



Project Committee Meeting No. 2

February 16, 2022

BENTEN

ELEMENTARY



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Agenda:

1. Introduction
2. Status of Proposed Work
3. Next Steps

Benteen ES: Existing Building





2040 Building

2020 Building

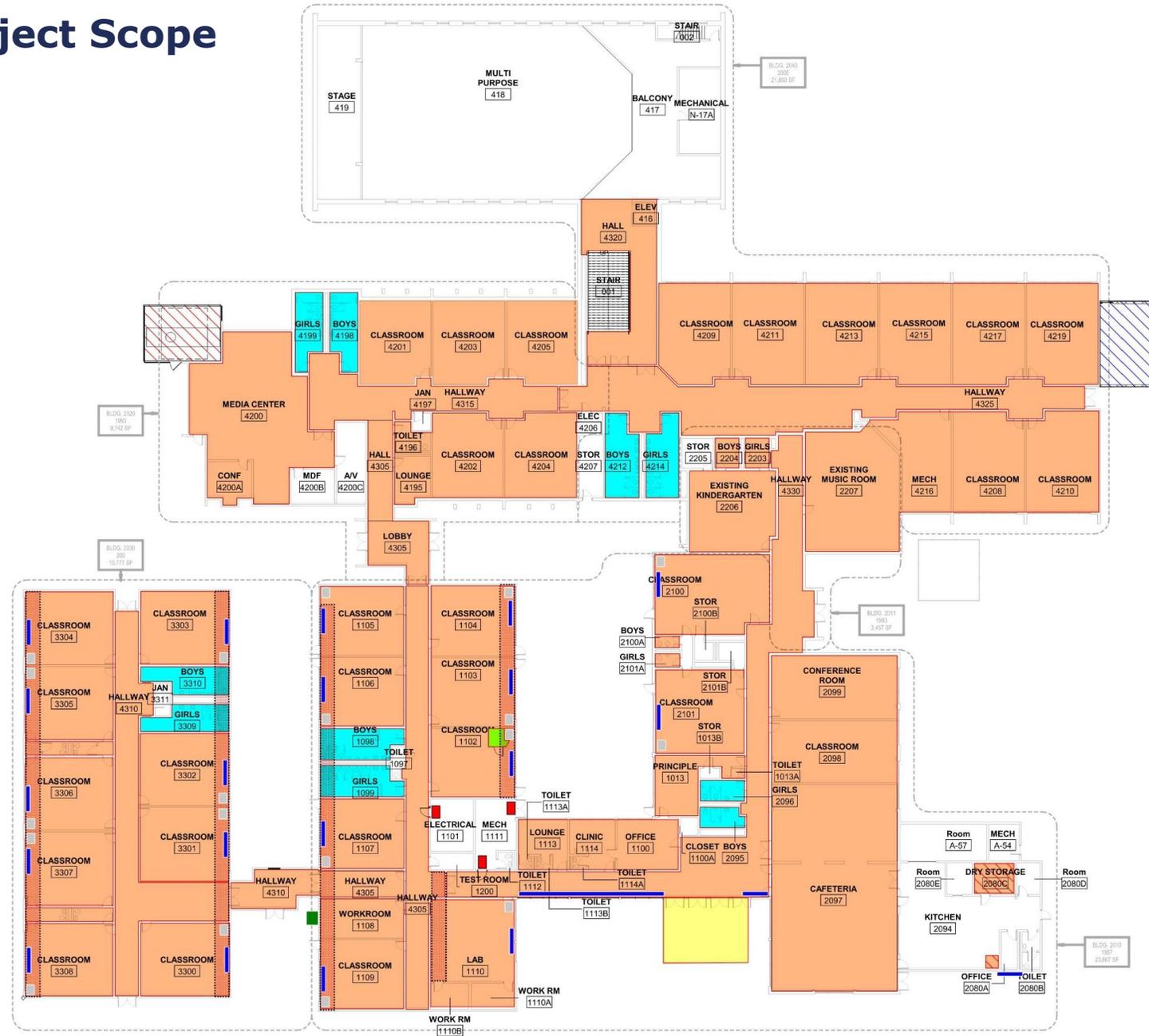
2030 Building

2010 Building

Current Project Scope:

