

1 Vintage Floor Plan
1/64" = 1'-0"

Code Compliance Review

PROJECT LOCATION:
101 MATTEAWAN RD, BEACON, NY 12508
BOUNDED BY MATTEAWAN RD TO THE SOUTH

PROJECT DESCRIPTION:
THIS PROJECT INCLUDES RENOVATION OF APPROXIMATELY 13,025 SF OF SPACE ON THE FIRST AND SECOND FLOOR.

WORK GENERALLY CONSISTS OF THE FOLLOWING:
ALTERATIONS - LEVEL 1
• ADA ACCESS RAMP FOR SIDEWALK
• RESURFACE TRACK, LONG JUMP, POLE VAULT, JAVELIN
• REPLACE PAD AND FENCING AT DISCUS/SHOT PUT
• REHABILITATION OF ATHLETIC FIELD

ALTERATIONS - LEVEL 2
• UPDATE TV STUDIO LEARNING SPACE
• UPDATE SCIENCE AREA
• MEZZANINE IN FITNESS AREA
• NEW SAND PITTS

APPLICABLE CODES (AND STANDARDS):
BASED ON THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE INCLUDING APPLICABLE 2018 ICC CODES AND 2020 BUILDING CODES OF NYS, AND ICC A117.1-2017 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES.

REFER TO PROJECT MANUAL FOR REQUIREMENTS STATED IN 'NYCRR 155 REGULATIONS OF THE COMMISSIONER OF EDUCATION'.

BUILDING DATA:
BUILDING: BEACON CITY HIGH SCHOOL
101 MATTEAWAN RD,
BEACON, NY 12508

DESCRIPTION: TWO STORY MASONRY AND REINFORCED
CONCRETE BUILDING.

YEAR BUILT: 1999 - DODGE CHAMBERLIN LUZINE WEBER ASSOCIATES ARCHITECTS

BUILDING AREA: 1ST FLOOR 152,300 SQFT
2ND FLOOR 55,700 SQFT
TOTAL GROSS AREA= 208,000 SQFT

CODE DATA SUMMARY:
USE GROUP: E - EDUCATION
CONSTRUCTION TYPE -
EXISTING: IIB

FIRE SAFETY: PARTIALLY EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM AND FIRE HOSE STATIONS. REFER TO BUILDING AREA DATA BELOW FOR SPECIFIC AREAS PROVIDED.

WORK AREA:	LOCATION	AREA	% OF TOTAL
	1ST FLOOR	2,794 SQFT	1.8%
	2ND FLOOR	1,816 SQFT	2.9%

CORRIDOR DOORS: ALL CORRIDOR DOORS SCHEDULED TO BE REPLACED SHALL HAVE MINIMUM FIRE DOOR ASSEMBLY RATING OF 20 MINUTES IN ACCORDANCE WITH SECTION 716.5

PATH OF CODE COMPLIANCE:
2018 IBC CODES AND 2020 EXISTING BUILDING CODE OF NYS
301.1.2 WORK AREA COMPLIANCE METHOD

CHAPTER 5 - CLASSIFICATION OF WORK
503 ALTERATION - LEVEL 1 (CHAPTER 7)
504 ALTERATION - LEVEL 2 (CHAPTER 8)

NEW CONSTRUCTION WILL COMPLY WITH REQUIREMENTS OF 2018 ICC CODES AND 2020 BUILDING CODES OF NYS

ACCESSIBLE ROUTE AND ACCESSIBLE ENTRANCES:
FOR EXTERIOR ACCESSIBLE ROUTE AND ACCESSIBLE ENTRANCES - SEE FG300.

EXIT TRAVEL DISTANCE (PER TABLE 1017.2):
FOR EXIT TRAVEL DISTANCE - SEE FG351.

STAIR AND OTHER EXIT WIDTH CALCULATIONS (PER 1005.3.1 AND 1005.3.2):
FOR EXIT TRAVEL DISTANCE - SEE FG351.

CORRIDOR ENCLOSURES (PER TABLE 1020.1):
FOR CORRIDOR FIRE RESISTANCE - SEE ENLARGED PLANS, PARTITION TYPES AND DOOR SCHEDULE.
ALL CROSS CORRIDOR PARTITIONS ARE SMOKE PARTITIONS AND EXTEND FROM FINISH FLOOR TO DECK ABOVE.

