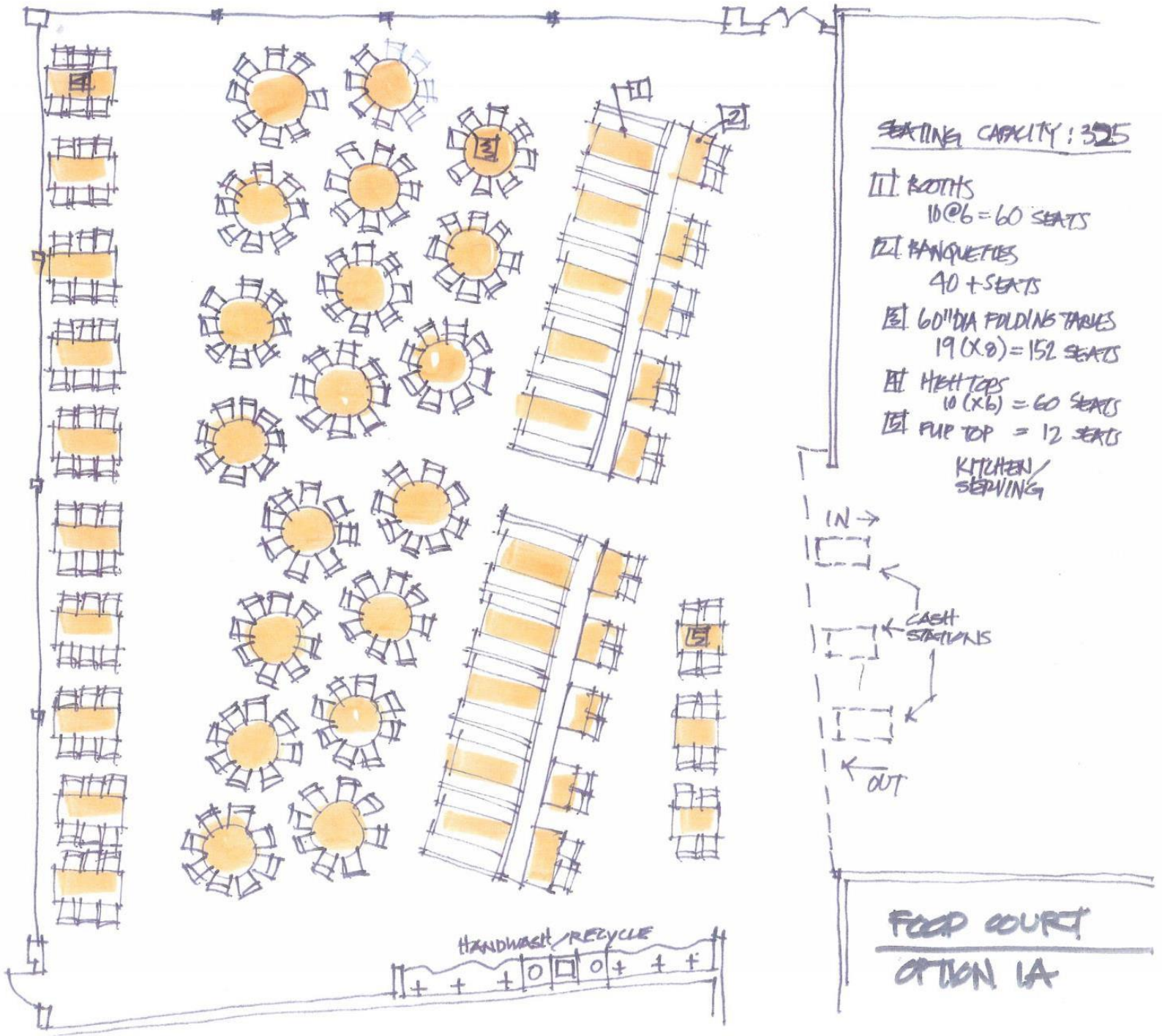




Food Court

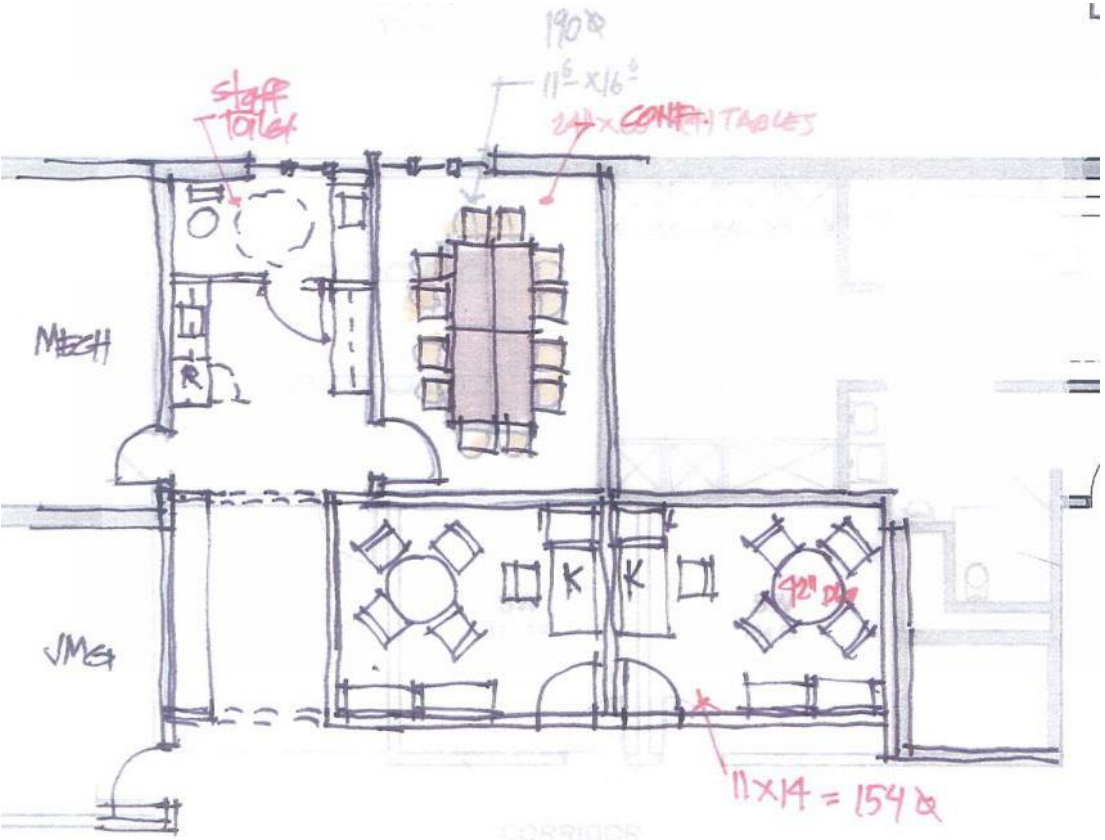

650 student population
SEATING CAPACITY : 325
1. BOOTHS
10@6 = 60 SEATS
2. BANQUETTES
40 + SEATS
3. 60" DIA FOLDING TABLES
25 (X8) = 200 SEATS
4. BISTRO TABLES
9@3 = 27 SEATS
OFFICE
74 SF
59 SF
KITCHEN
KITCHEN/ SERVING
FOOD COURT
5512 SF
30X72
IN
OUT
CASH STATIONS
HANDWASH / RECYCLE
FOOD COURT
OPTION 1
SLIDING D

