

ICHABOD CRANE CENTRAL SCHOOL DISTRICT

2018 Capital Project

Board of Education Meeting

05.07.2019

CSARCH

Agenda

1. Project Status Update
2. Preliminary Designs
3. Next Steps

Project Status Update

Overview of Project Phases

3 Phases of a Project:

- Schematic Design
- Design Development
- Construction Documents

Overview of Project Phases

3 Phases of a Project:



Schematic Design

- Perform field visits to existing buildings
 - Conduct investigative testing (asbestos, site survey, etc.)
 - Conduct programming meetings
 - Develop preliminary design concepts
 - Regular updates to Project Committee
-
- Design Development
 - Construction Documents

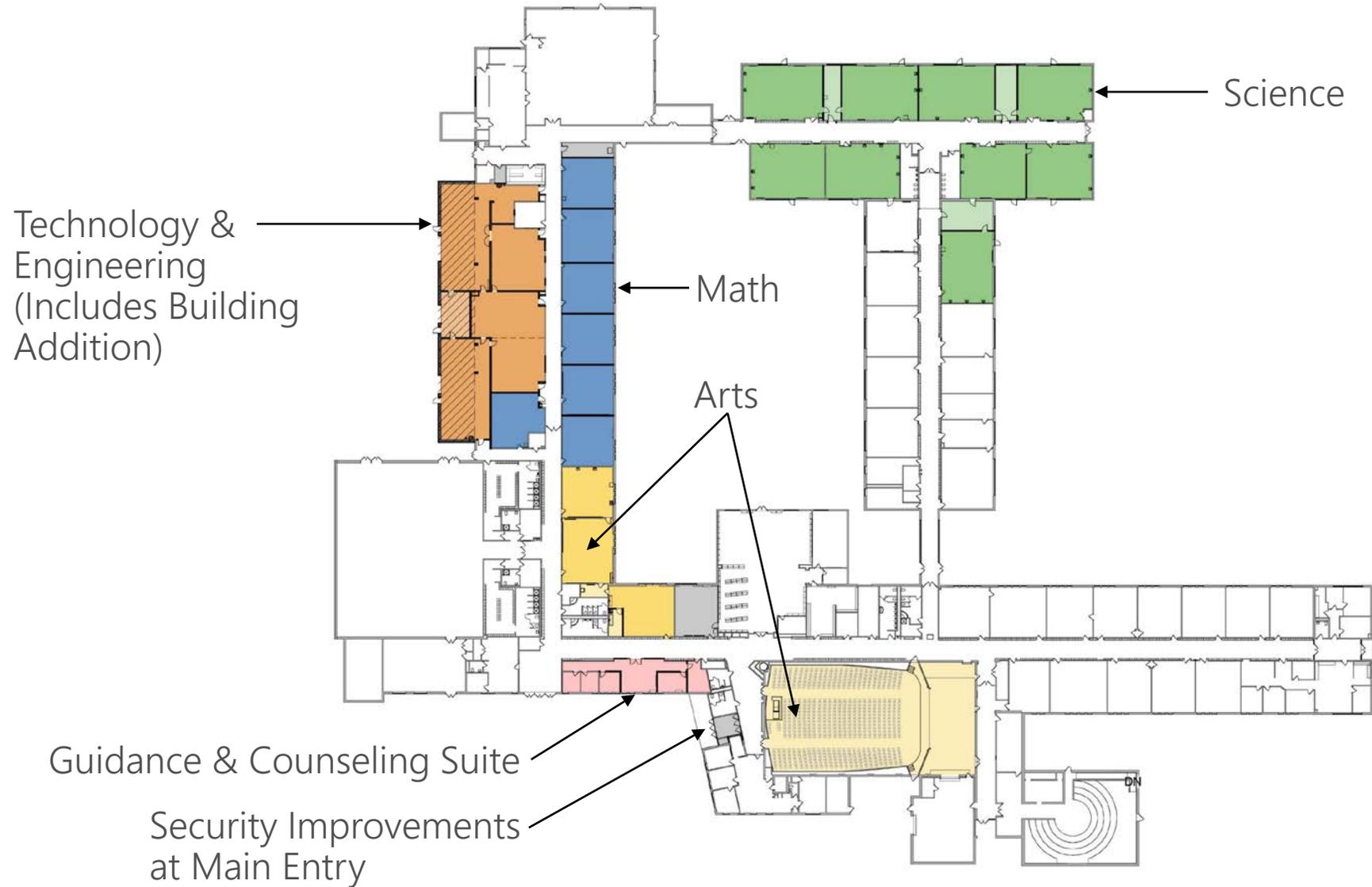
Overview of Project Phases

3 Phases of a Project:

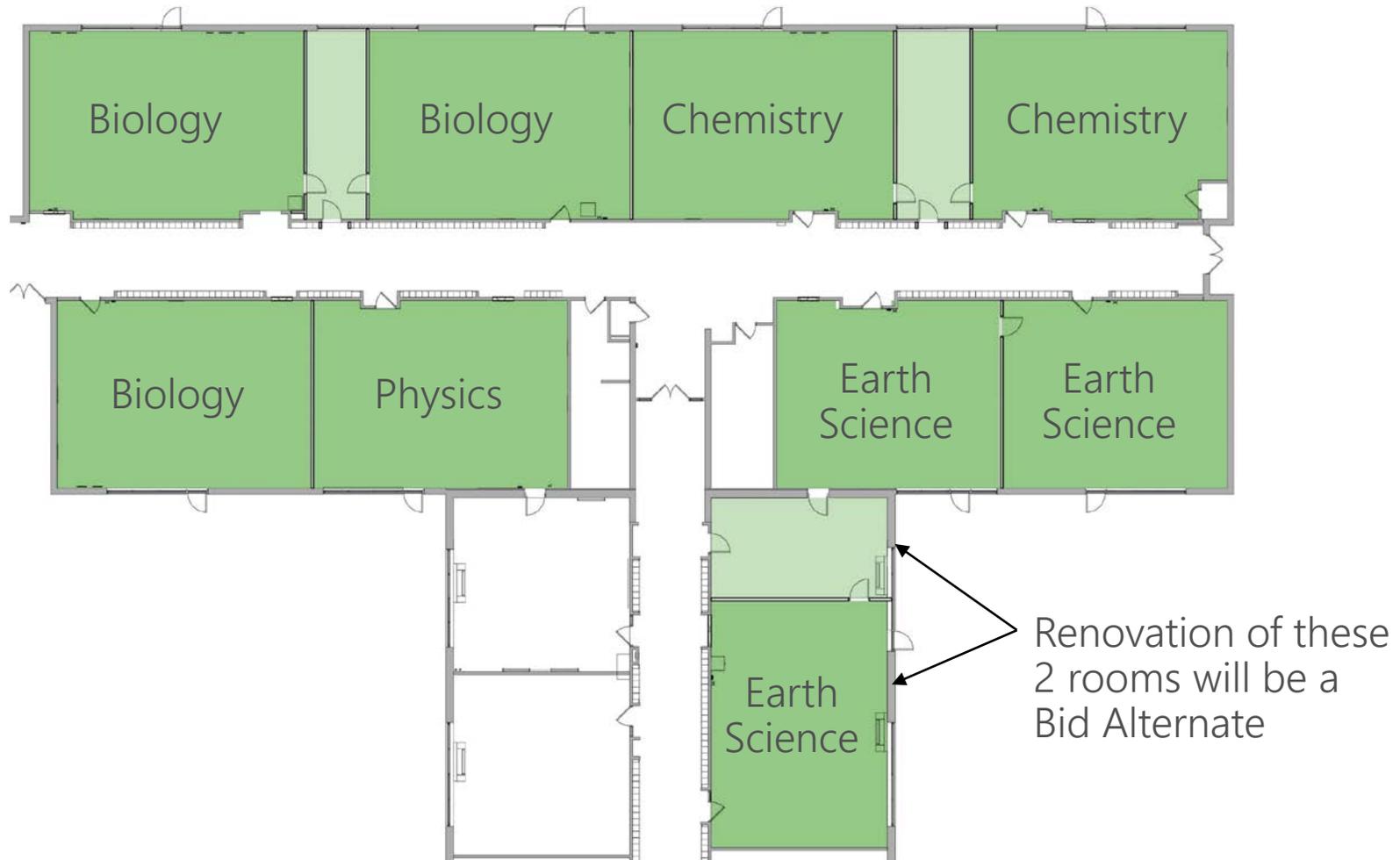
- Schematic Design
- Design Development
 - Select materials and building components
 - Develop plans and specifications for all disciplines
- Construction Documents
 - Further develop plans and specifications to create bid-ready documents
 - Submit to NYSED for review and approval