1. HVAC Replacement (*entire building*)
2. Ceiling and Lighting Replacement (*entire building*)
3. New Finish work expanded throughout building
4. New Security Vestibule at the Front Entry
5. Reroofing (*2010 & 2030 buildings*)
6. Restroom Renovations
7. Various landscape work, includes new marquee sign
8. New sprinkler system (*entire building*)
9. New Electrical Service
10. New Low Voltage Systems (*Fire Alarm, Security, Intercom*)

Benteen ES: Project Scope



ARCHITECTURAL

- MASONRY WALL INFILL AT DEMOLISHED HVAC EQUIPMENT
- PATCH AND REPAIR WALL AND OR COLUMN. PAINT TO MATCH EXISTING.
- INSTALL PANIC HARDWARE ON EXISTING DOOR.
- PROVIDE INSULATED METAL STUD WALL ENCLOSURE AROUND EXISTING KILN.
- PROVIDE CHAIN LINK FENCE AROUND NEW OUTSIDE AIR UNIT. PROVIDE CORRUGATED METAL PANEL DUCTWORK ENCLOSURE TO PROTECT DUCTWORK.
- PROVIDE MASONRY SCREEN WALL AROUND NEW OUTSIDE AIR UNIT. PROVIDE CORRUGATED METAL PANEL DUCTWORK ENCLOSURE TO PROTECT DUCTWORK.
- PROVIDE METAL FRAMED GYPSUM SOFFIT.
- REPAIR WINDOW FRAME AND REPLACE WINDOW GLASS AT REMOVED HVAC EQUIPMENT. TYPICAL AT REMOVED HVAC EQUIPMENT.
- EXISTING GANG RESTROOM RENOVATIONS
 - REPLACE EXISTING FLOOR FINISH AND PROVIDE NEW EPOXY FLOOR COATING WITH INTEGRATED ANTI SLIP TRACTION GRIT.
 - REPLACE EXISTING PLUMBING FIXTURES ONE FOR ONE WITH NEW PLUMBING FIXTURES (MAINTAIN EXISTING FIXTURE MANUFACTURE).
 - REPLACE EXISTING LIGHTING FIXTURES WITH NEW LED LIGHTING FIXTURES (DOME STYLE WITH LITHONIA AS MANUFACTURER BOD).
 - REPLACE EXISTING PARTITIONS WITH NEW PARTITIONS.
- FLOORING REPLACEMENT AND CEILING REPLACEMENT
- NEW VESTIBULE
•NEW RECEPTION COUNTER TO BE INCLUDED IN THE VESTIBULE
- NEW MARQUEE SIGN
 - LED LIT
 - TWO SIDED
 - LOCATION TBD