UL DESIGN NUMBERS:

BEAMS	UL# S721
BAR JOISTS	UL# D902
COMPOSITE SLAB	UL# D902
COLUMNS	UL# X528
1 HR. STUD PARTITIONS	UL# U465
1 HR. BLOCK PARTITIONS	UL# U905
2 HR. BLOCK PARTITIONS	UL# U905

NOTES:
1. RATING PROVIDED BY 4" SOLID CONCRETE MASONRY UNITS - DETERMINATION OF EQUIVALENT THICKNESS OF CMU REQUIRED IS BASED ON SECTION 721 PRESCRIPTIVE FIRE RESISTANCE TABLE 721.1 (2) RATED FIRE RESISTANCE PERIODS FOR VARIOUS WALLS AND PARTITIONS, ITEM NUMBER 3-1.2

2. ALL CMU CONSTRUCTION SHALL MEET FIRE RESISTANCE REQUIREMENTS INDICATED IN CHART OF SAME NAME ABOVE. BLOCK TYPE AS REQUIRED TO COMPLY WITH UL DESIGN NUMBERS AND AS REQUIRED TO COMPLY WITH RATED WALLS INDICATED ON CODE COMPLIANCE DRAWINGS. PROVIDE MINIMUM 4" SOLID CMU AT SUCH LOCATIONS REGARDLESS IF NOTED AS SUCH ON PLAN DETAILS.

INTERIOR FINISH REQUIREMENTS:

ALL FINISHES IN CORRIDORS AND ASSEMBLY SPACES SHALL HAVE A FIRE HAZARD CLASSIFICATION PER MANUAL OF PLANNING STANDARDS SECTION S202.2, a THROUGH e.
(DELETE IF NOT A SCHOOL PROJECT)

RESCUE LABEL / SIGNAGE NOTES:

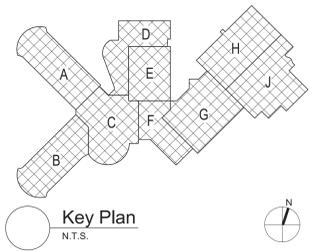
- REFER TO PLANS FOR RESCUE WINDOW LOCATIONS.
 - REFER TO SIGNAGE SPECIFICATION AND SIGNAGE DRAWINGS FOR TYPES AND LOCATIONS.
- PROVIDE MAX OCCUPANCY SIGNS FOR THE FOLLOWING:
- | ROOM NAME | OCCUPANCY |
|----------------|-----------|
| FITNESS CENTER | 110 |
- SIGNAGE FOR BAR JOIST
SIGNAGE FOR AED'S
REFER TO SPECIFICATION SECTION 10 14 00 AND SIGNAGE DRAWINGS FOR TYPES AND LOCATIONS.

General Code Notes

- REFER TO CODE COMPLIANCE DRAWINGS FOR ADDITIONAL CODE COMPLIANCE INFORMATION.
- COORDINATE WITH FLOOR PLANS, WALL SECTIONS AND PARTITION TYPES FOR RATED WALL TYPES AND LOCATIONS. IMMEDIATELY NOTIFY ARCHITECT OF ANY WALL RATING DISCREPANCIES BETWEEN FG351 AND FG352 DRAWINGS AND FLOOR PLANS.
- ALL WALLS, INCLUDING AT CORRIDORS, SHALL EXTEND COMPLETELY TO THE UNDERSIDE OF DECKING, SUPPORTING STRUCTURE OR ROOF ABOVE, TYPICAL UNLESS NOTED OTHERWISE.
- AT AREAS OF PROJECT WORK, COMPLETELY SEAL ALL PENETRATIONS REQUIRED TO COMPLY WITH FIRE RESISTANCE RATINGS IDENTIFIED ON FG351 AND FG352, REGARDLESS IF WALL IS NEW OR EXISTING, TYPICAL UNLESS NOTED OTHERWISE.
- PROVIDE APPLIED FIREPROOFING TO ALL BEAMS, JOISTS AND STRUCTURAL STEEL ELEMENTS AT ALL FIRE BARRIERS, FIRE PARTITIONS, AND OTHER RATED WALLS WHERE INDICATED ON DRAWINGS, AND THAT ARE NOT COMPLETELY PROTECTED WITHIN THE RATED CONSTRUCTION. PROTECTION OF SUCH ELEMENTS SHALL MATCH THE RATING OF THE WALL THAT THE ELEMENTS ARE CONTAINED WITHIN.
- ALL CMU CONSTRUCTION SHALL MEET FIRE RESISTANCE REQUIREMENTS INDICATED. PROVIDED BLOCK TYPE AS REQUIRED TO COMPLY WITH UL DESIGN NUMBERS AND WALL RATINGS INDICATED, REGARDLESS IF NOTED AS SUCH ON PLAN DETAILS.