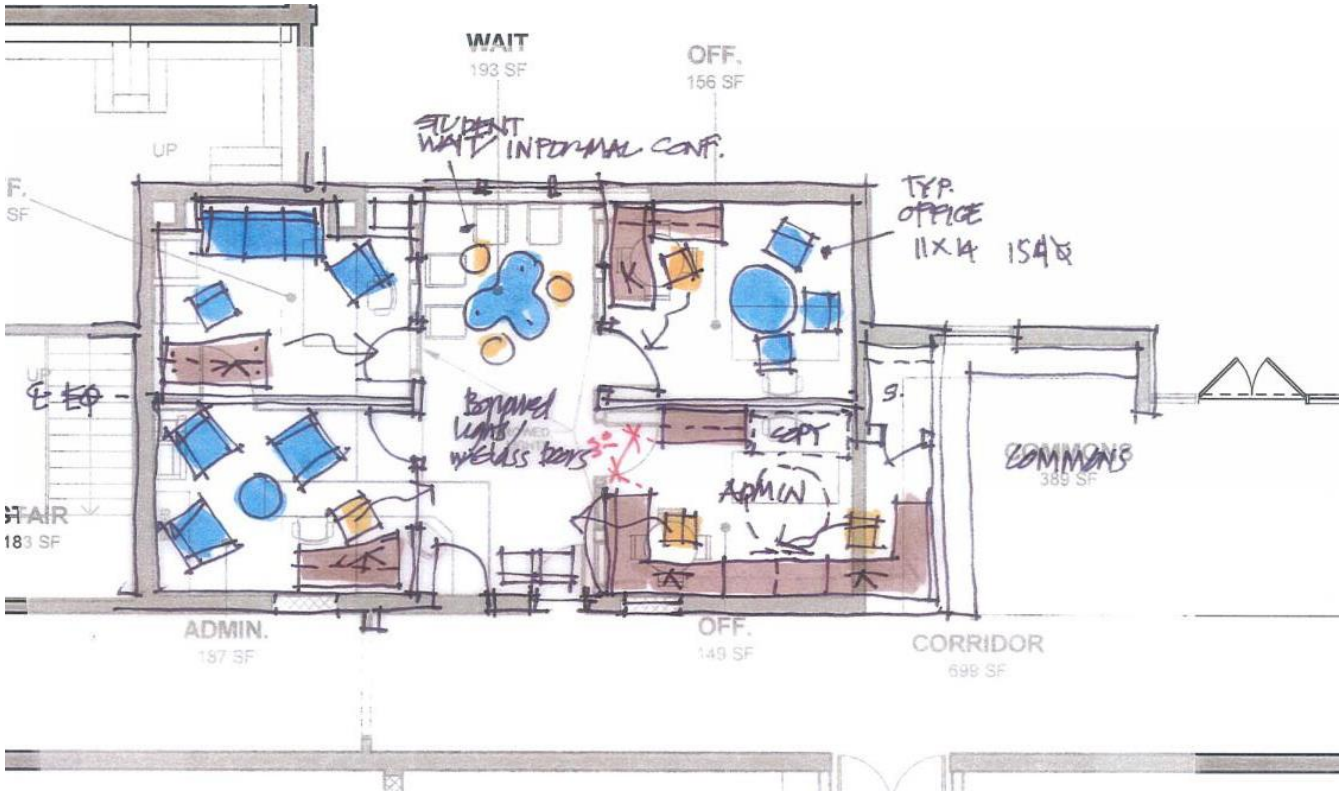
Food Court



PDT ARCHITECTS

Guidance Suite





FUTURE EXPANSION

1. Cost to strengthen the current design structure to support an expanded 2nd Floor
   - $23,400 for larger foundations & columns
   - $32,400 for enlarged concrete slab area
   - **$55,800 TOTAL**

2. Cost to strengthen the current design structure to support a 3rd floor
   - **$93,600 TOTAL**

Re-ROOF SCOPE

1. Membrane Only
   - **$201,828**

2. Insulation to R-40 & Structural Upgrade
   - **Option A: $1,542,296 (work from below)**
   - **Option B: $1,438,993 (work from above)**

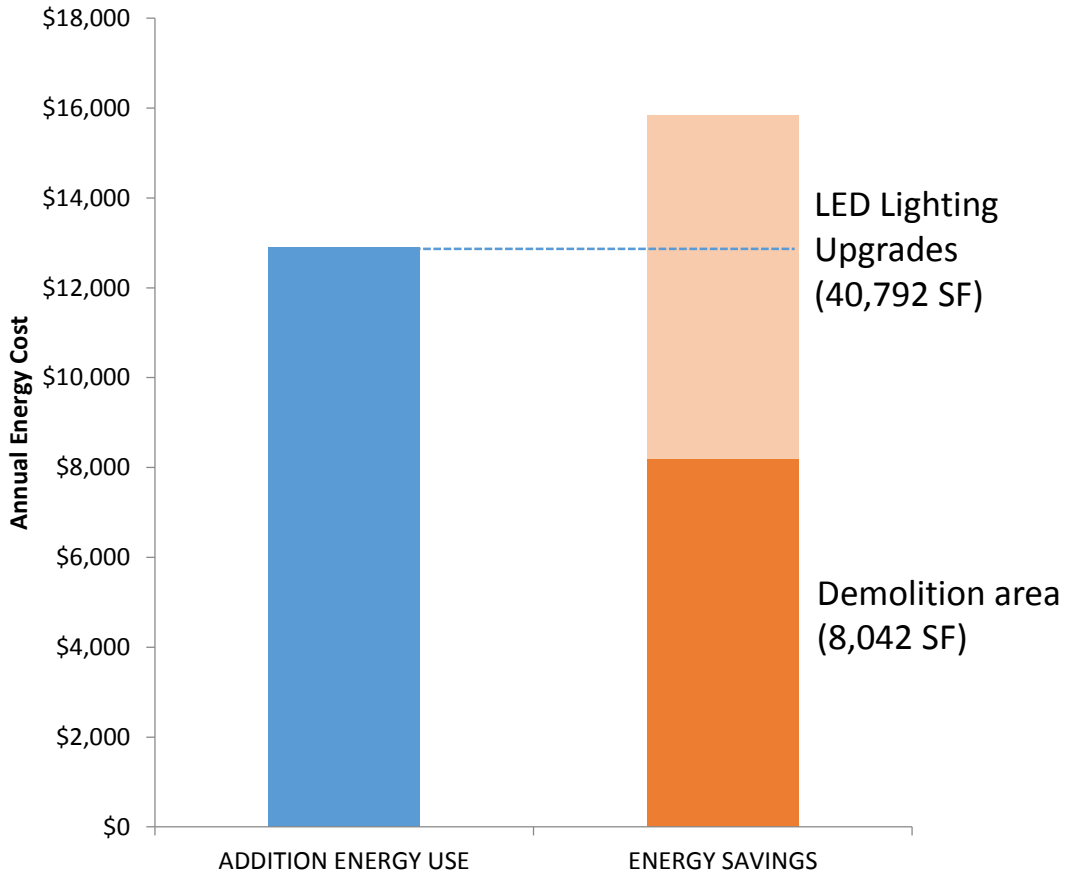
Freeport High School – Net Zero Addition Analysis