Preliminary Designs

High School- Areas of Work

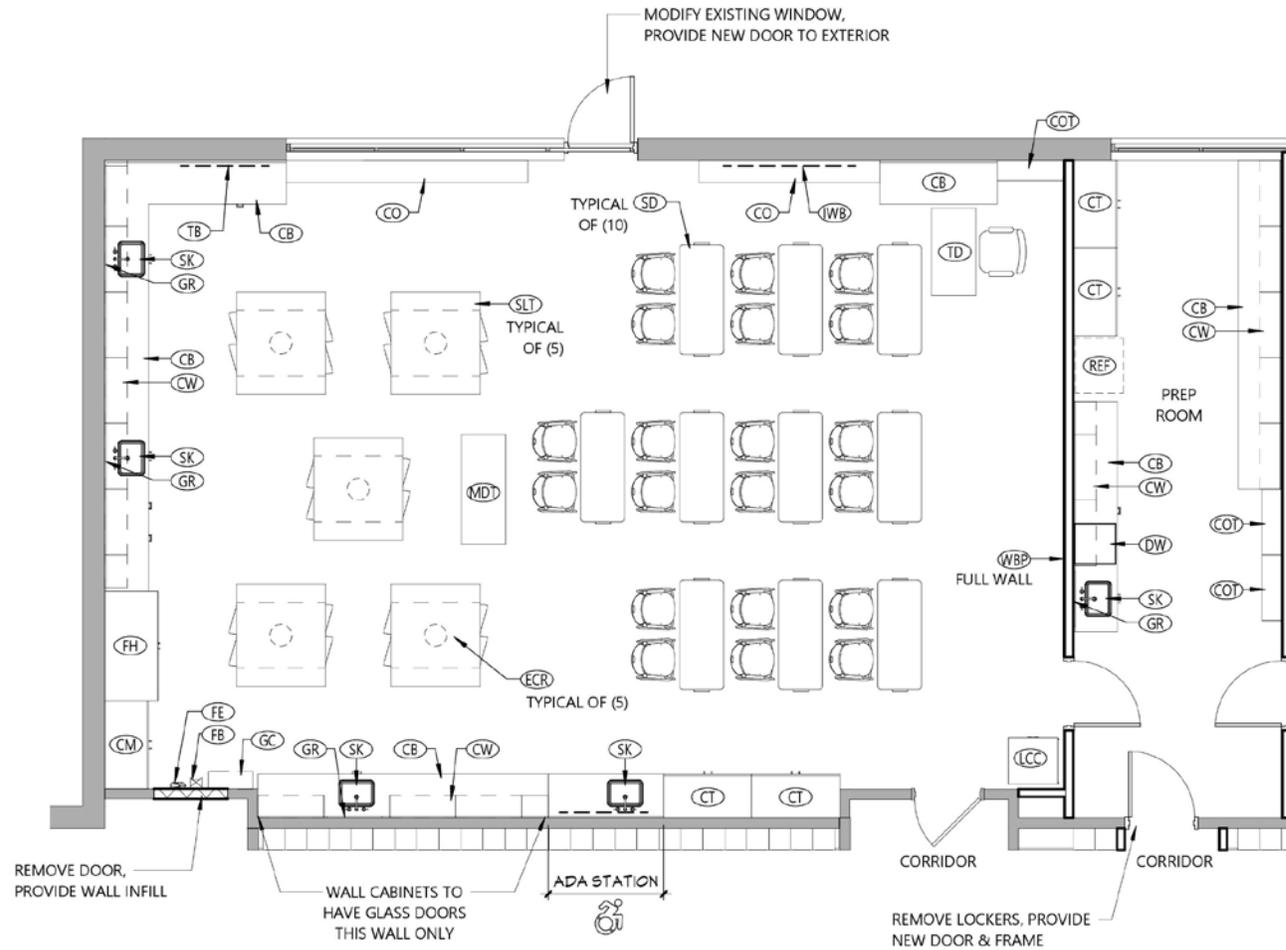


Science

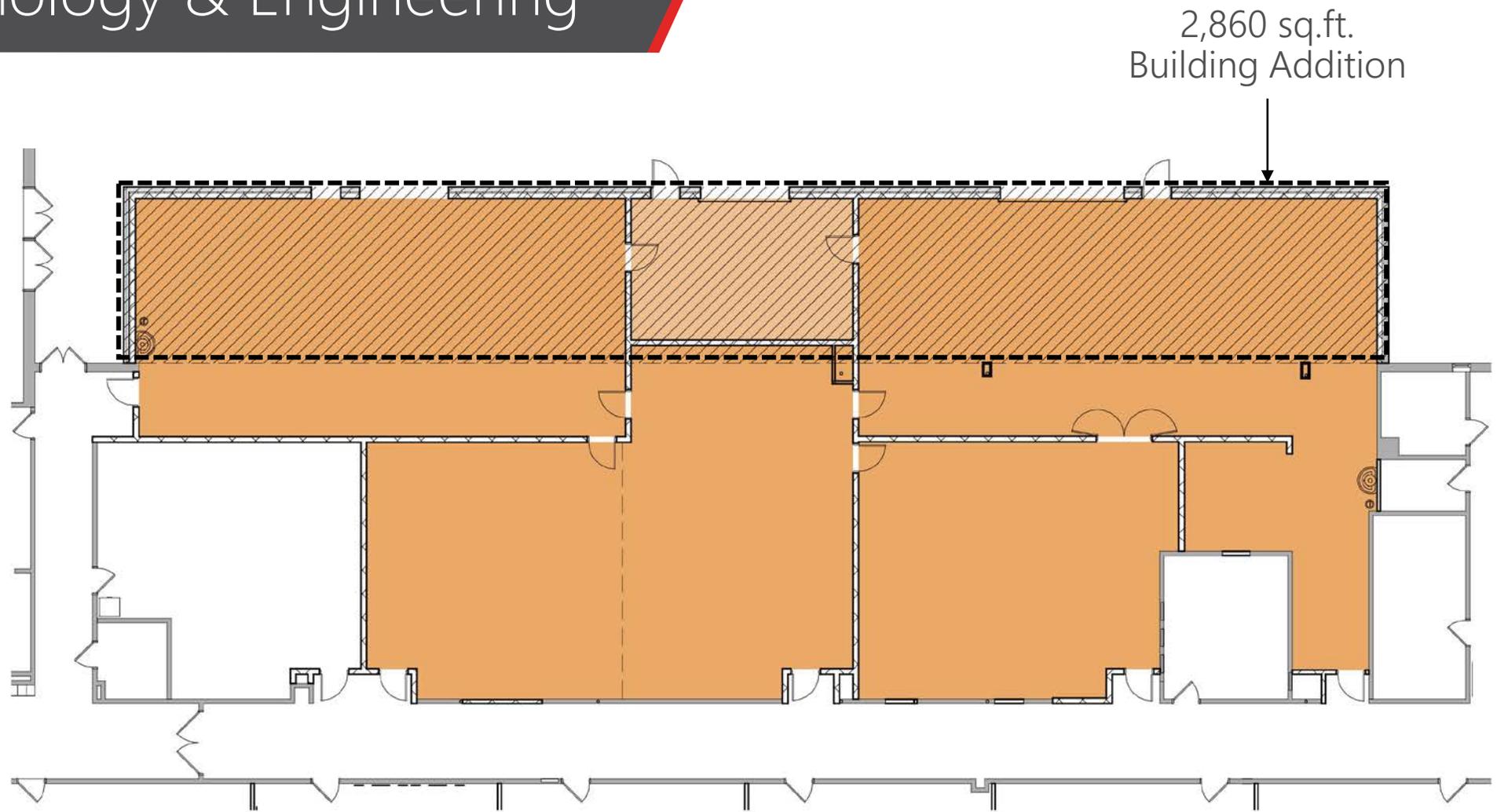


Science

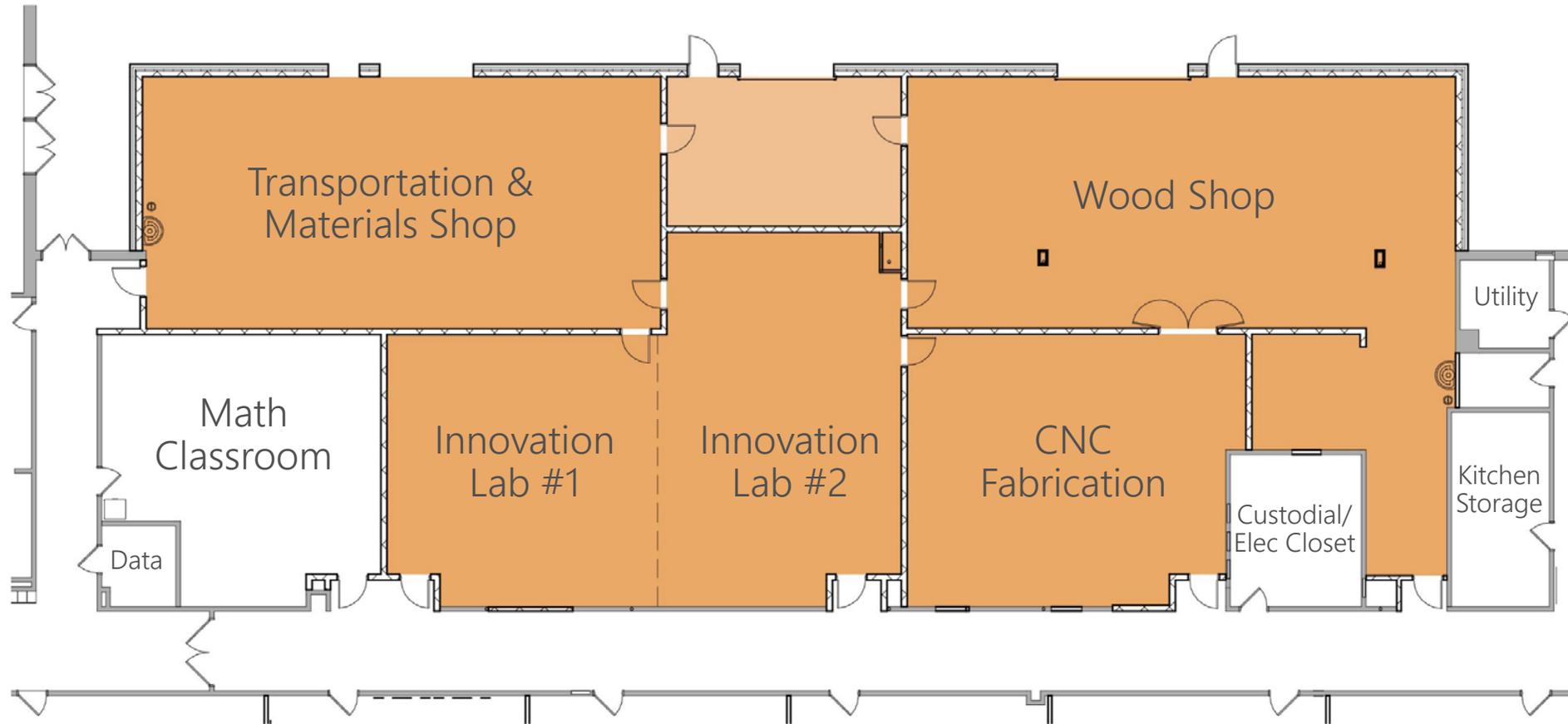
LEGEND	
(BS)	BLACKOUT SHADES
(CB)	CASEWORK, BASE CABINET W/ COUNTER
(CF)	CASEWORK, FLAT FILES, 30"DEEP, W/ COUNTER
(CM)	CASEWORK, TALL MICROSCOPE CABINET
(CO)	CASEWORK, OPEN SHELVING (LOW) W/ COUNTER
(COT)	CASEWORK, OPEN SHELVING (TALL BOOKCASE)
(CT)	CASEWORK, TALL W/ ADJUSTABLE SHELVING
(CW)	CASEWORK, WALL CABINET
(CWB)	CASEWORK, WARDROBE CABINET
(DW)	DISHWASHER
(ECR)	ELECTRIC CORD REEL OVERHEAD
(ESE)	EMERGENCY SHOWER AND EYE WASH
(FB)	FIRE BLANKET
(FE)	FIRE EXTINGUISHER
(FH)	FUME HOOD
(GC)	GOGGLE CABINET
(GR)	GLASSWARE DRYING RACK (WALL MOUNTED)
(IWB)	INTERACTIVE WHITEBOARD/MONITOR
(LCC)	LAPTOP/TABLET CHARGING CART
(MDT)	MOBILE DEMONSTRATION TABLE
(PR)	PROJECTOR
(REF)	REFRIGERATOR, BY OWNER
(CSA)	CHEMICAL CABINET- ACIDS (SALVAGED, BLUE)
(CSF)	CHEMICAL CABINET- FLAMMABLES (NEW, RED)
(CSO)	CHEMICAL CABINET- OXIDIZER (SALVAGED, YELLOW)
(SLT)	STUDENT LAB TABLE
(SD)	STUDENT DESK/CHAIR
(SK)	SINK
(TB)	TACKBOARD
(TD)	TEACHER'S DESK (FURNITURE)
(TDS)	TEACHER'S DEMONSTRATION TABLE W/ DESK
(WBP)	WHITEBOARD PANEL, FULL LENGTH OF WALL PANELS 4'W x 8'H, MAGNETIC
<ul style="list-style-type: none"> • CASEWORK = WOOD CABINETS WITH EPOXY RESIN COUNTERS 	