General Notes

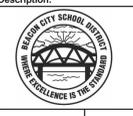
- DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS.
- TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.
- REFER INCONSISTENCIES TO ARCHITECT PRIOR TO COMMENCING THE WORK IN AFFECTED AREA.
- ITEMS ARE SHOWN DIAGRAMMATICALLY ON DRAWINGS. VERIFY SPACE REQUIREMENTS AND DIMENSIONS TO FIT THE WORK PROPERLY.
- NOTES SHOWN ON ONE DRAWING APPLY TO ALL SIMILAR DRAWINGS.
- DO NOT DISTURB CONSTRUCTION SUSPECTED OF CONTAINING HAZARDOUS MATERIAL. IF ENCOUNTERED, IMMEDIATELY NOTIFY ARCHITECT, CONSTRUCTION MANAGER AND OWNER.



Key Plan
N.T.S.

S.E.D. Control No. 13-02-00-01-0-020-012

Rev. No.:	Date:	Description:



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BID SET

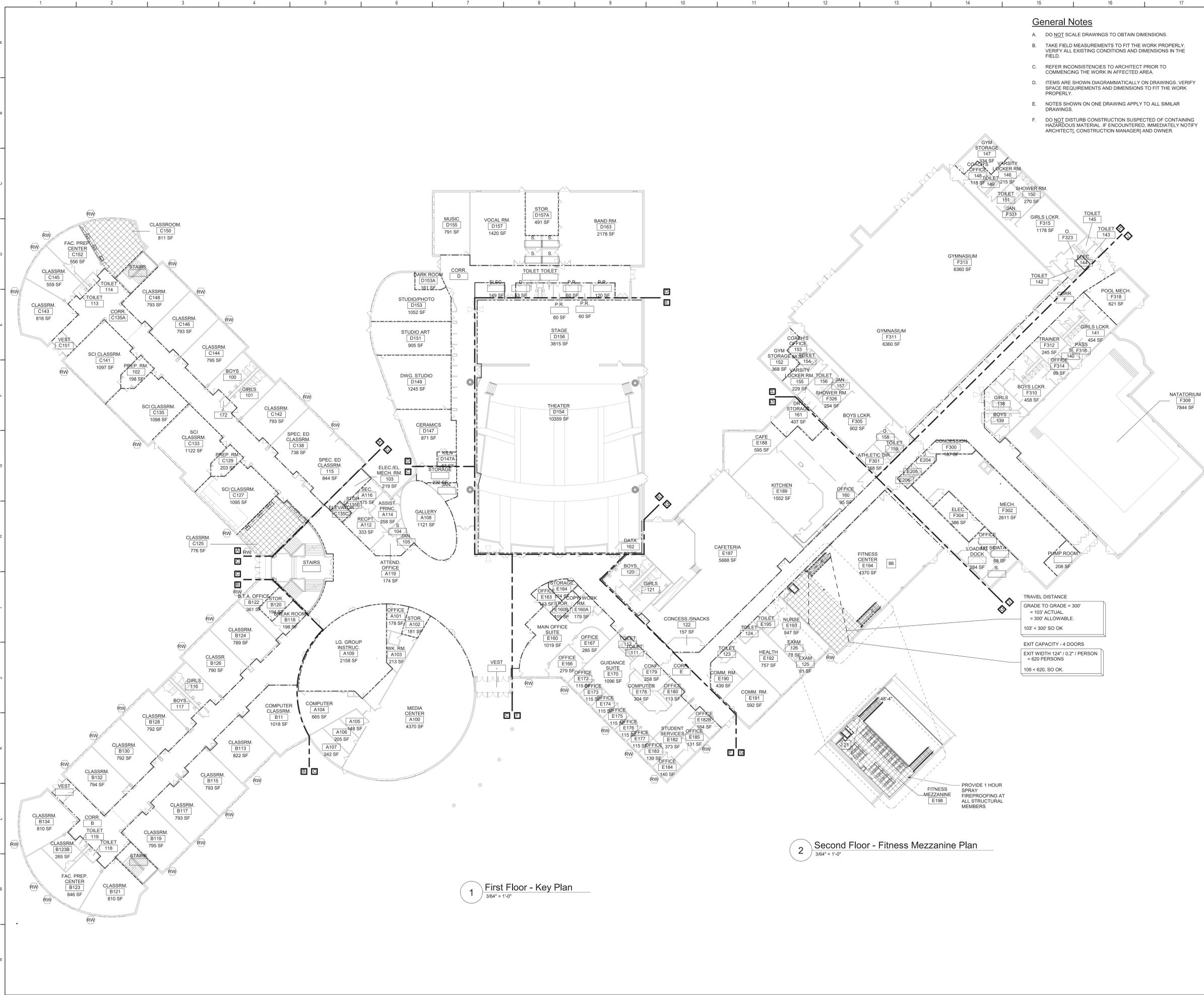


Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

Code Compliance Review

Drawn By: TLG	Date: 10/28/2022	Drawing Number: FG350
Project No.:		279180-22004



General Notes

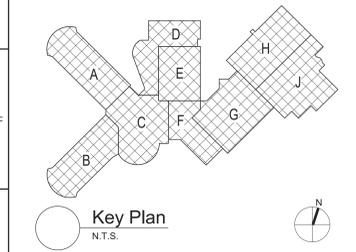