Benteen ES: Project Scope

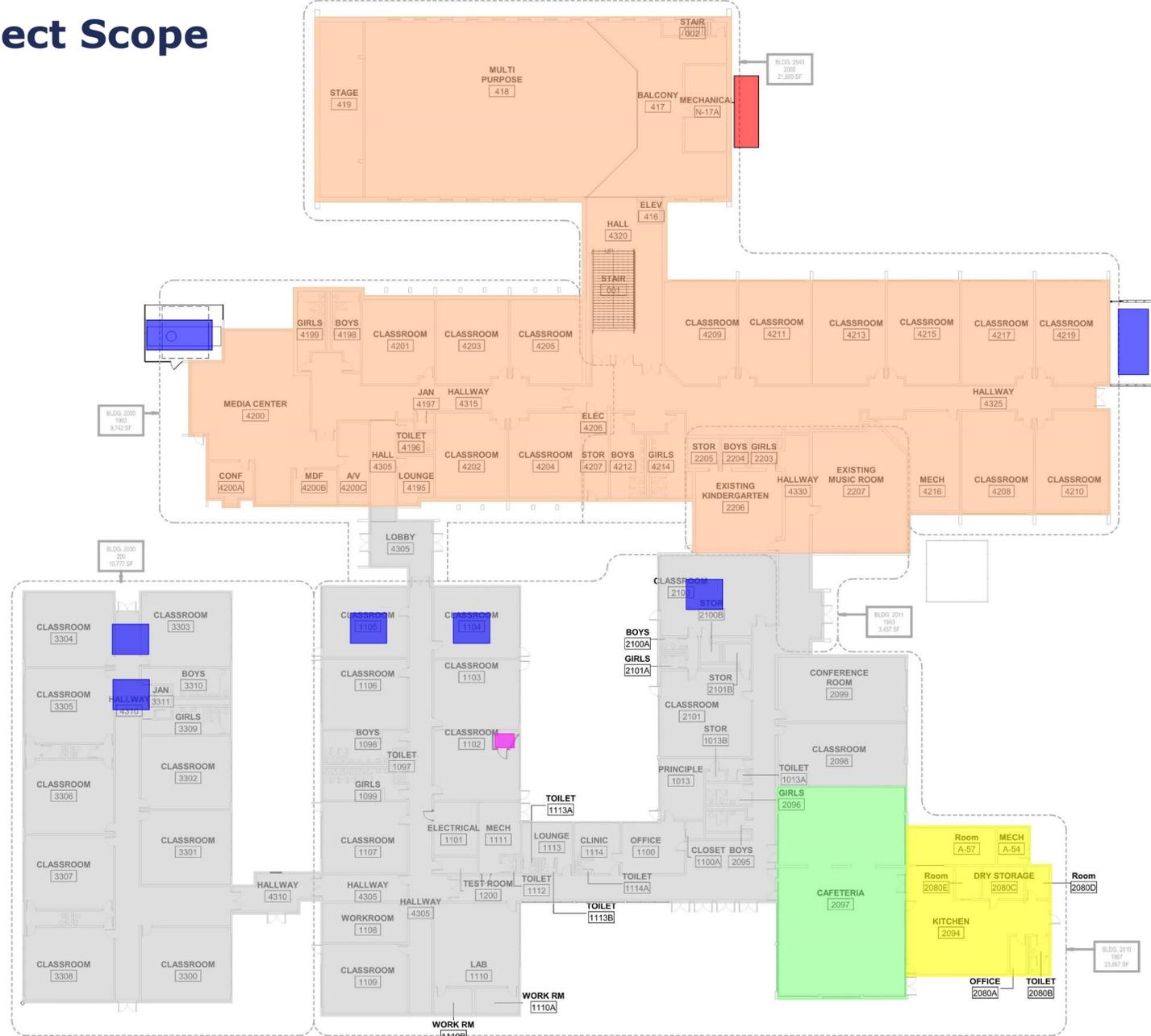


CIVIL	
	TREE TRIMMING OVER EXISTING STRUCTURE
	TREE REMOVAL
	NEW TIE-INS FOR ROOF DOWNSPOUTS AND REWORK OF EXISTING STORM INLETS TO ALLOW FOR ADEQUATE DRAINAGE
	NEW LANDSCAPING WORK
	NEW SITE UTILITY WORK