Technology & Engineering

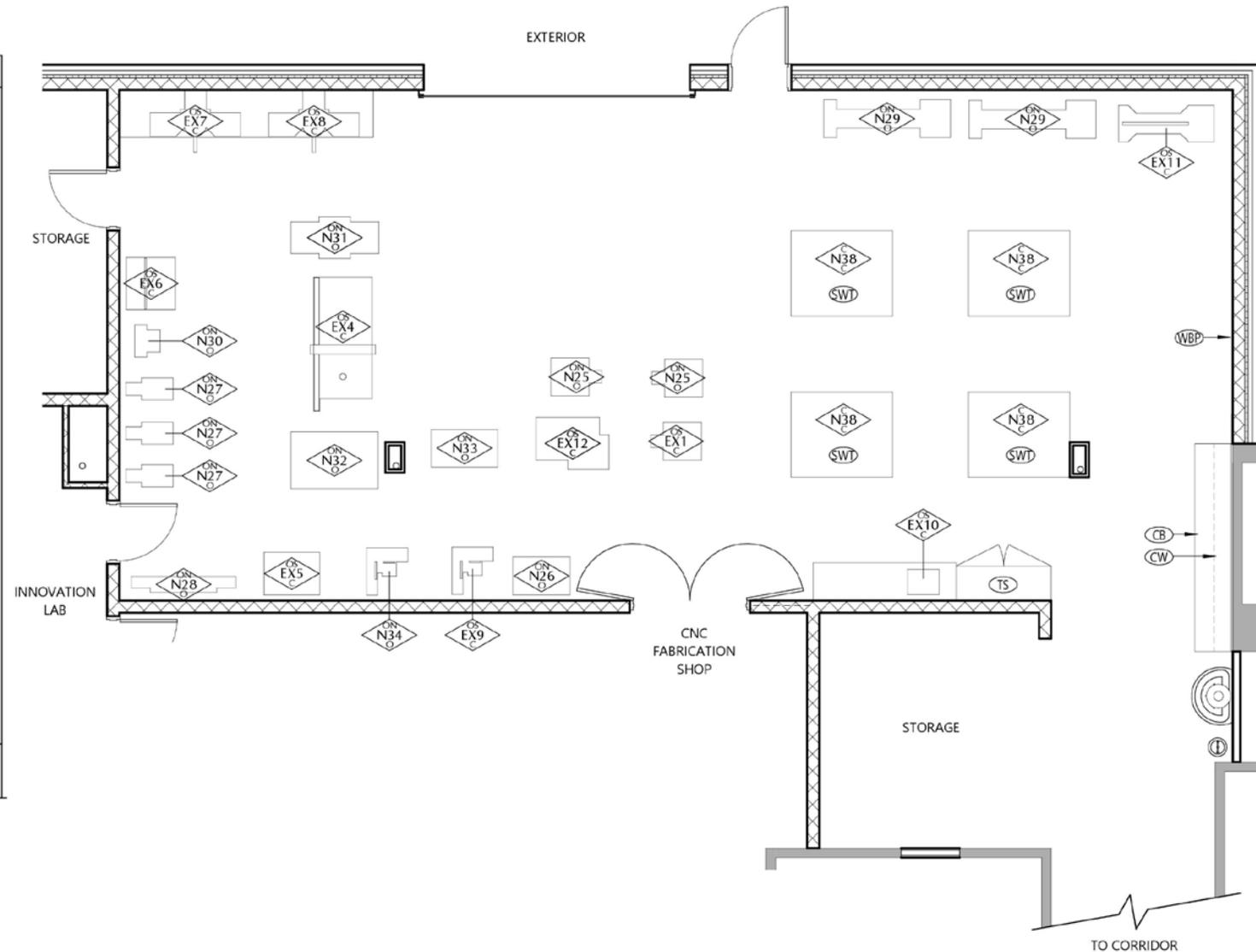


Technology & Engineering



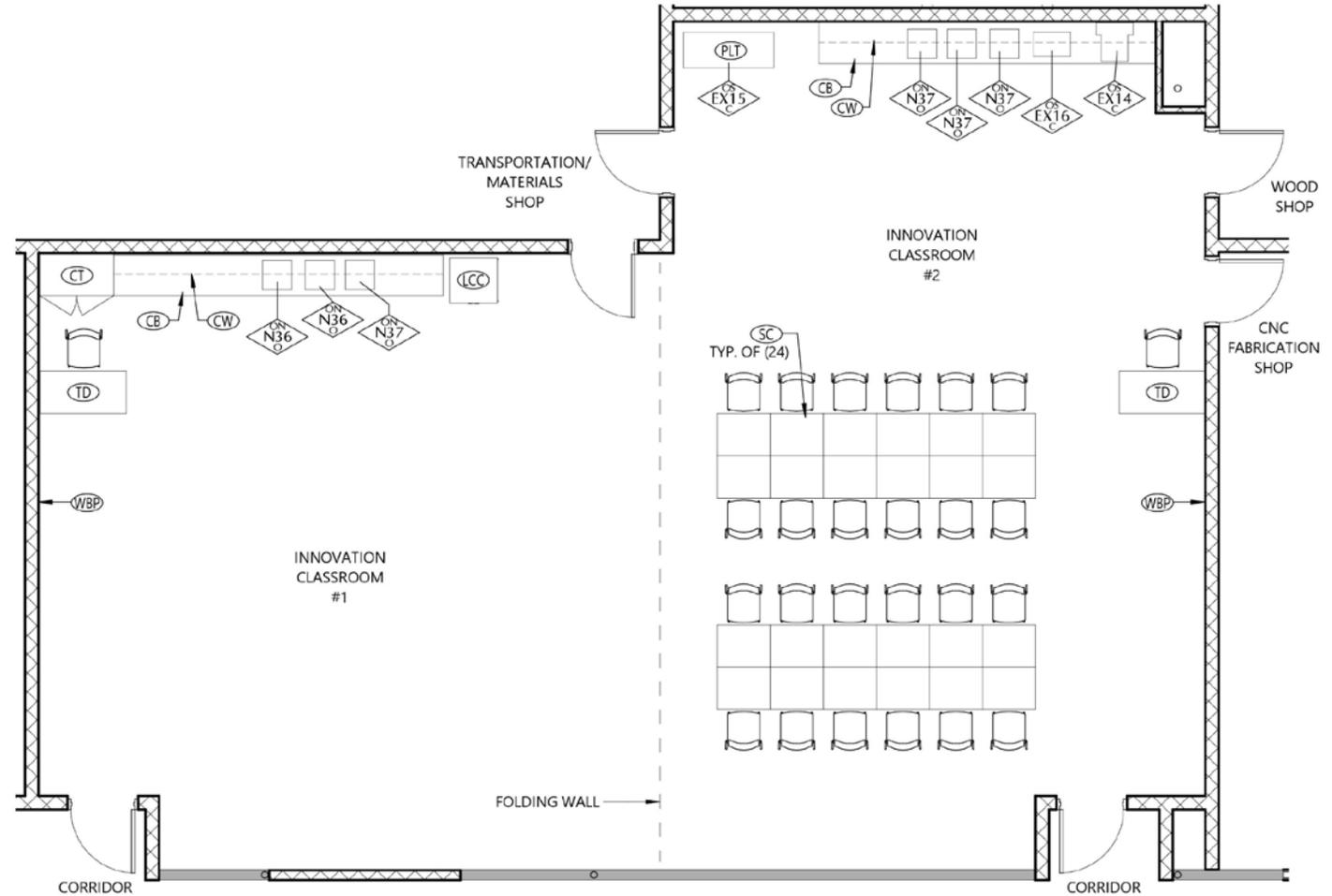
Technology & Engineering

LEGEND	
(CB)	CASEWORK, BASE CABINET W/ COUNTER
(CF)	CASEWORK, FLAT FILES, 30" DEEP, W/ COUNTER
(CO)	CASEWORK, OPEN SHELVING (LOW) W/ COUNTER
(COI)	CASEWORK, OPEN SHELVING (TALL BOOKCASE)
(CT)	CASEWORK, TALL W/ ADJUSTABLE SHELVING
(CW)	CASEWORK, WALL CABINET
(CWb)	CASEWORK, WARDROBE CABINET
(ECR)	ELECTRIC CORD REEL OVERHEAD
(EE)	EMERGENCY EYE WASH
(FB)	FIRE BLANKET
(FE)	FIRE EXTINGUISHER
(GC)	GOGGLE CABINET
(IWB)	INTERACTIVE WHITEBOARD/MONITOR
(LCC)	LAPTOP/TABLET CHARGING CART
(PLT)	PLOTTER/PRINTER
(PRJ)	PROJECTOR
(CSP)	CHEMICAL CABINET- FLAMMABLES
(SC)	STUDENT COMPUTER DESK
(SK)	SINK
(SWT)	STUDENT WORK TABLE, 4'-5" x 5'-4"
(TB)	TACKBOARD
(TD)	TEACHER'S DESK
(TS)	TOOL STORAGE CABINET
(US)	UTILITY SINK
(WBP)	WHITEBOARD PANEL, FULL LENGTH OF WALL PANELS 4'W x 8'H, MAGNETIC
• CASEWORK = METAL CABINETS WITH BUTCHER BLOCK COUNTERS	

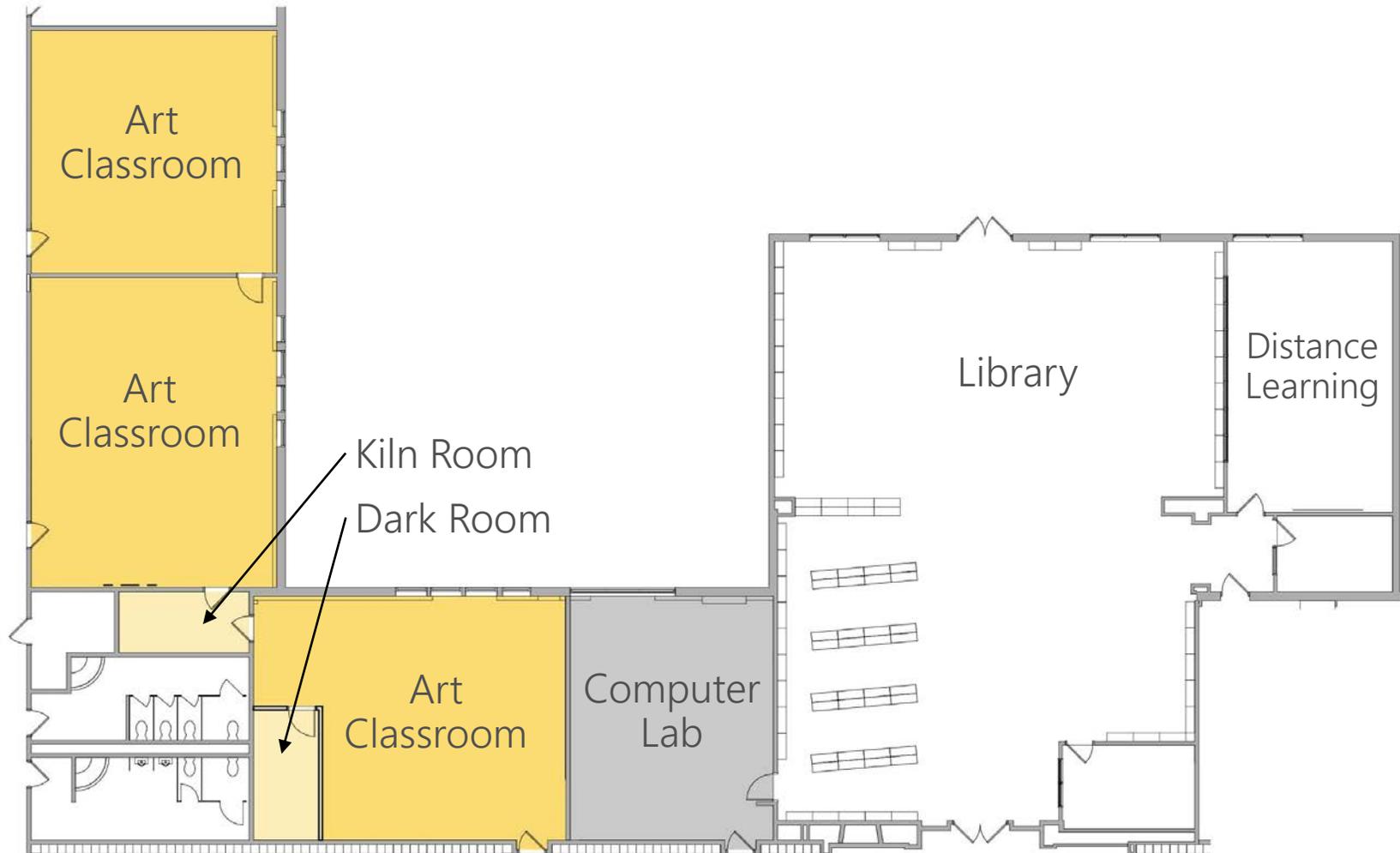


Technology & Engineering

LEGEND	
(CB)	CASEWORK, BASE CABINET W/ COUNTER
(CF)	CASEWORK, FLAT FILES, 30"DEEP. W/ COUNTER
(CO)	CASEWORK, OPEN SHELVING (LOW) W/ COUNTER
(COI)	CASEWORK, OPEN SHELVING (TALL BOOKCASE)
(CT)	CASEWORK, TALL W/ ADJUSTABLE SHELVING
(CW)	CASEWORK, WALL CABINET
(CWR)	CASEWORK, WARDROBE CABINET
(ECR)	ELECTRIC CORD REEL OVERHEAD
(EE)	EMERGENCY EYE WASH
(FB)	FIRE BLANKET
(FE)	FIRE EXTINGUISHER
(GC)	GOGGLE CABINET
(IWB)	INTERACTIVE WHITEBOARD/MONITOR
(LCC)	LAPTOP/TABLET CHARGING CART
(PLT)	PLOTTER/PRINTER
(PRI)	PROJECTOR
(CSF)	CHEMICAL CABINET - FLAMMABLES
(SC)	STUDENT COMPUTER DESK
(SK)	SINK
(SWT)	STUDENT WORK TABLE, 4'-6" x 5'-4"
(TB)	TACKBOARD
(TD)	TEACHER'S DESK
(TS)	TOOL STORAGE CABINET
(US)	UTILITY SINK
(WBP)	WHITEBOARD PANEL, FULL LENGTH OF WALL PANELS 4'W x 8'H, MAGNETIC
<ul style="list-style-type: none"> • CASEWORK = METAL CABINETS WITH BUTCHER BLOCK COUNTERS 	