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- E. PROVIDE APPLIED FIREPROOFING TO ALL BEAMS, JOISTS AND STRUCTURAL STEEL ELEMENTS AT ALL FIRE BARRIERS, FIRE PARTITIONS, AND OTHER RATED WALLS WHERE INDICATED ON DRAWINGS, AND THAT ARE NOT COMPLETELY PROTECTED WITHIN THE RATED CONSTRUCTION. PROTECTION OF SUCH ELEMENTS SHALL MATCH THE RATING OF THE WALL THAT THE ELEMENTS ARE CONTAINED WITHIN.
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Legend

- 2-HOUR FIRE BARRIER
- - - 1-HOUR FIRE BARRIER
- - - 1-HOUR FIRE PARTITION
- COMMON EGRESS PATH
- XX NUMBER OF OCCUPANTS IN EACH SPACE, UNO
- (XX) NUMBER OF OCCUPANTS ALONG EGRESS PATH
- XX'-XX" TOTAL EGRESS DISTANCE PER PATH
- ⊕ EXISTING FIRE EXTINGUISHER LOCATION
- ⊕ AUTOMATED EXTERNAL DEFIBRILLATOR (AED)
- RW RESCUE WINDOW
- ⊕ FIRE HOSE CABINET
- ▨ ALTERATION LEVEL 1 WORK AREA
- ▨ ALTERATION LEVEL 2 WORK AREA



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Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