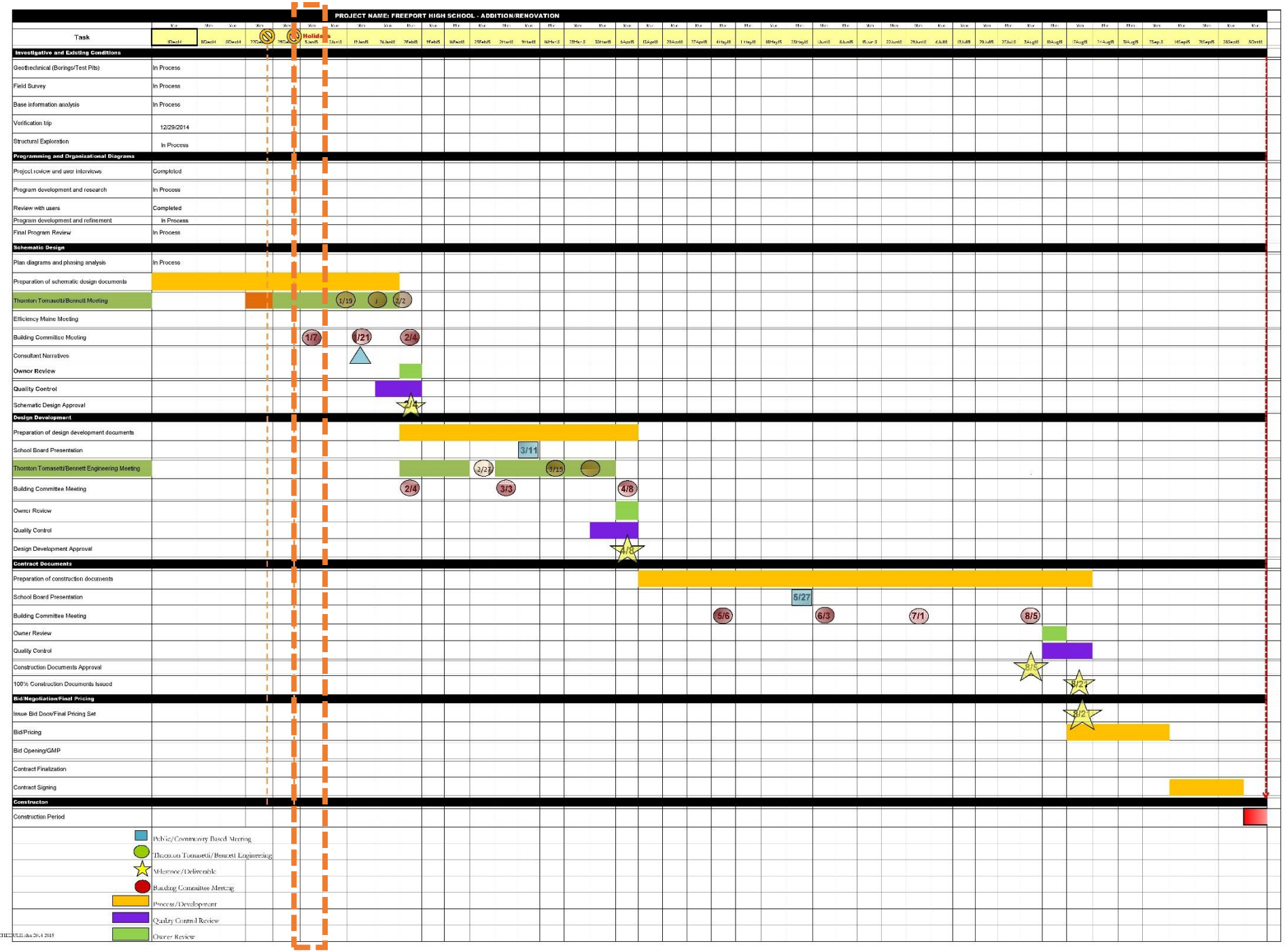
DRAFT
Energy Savings

Estimated Cost Savings over Net Zero threshold

Items still to be included

1. Difference in Kitchen energy use from existing to new
2. Additional energy use for new classrooms in old cafeteria space
3. New Entrance Design





PDT ARCHITECTS