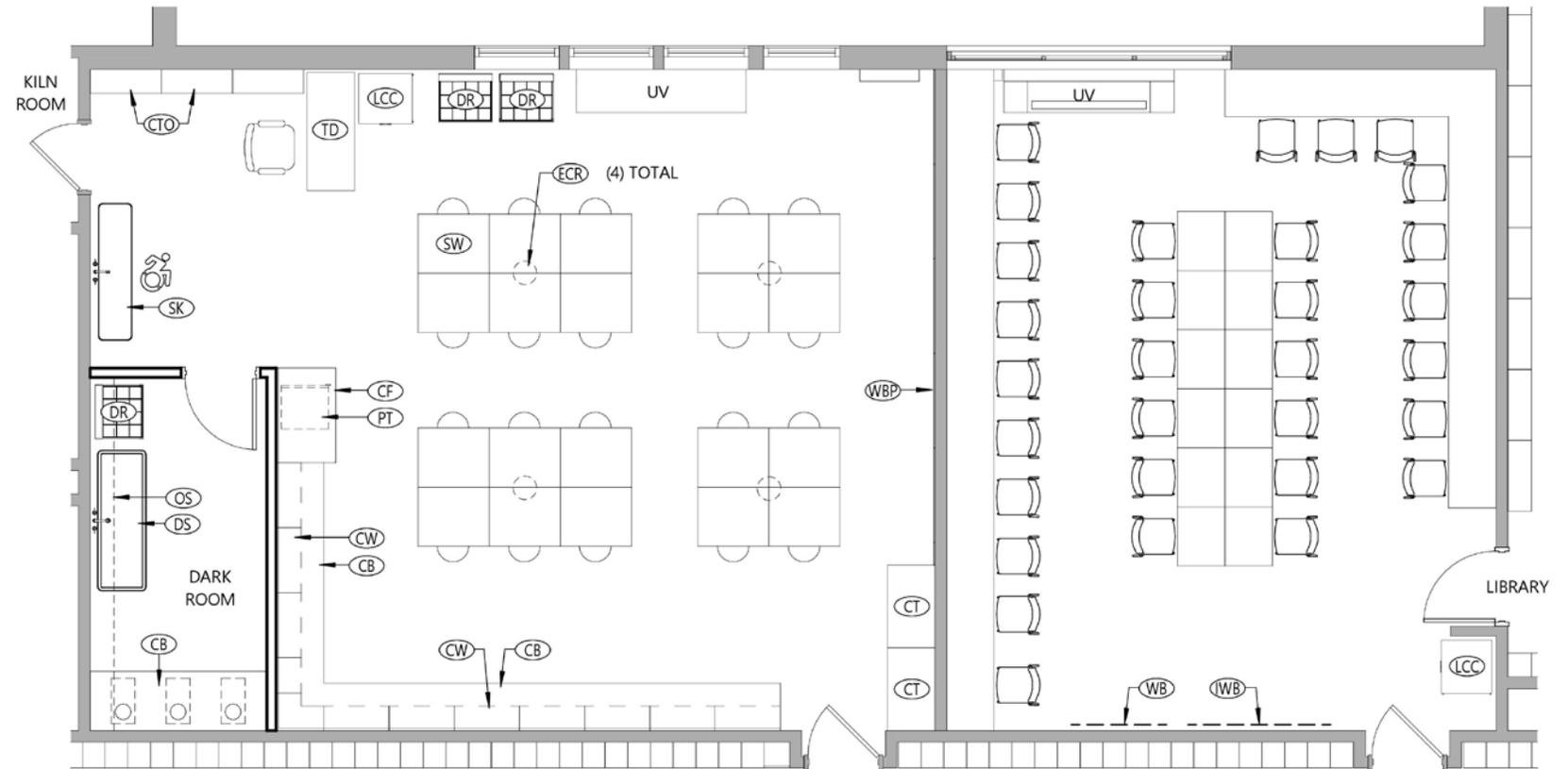


Arts

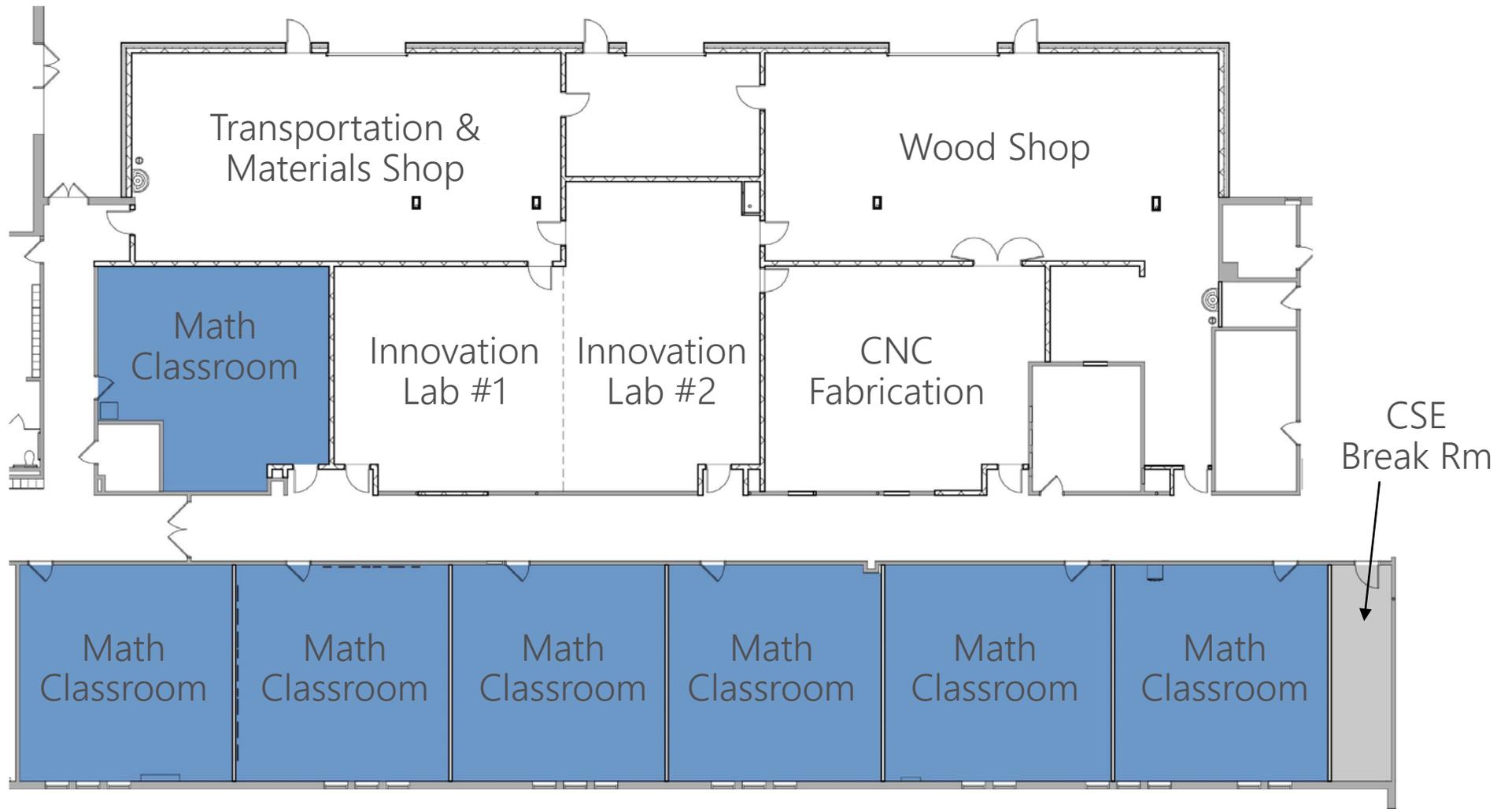


Arts

LEGEND	
(CB)	CASEWORK, BASE CABINET W/ COUNTER
(CD)	COMPUTER DESK/COUNTER
(CF)	CASEWORK, FLAT FILES, 30" DEEP, W/ COUNTER
(CO)	CASEWORK, LOW OPEN SHELVING W/ COUNTER
(CP)	CASEWORK, PORTFOLIO CABINET
(CT)	CASEWORK, TALL W/ ADJUSTABLE SHELVING
(CTO)	CASEWORK, TALL W/ OPEN SHELVING
(CW)	CASEWORK, WALL CABINET
(DR)	DRYING RACK
(DS)	DARKROOM SINK
(ECR)	ELECTRIC CORD REEL OVERHEAD
(IWB)	INTERACTIVE WHITEBOARD/MONITOR
(KL)	KILN
(LCC)	LAPTOP/TABLET CHARGING CART
(MB)	MOBILE WHITE BOARD (FURNITURE)
(OS)	OPEN ADJUSTABLE SHELVING ON STANDARDS
(PT)	PAPER TRIMMER, ON FLAT FILE DRAWERS
(PW)	POTTERY WHEEL
(SK)	SINK
(SW)	STUDENT WORK TABLE AND STOOL
(TB)	TACKBOARD
(TD)	TEACHER'S DESK (FURNITURE, WITH POWER AND DATA)
(US)	UTILITY SINK W/ BASE CABINET
(WB)	WHITEBOARD
(WBP)	WHITEBOARD PANEL, FULL LENGTH OF WALL. PANELS 4'W x 8'H, MAGNETIC
<ul style="list-style-type: none"> • CASEWORK = PLASTIC LAMINATE CABINETS AND SOLID SURFACE COUNTERS 	