1 COMPOSITE PLAN - LEVEL 1
1/16" = 1'-0"



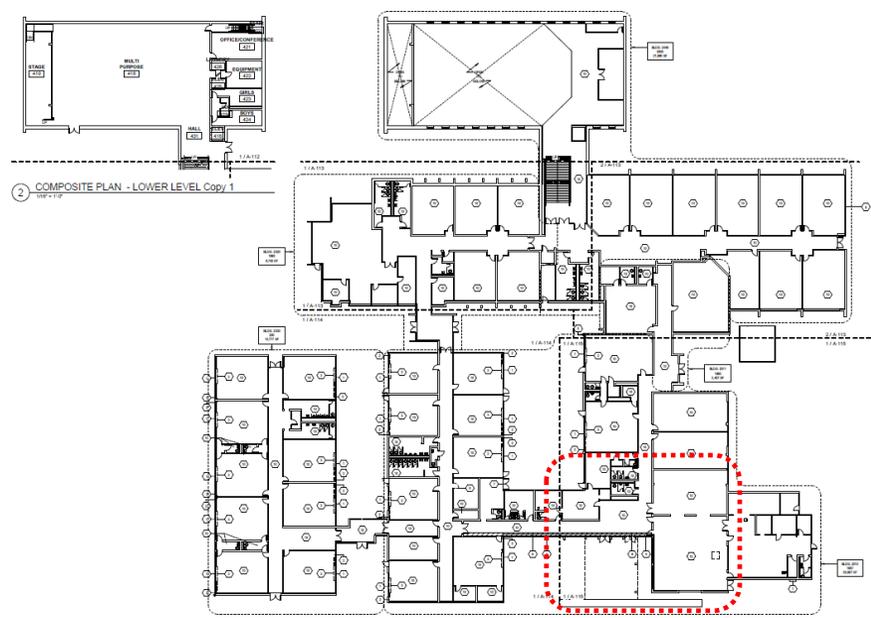
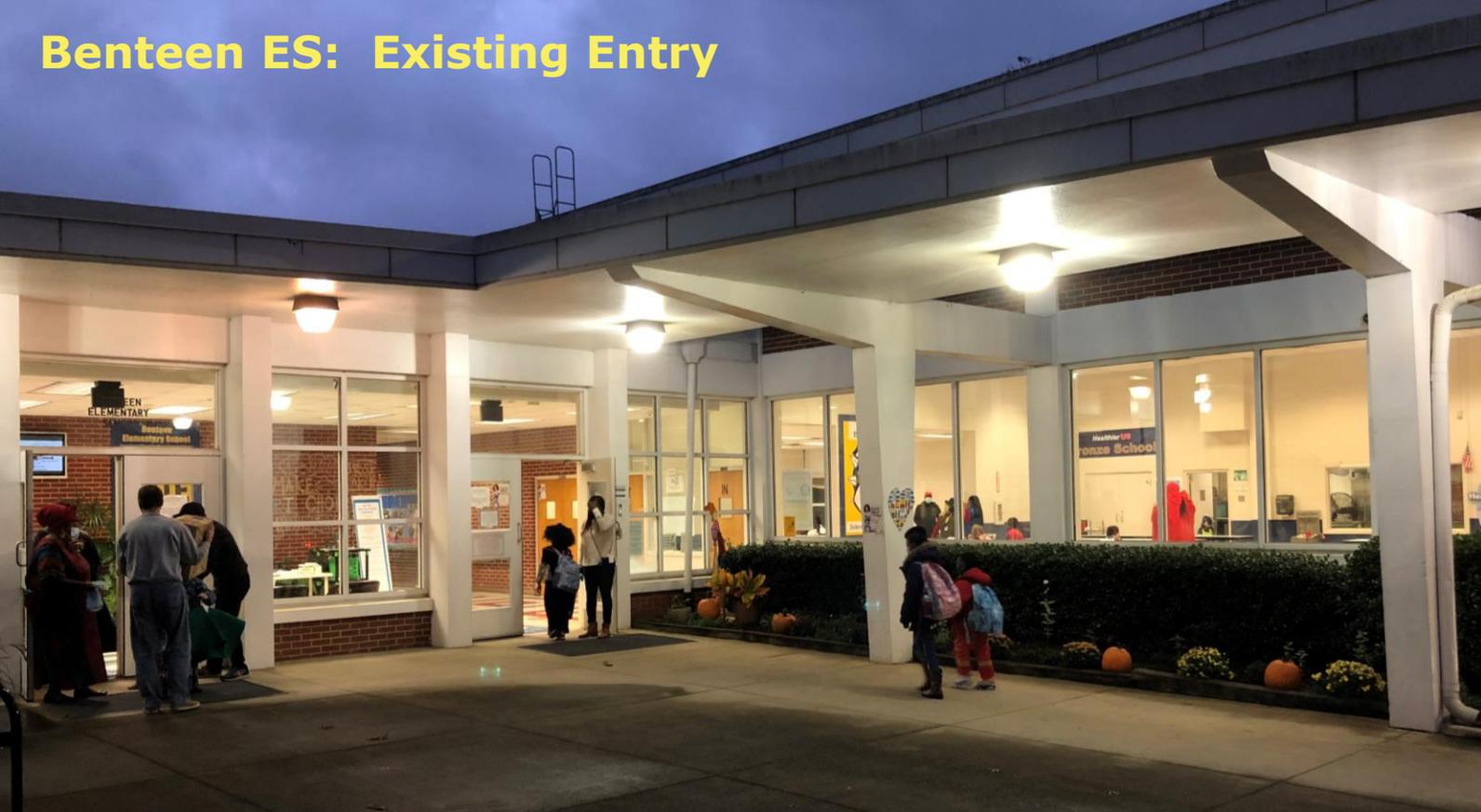
Benteen ES: Project Scope



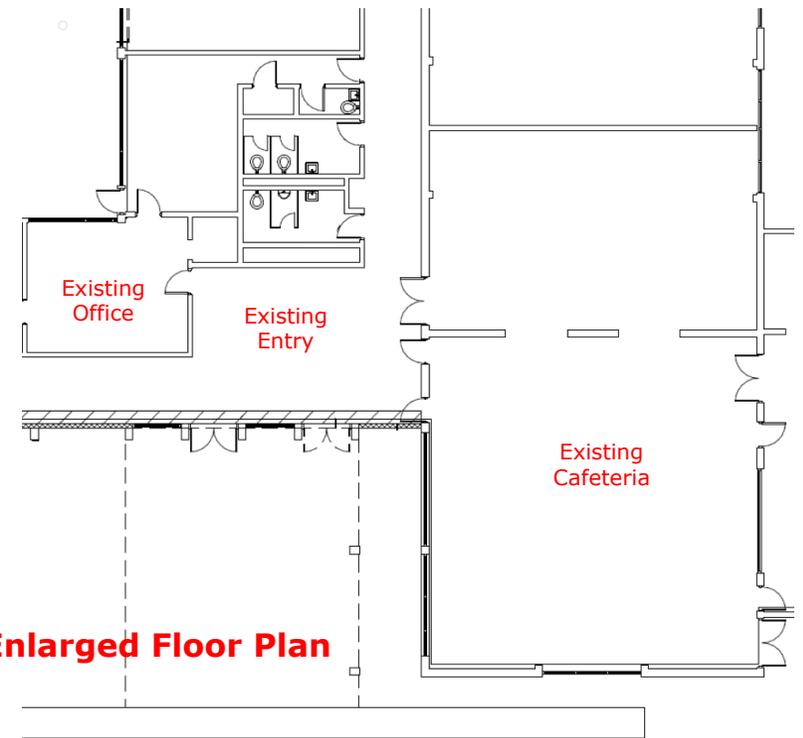
- ## MECHANICAL
- INSTALL NEW 100% OUTDOOR AIR UNITS ON ROOF AND ON GRADE. UNITS ON GRADE SHALL BE LOCATED ON STRUCTURAL SUPPORTS. EACH OUTDOOR AIR UNIT SHALL INCLUDE AIR DISTRIBUTION SYSTEM OF DUCT AND GRILLES TO SPACES SERVED. INSTALL NEW CONTROLS. BASIS OF DESIGN SHALL BE DAIKIN DPS UNITS AND SHALL BE PER LATEST APS GUIDE SPECIFICATIONS.
 - DEMOLISH EXISTING UNIT VENTILATORS, AIR HANDLERS, AND ASSOCIATED HOT WATER SYSTEM AND CONTROLS. DEMOLISH EXISTING HEATERS AND EXHAUST FANS. INSTALL NEW VARIABLE REFRIGERANT (VRF) SYSTEM WITH CEILING CASSETTES AND ROOF MOUNTED HEAT RECOVERY UNITS. INSTALL NEW EXHAUST FANS AND HEATERS. INSTALL NEW CONTROLS. BASIS OF DESIGN SHALL BE DAIKIN UNITS AND SHALL BE PER LATEST APS GUIDE SPECIFICATIONS.
 - DEMOLISH EXISTING AIR HANDLERS, AND ASSOCIATED HOT WATER SYSTEM AND CONTROLS. INSTALL NEW ROOF MOUNTED UNITS (RTU). EACH RTU SHALL INCLUDE AIR DISTRIBUTION SYSTEM OF DUCT AND GRILLES TO SPACES SERVED. INSTALL NEW CONTROLS. BASIS OF DESIGN SHALL BE DAIKIN DPS UNITS AND SHALL BE PER LATEST APS GUIDE SPECIFICATIONS.
 - DEMOLISH EXISTING UNIT HEATER, THRU-WALL UNIT, AND ASSOCIATED CONTROLS. DEMOLISH EXISTING HEATERS AND EXHAUST FANS. INSTALL NEW ROOF MOUNTED UNIT (RTU) WITH ASSOCIATED AIR DISTRIBUTION SYSTEM. INSTALL NEW EXHAUST FANS AND HEATERS. INSTALL NEW DUCTLESS SPLIT SYSTEMS (DS) IN DRY STORAGE AND KITCHEN OFFICE. INSTALL NEW KITCHEN HOOD, UTILITY DISTRIBUTION SYSTEM (UDS), AND ASSOCIATED ROOF FAN PACKAGE. INSTALL NEW CONTROLS. BASIS OF DESIGN SHALL BE DAIKIN DPS UNITS AND SHALL BE PER LATEST APS GUIDE SPECIFICATIONS.
 - DEMOLISH EXISTING WATER SOURCE HEAT PUMP (WHP) SYSTEM INCLUDING CENTRAL PLANT EQUIPMENT (PUMPS, BOILERS, COOLING TOWER, HEAT EXCHANGER, ETC.) AND ASSOCIATED PIPING AND CONTROLS. DEMOLISH EXISTING HEATERS AND EXHAUST FANS. INSTALL NEW VARIABLE REFRIGERANT (VRF) SYSTEM WITH CEILING CASSETTES, AIR HANDLERS IN GYM, AND ROOF MOUNTED HEAT RECOVERY UNITS. INSTALL NEW EXHAUST FANS AND HEATERS. INSTALL NEW CONTROLS. BASIS OF DESIGN SHALL BE DAIKIN UNITS AND SHALL BE PER LATEST APS GUIDE SPECIFICATIONS.
 - VRF HEAT RECOVERY UNITS SERVING THE GYM SHALL BE PAD MOUNTED ON STRUCTURAL SUPPORTS.
 - EXISTING KILN SHALL BE PROVIDE WITH NEW KILN HOOD EXHAUST SYSTEM.