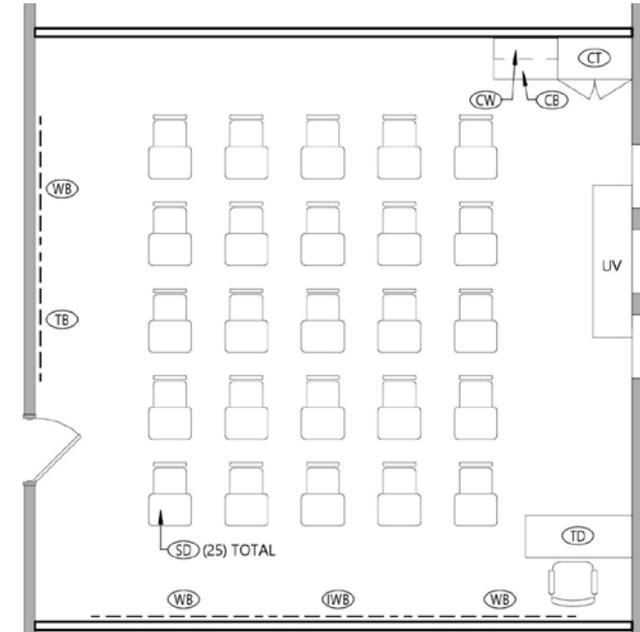
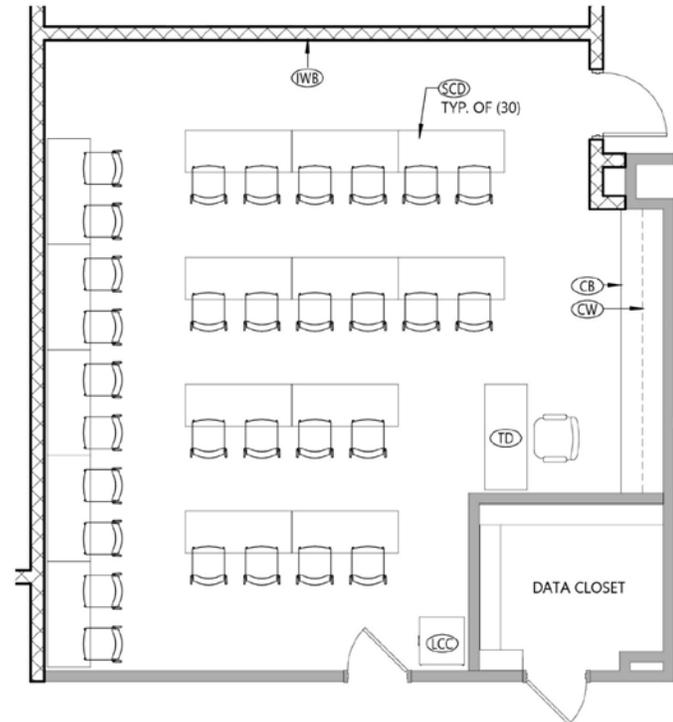
Math



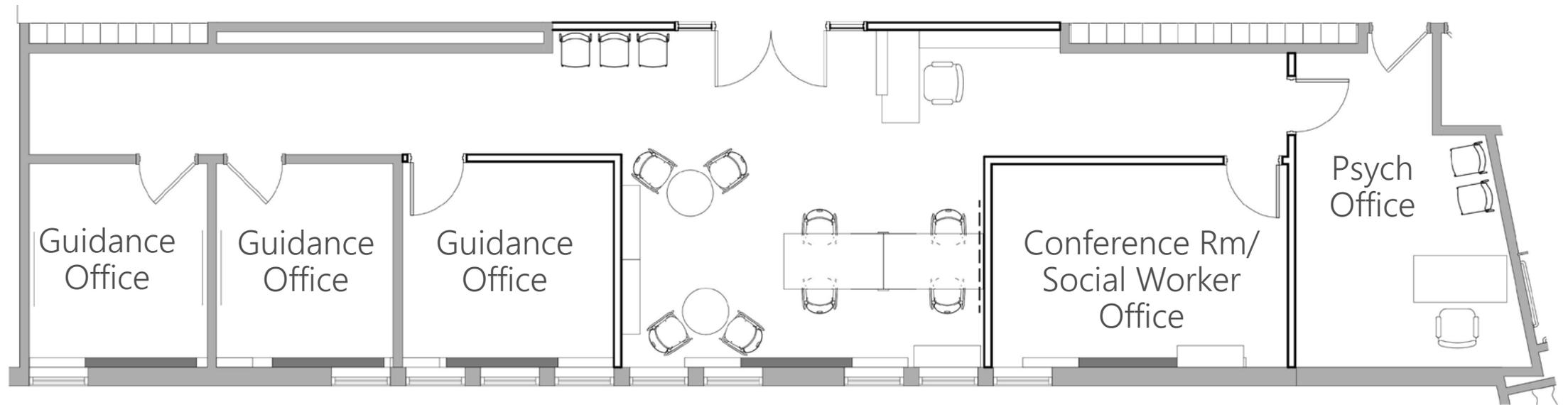
Math

LEGEND	
(CB)	CASEWORK, BASE CABINET W/ COUNTER
(CT)	CASEWORK, TALL W/ ADJUSTABLE SHELVING
(CW)	CASEWORK, WALL CABINET
(IWB)	INTERACTIVE WHITEBOARD/MONITOR
(LCC)	LAPTOP/TABLET CHARGING CART
(SCD)	STUDENT COMPUTER DESK AND CHAIR
(SD)	STUDENT DESK AND CHAIR
(TB)	TACKBOARD
(TD)	TEACHER'S DESK (FURNITURE, WITH POWER AND DATA)
(WB)	WHITEBOARD

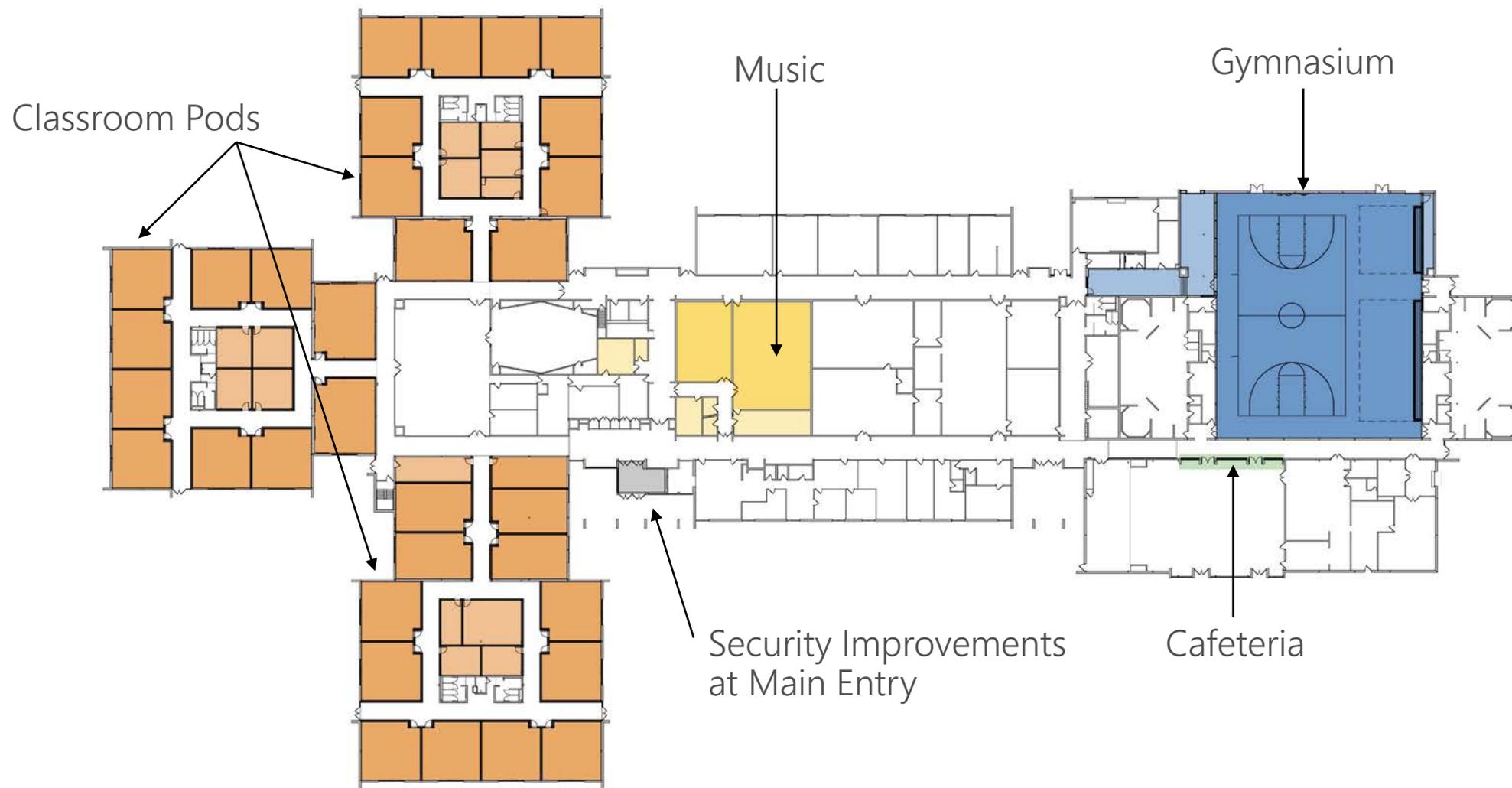
• CASEWORK = PLASTIC LAMINATE CABINETS AND COUNTERS



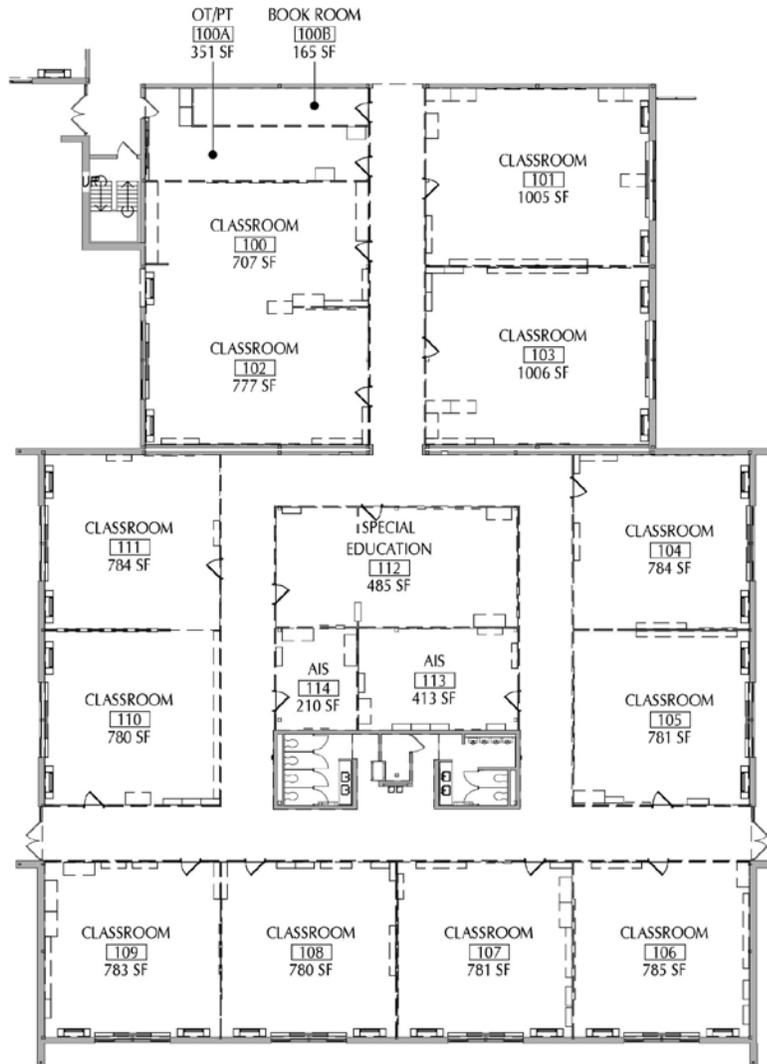
Counseling Suite



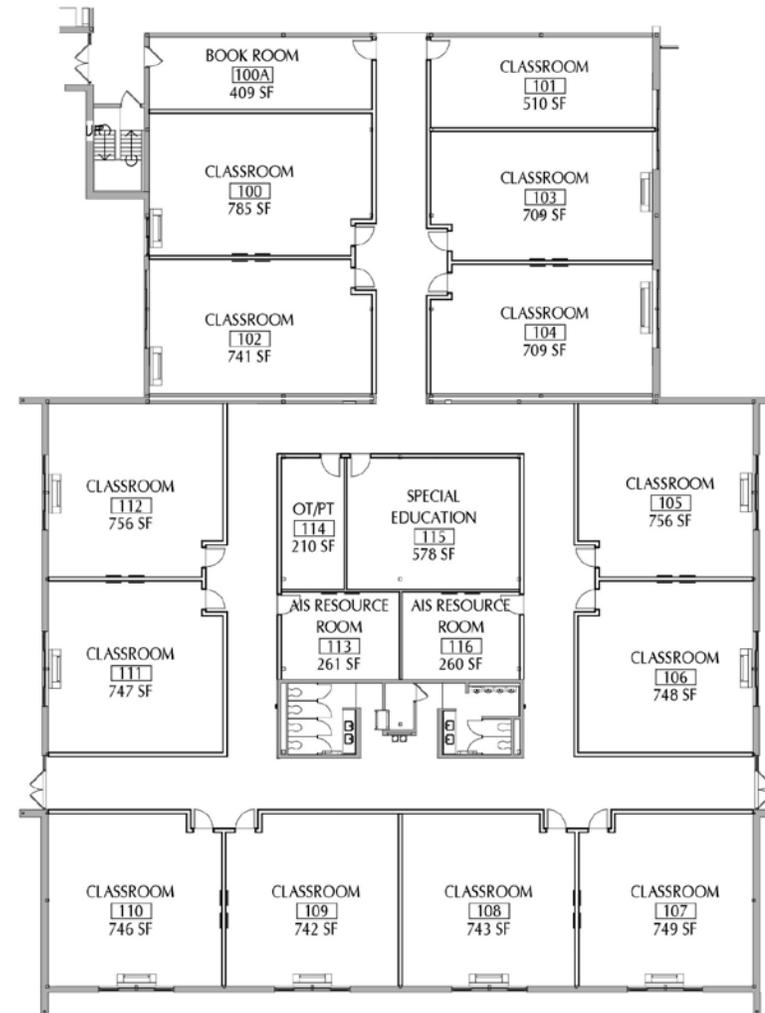
Middle School- Areas of Work



Classroom Pod 1

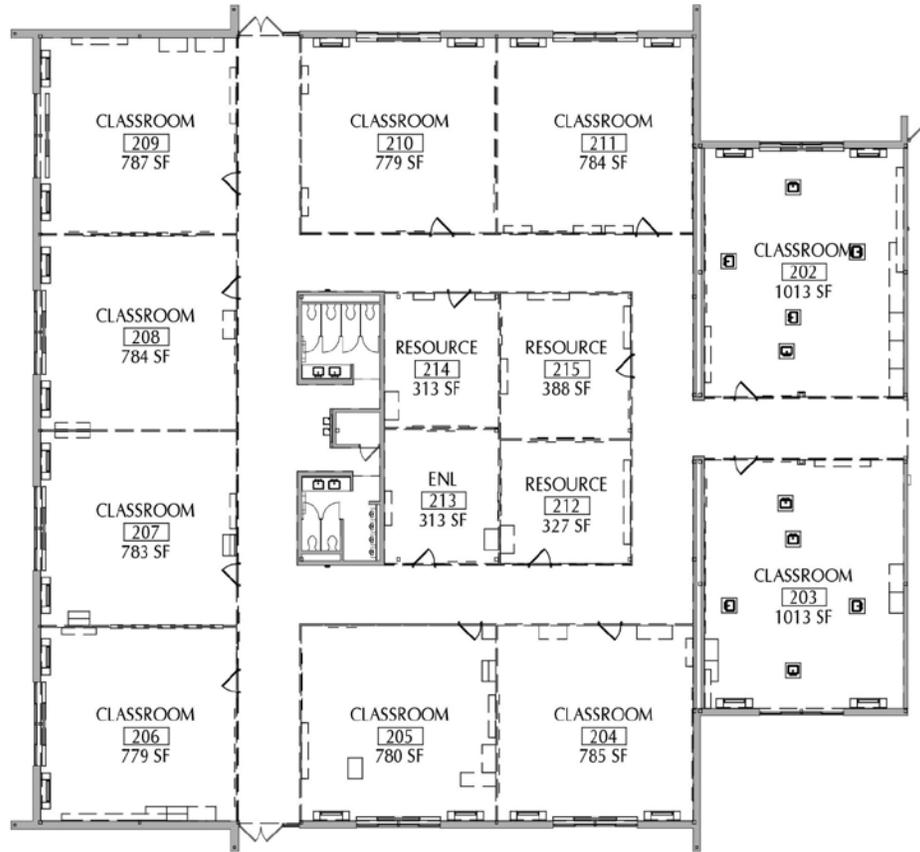


Existing

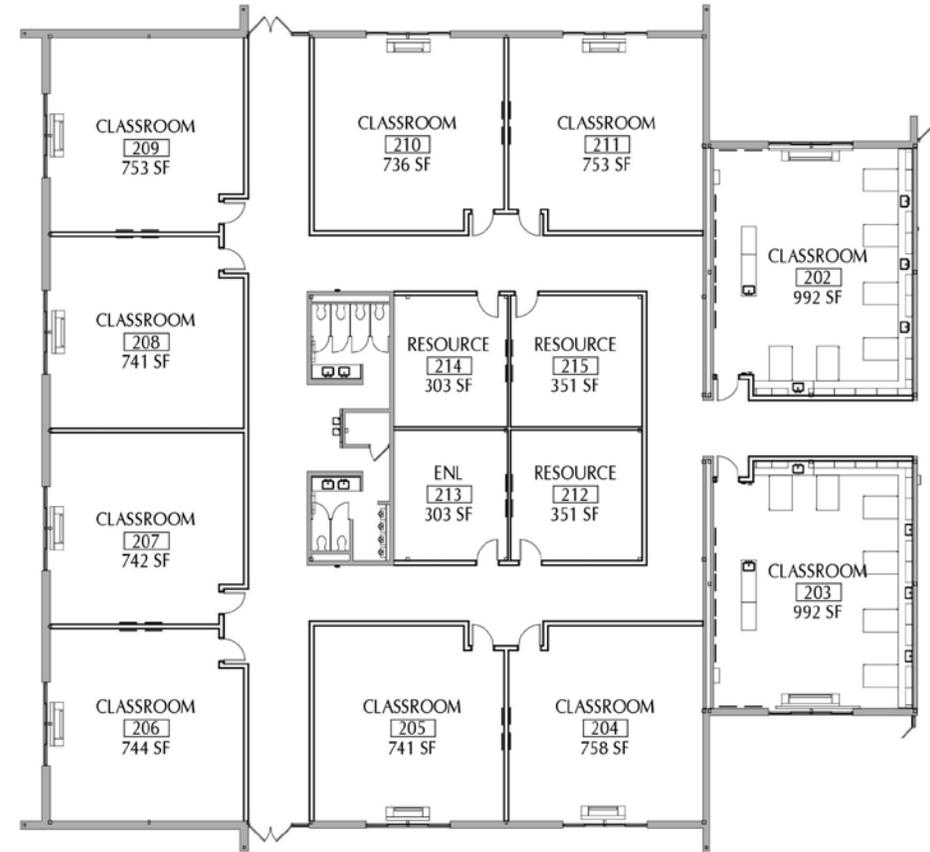


Proposed

Classroom Pod 2

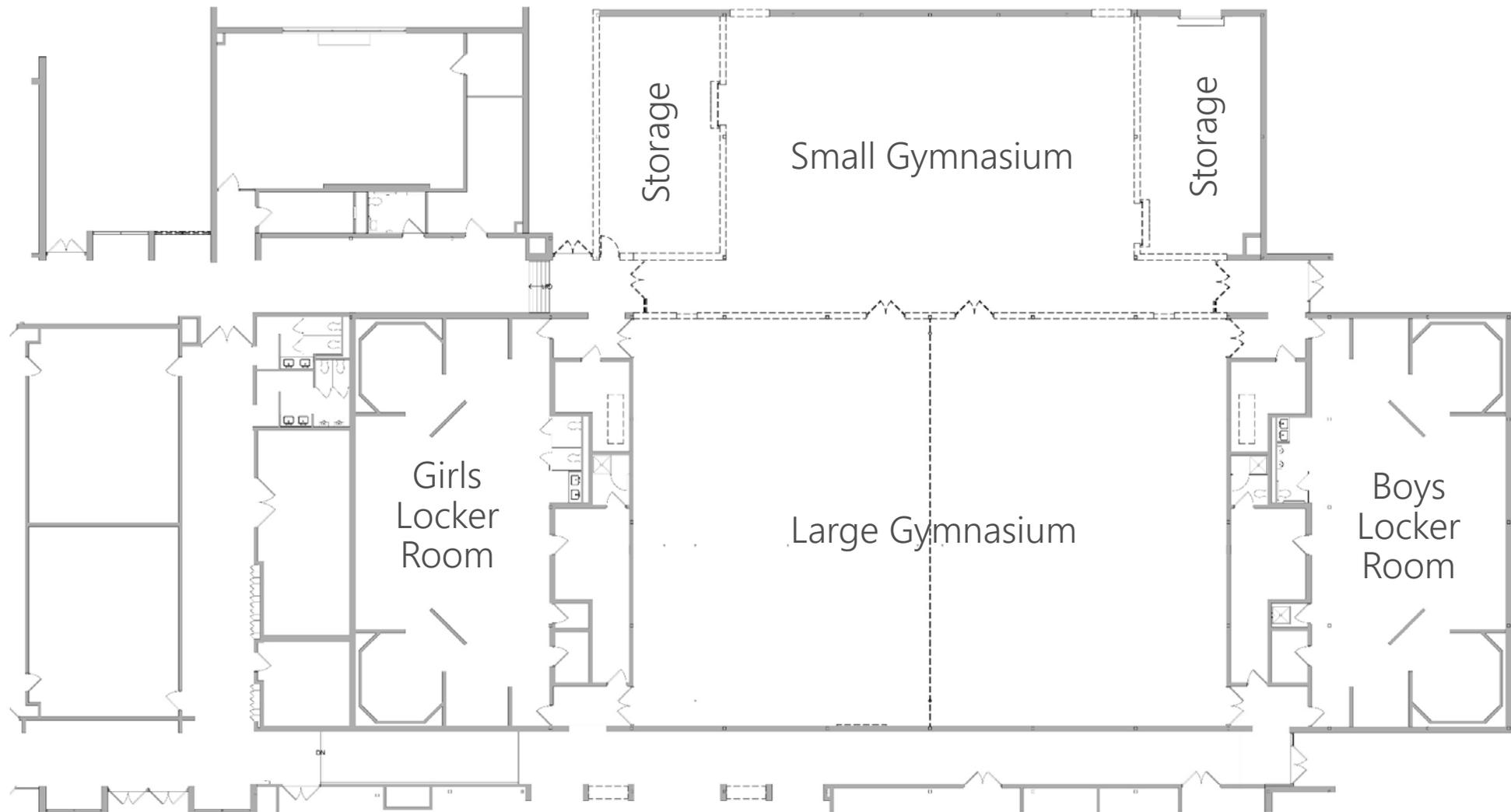


Existing

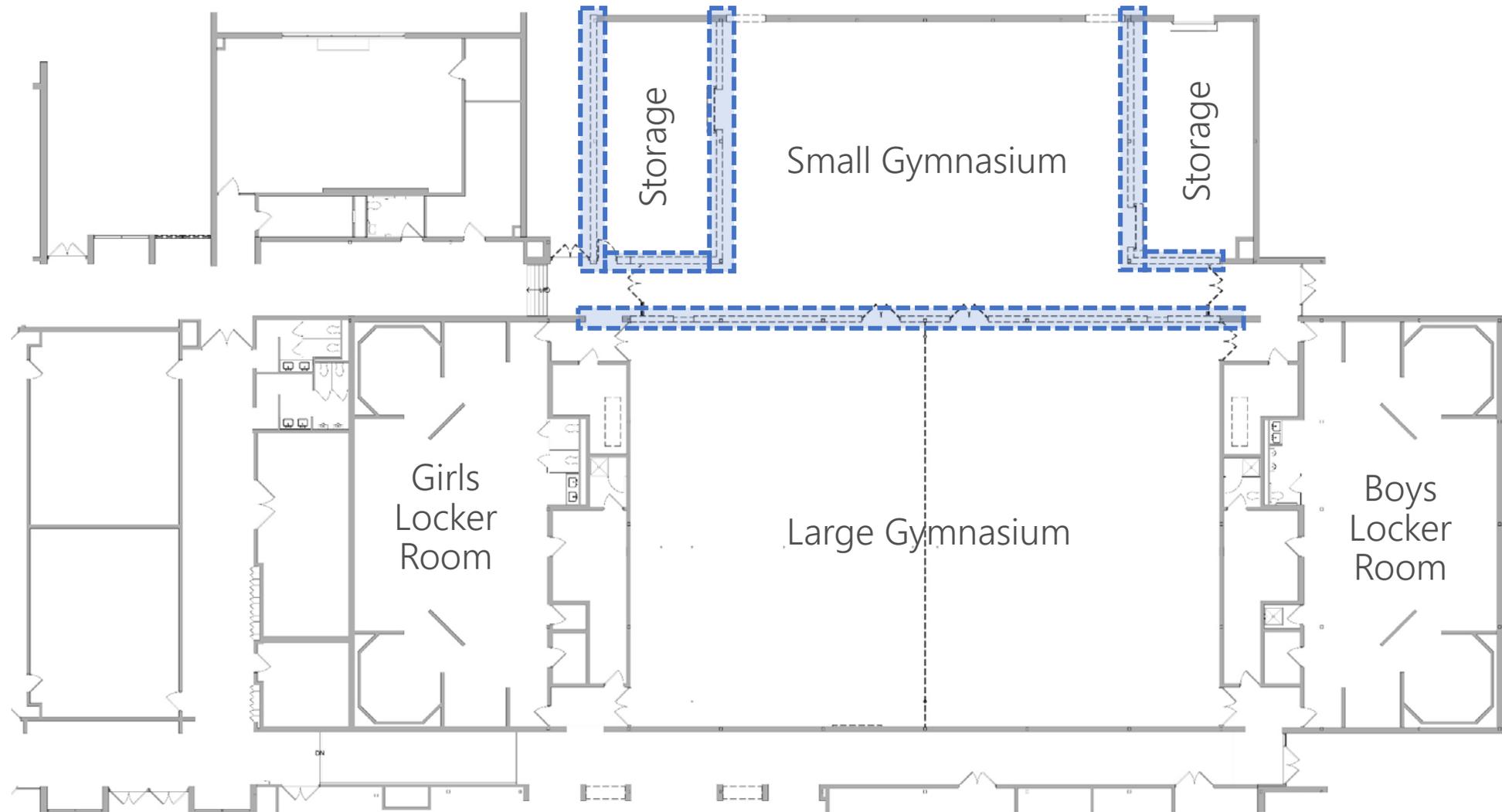


Proposed

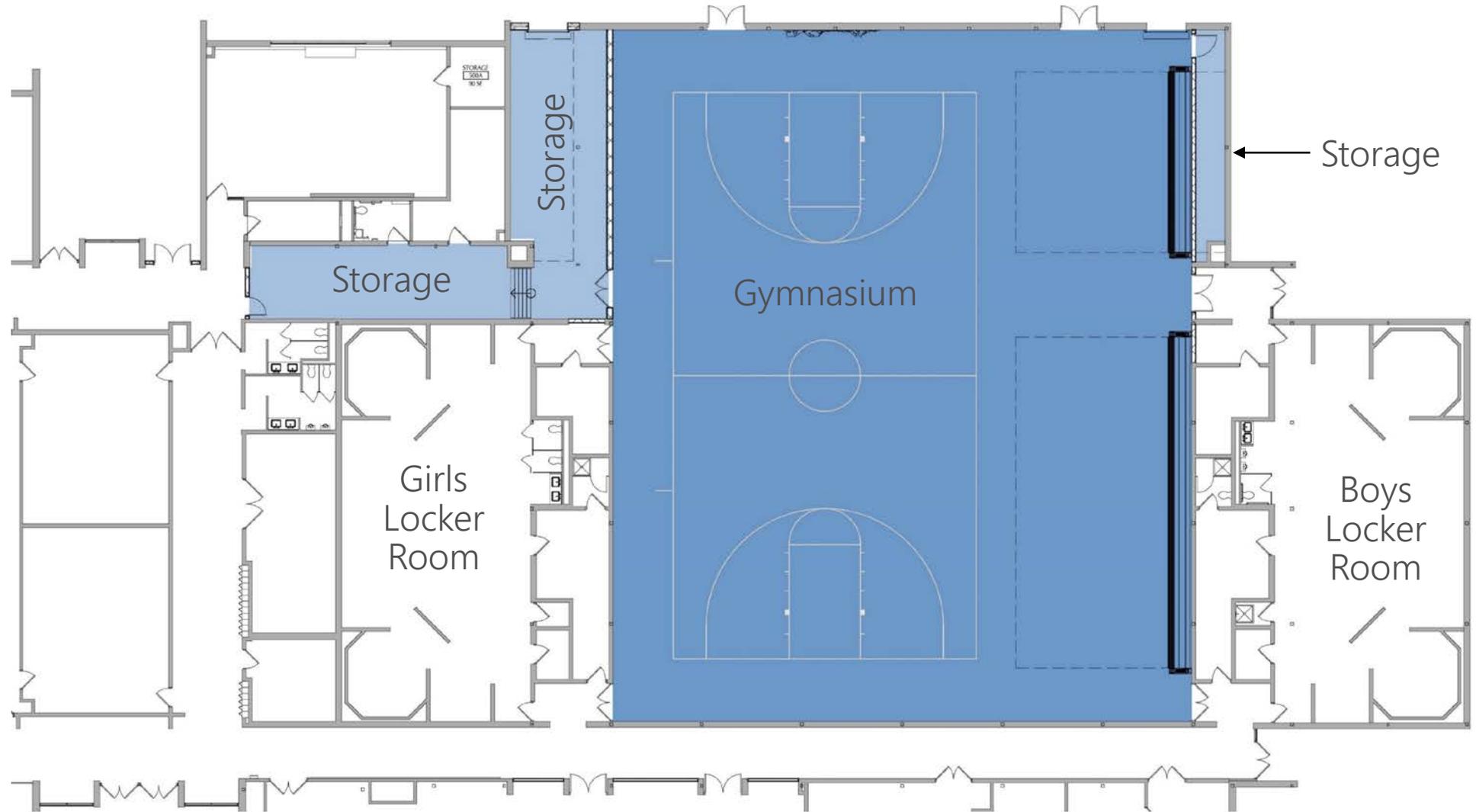