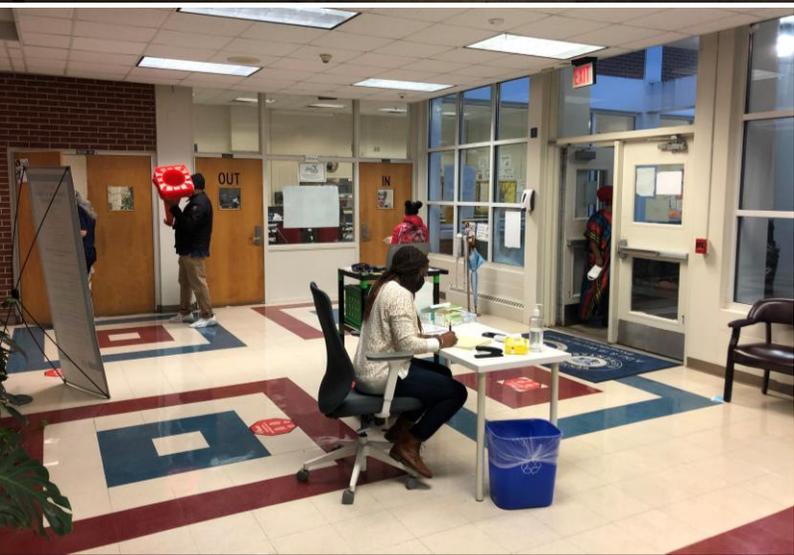
Benteen ES: Existing Entry



Overall Floor Plan



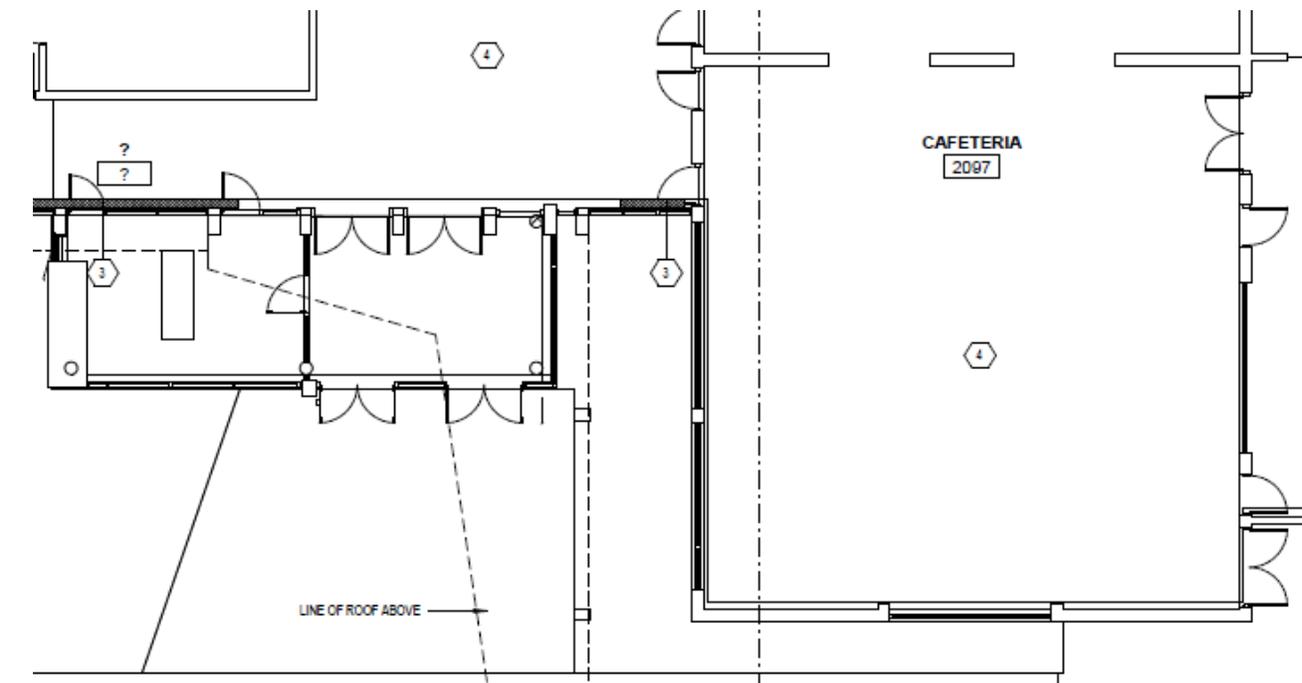
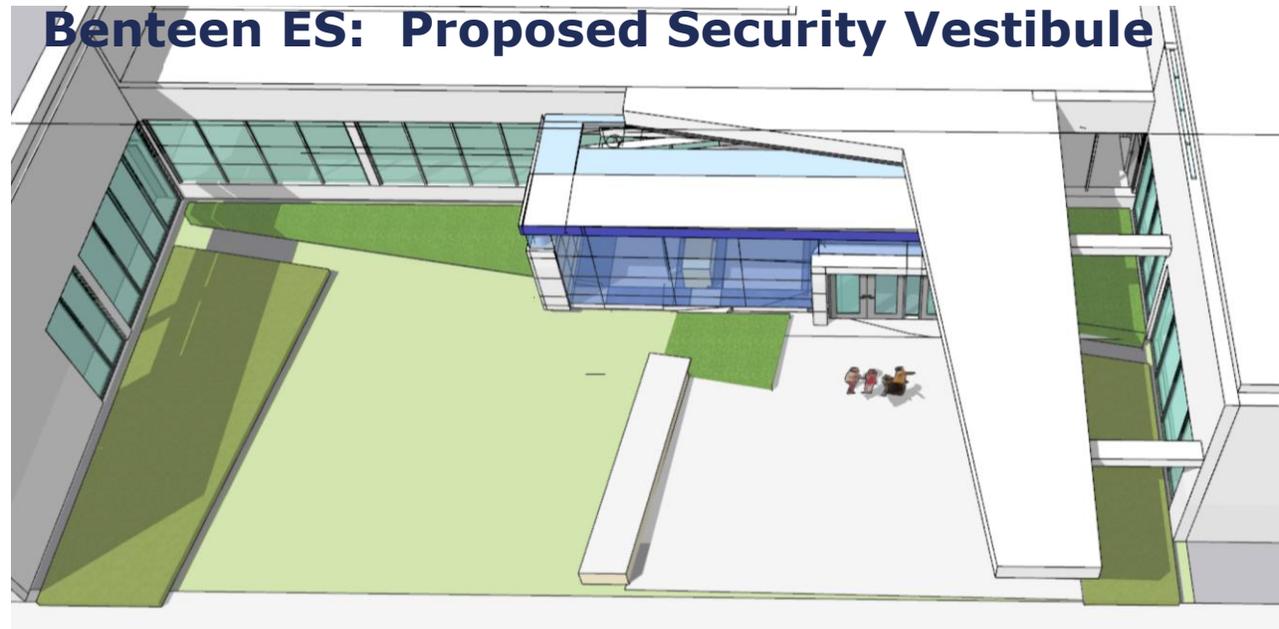
Enlarged Floor Plan



Benteen ES: Proposed Security Vestibule



Benteen ES: Proposed Security Vestibule



Next Steps:



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