Gymnasium



Gymnasium

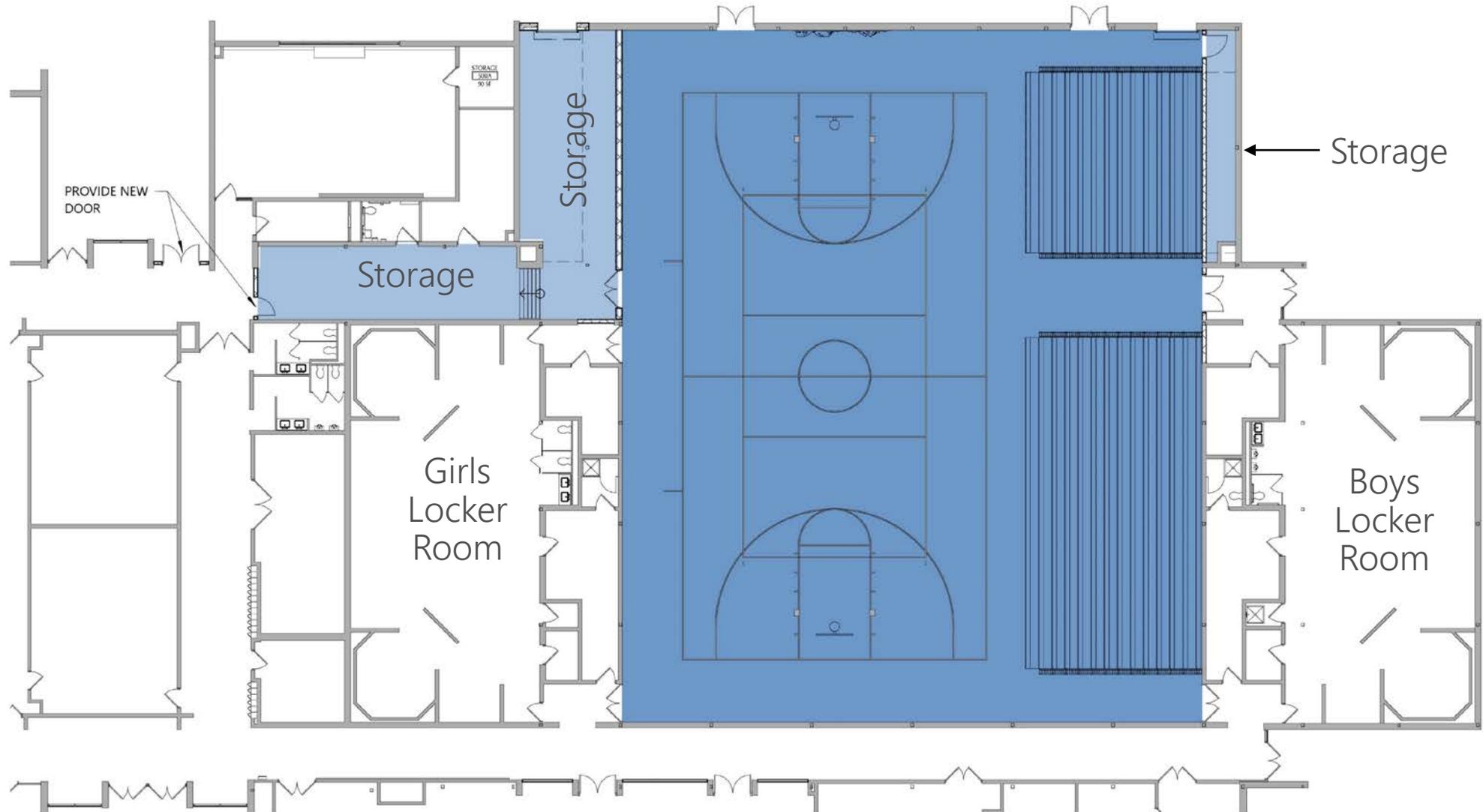


Gymnasium



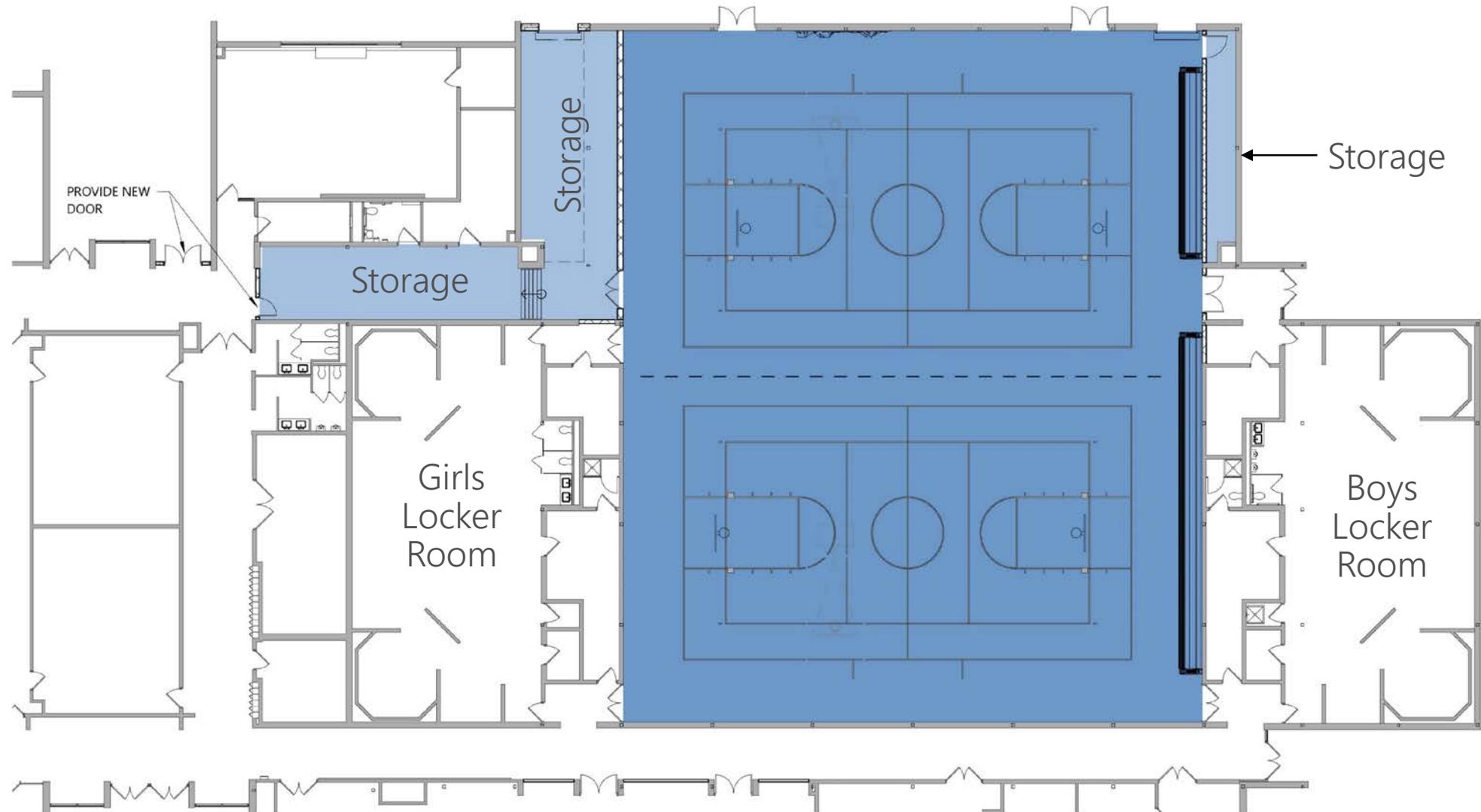
Gymnasium

Shown: Main court use,
Bleachers extended

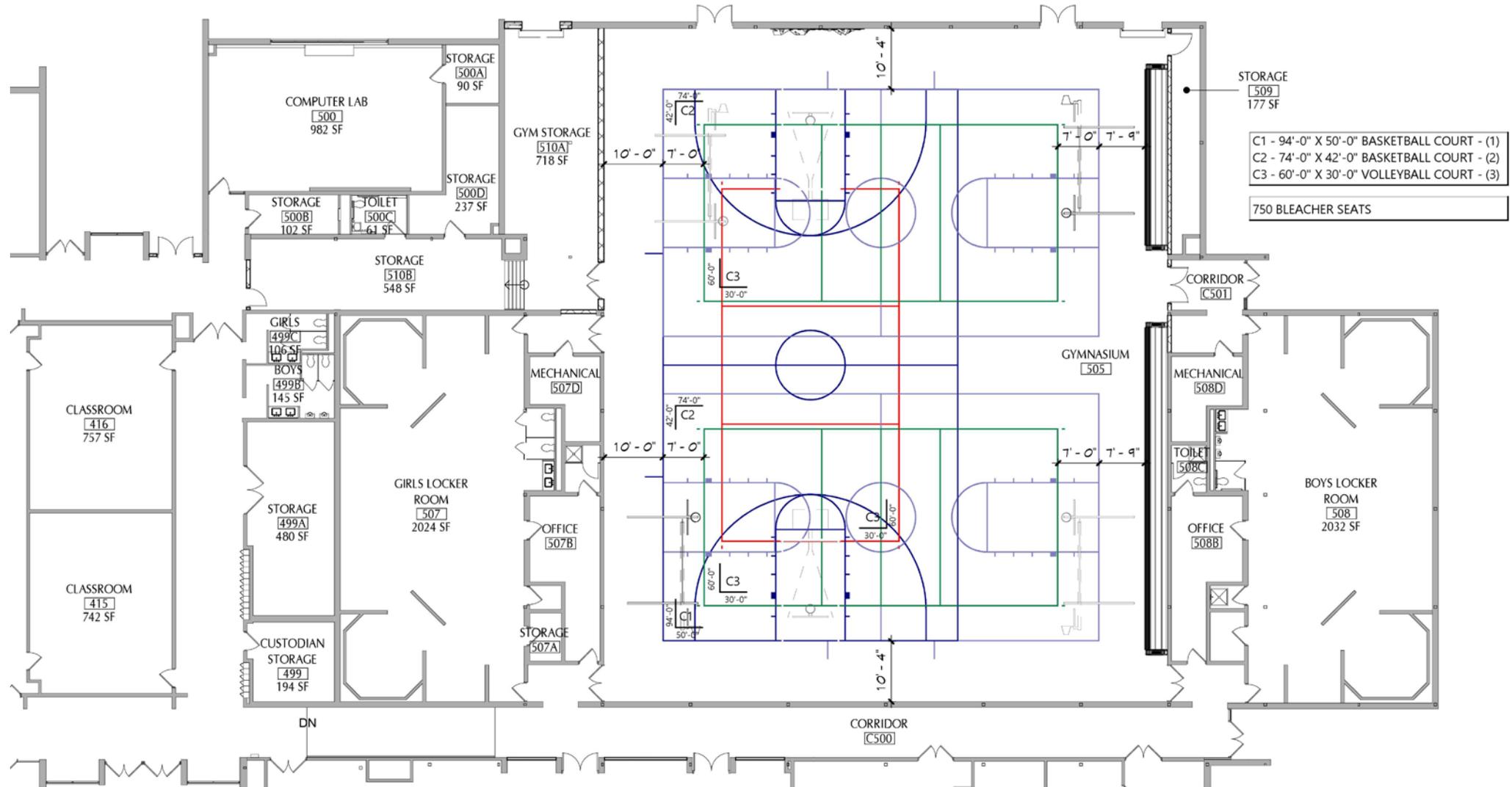


Gymnasium

Shown: Side court use,
Bleachers collapsed

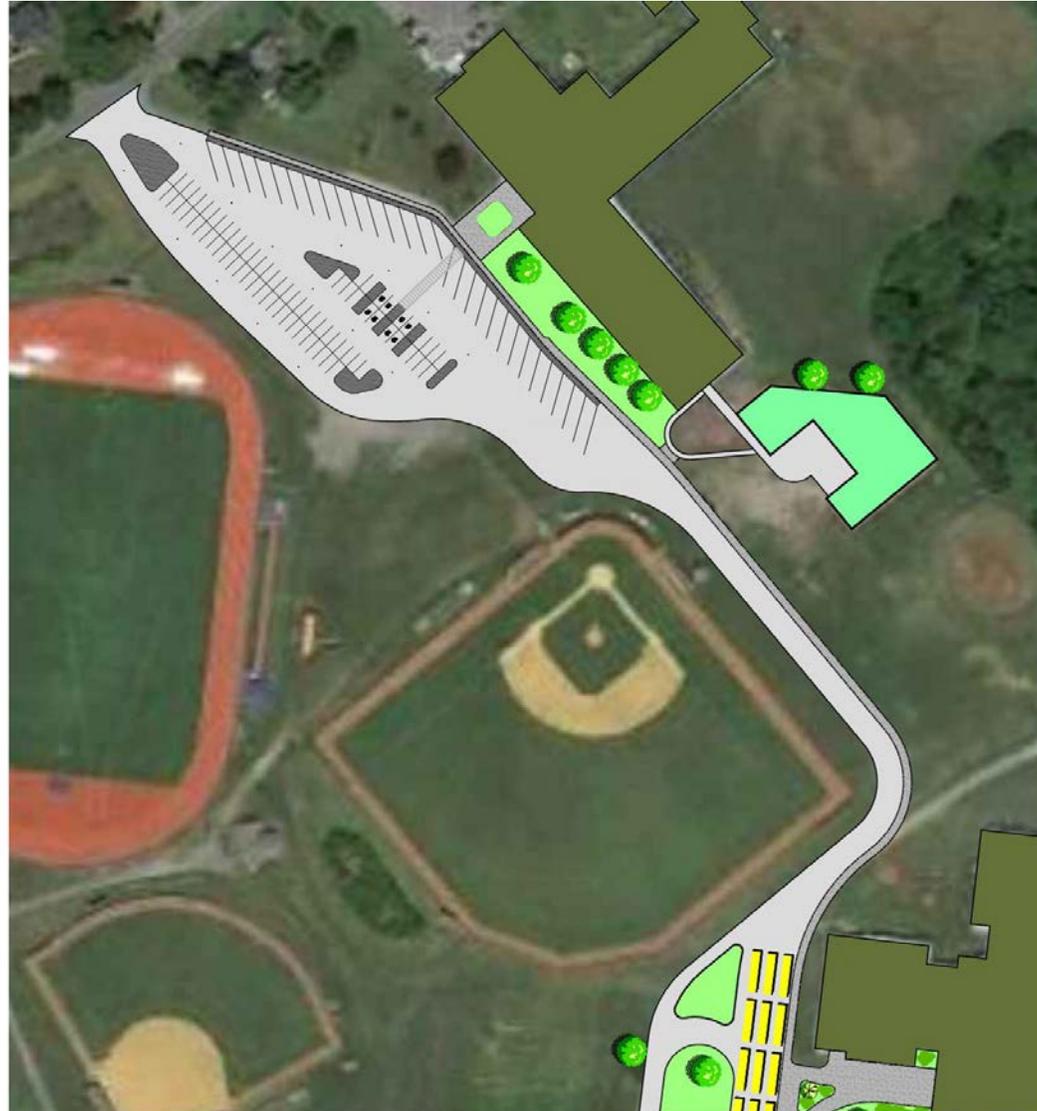


Gymnasium



Sitework- Connection Road

Area shown has been submitted to NYSED, with roof replacement at HS



Next Steps

Next Steps

- Schematic Design Phase
 - Submit SD Report
 - District to review and approve SD report
 - Turner to develop SD estimate
 - Design Development Phase
 - District to review and approve DD documents
 - Turner to develop DD estimate
 - Construction Documents Phase
 - Submit to NYSED (Third Party Review)
 - Turner to develop final estimate
 - Anticipated NYSED approval
- This week
Late May 2019
Early June 2019
May – August 2019
September 2019
September 2019
August – December 2019
December 2019
January 2020
April 2020

CSARCH