Code Compliance First Floor Key Plan

Drawn By: TLG	Date: 10/28/2022	Drawing Number: FG351
Project No.:	279180-22004	

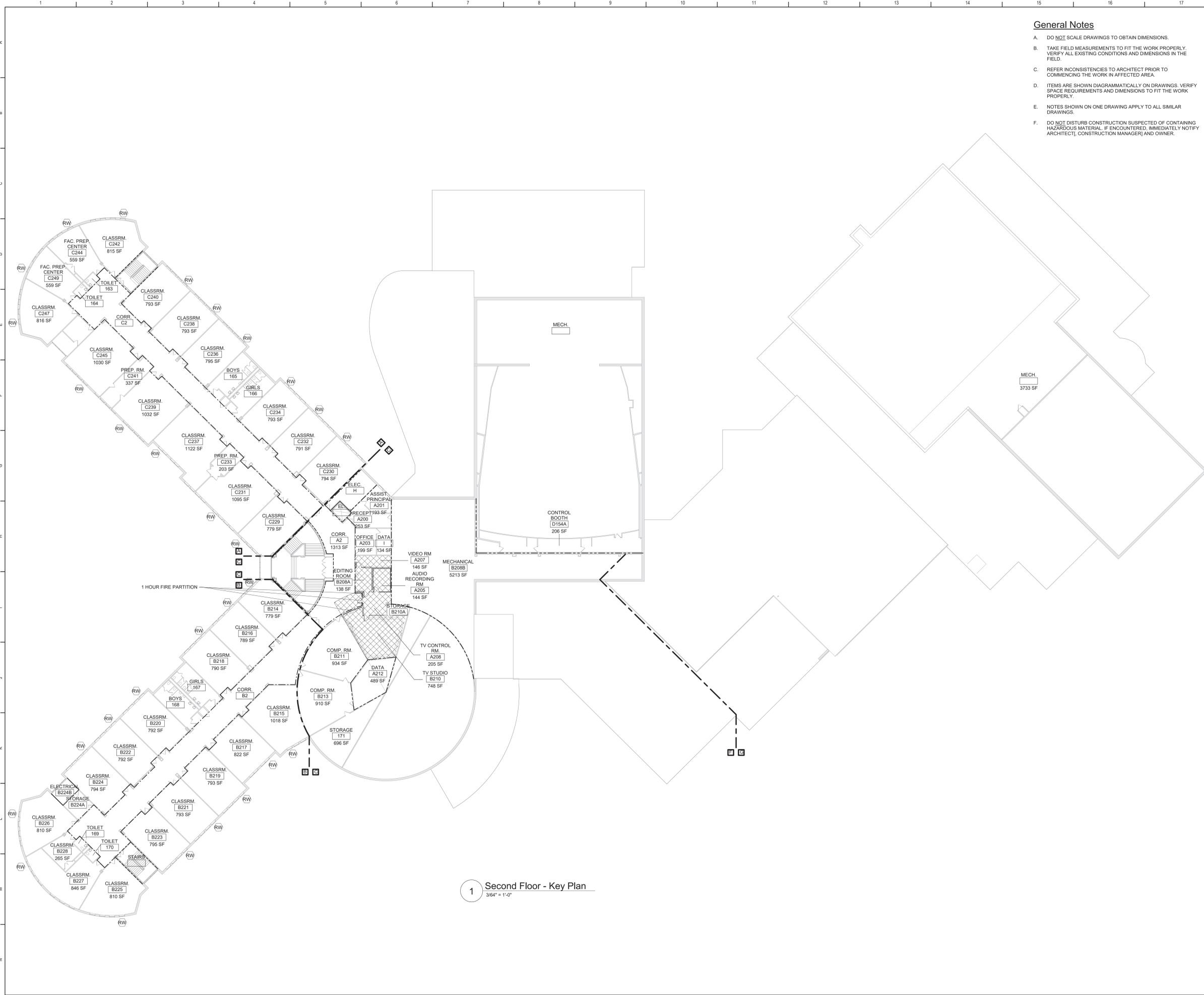
2 Second Floor - Fitness Mezzanine Plan
3/64" = 1'-0"

1 First Floor - Key Plan
3/64" = 1'-0"

TRAVEL DISTANCE
GRADE TO GRADE = 300'
= 103' ACTUAL,
= 300' ALLOWABLE,
103' < 300' SO OK

EXIT CAPACITY - 4 DOORS
EXIT WIDTH 124" / 0.2' / PERSON
= 620 PERSONS
109 < 620, SO OK

FITNESS MEZZANINE
E198
PROVIDE 1 HOUR SPRAY FIREPROOFING AT ALL STRUCTURAL MEMBERS



1 Second Floor - Key Plan
3/64" = 1'-0"

General Notes

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- B. TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.
- C. REFER INCONSISTENCIES TO ARCHITECT PRIOR TO COMMENCING THE WORK IN AFFECTED AREA.
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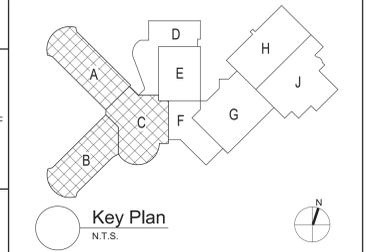
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Legend

ALL WALLS, INCLUDING CORRIDOR WALLS, EXTEND TO THE ROOF DECK OR FLOOR DECK ABOVE UNLESS NOTED OTHERWISE.

- 2-HOUR FIRE BARRIER
- 1-HOUR FIRE BARRIER
- 1-HOUR FIRE PARTITION
- COMMON EGRESS PATH
- XX NUMBER OF OCCUPANTS IN EACH SPACE, UNO
- (XX) NUMBER OF OCCUPANTS ALONG EGRESS PATH
- XX'-XX" TOTAL EGRESS DISTANCE PER PATH
- ⊕ EXISTING FIRE EXTINGUISHER LOCATION
- ⚡ AUTOMATED EXTERNAL DEPRILLATOR (AED)
- Ⓜ RESCUE WINDOW
- 🔥 FIRE HOSE CABINET
- ▨ ALTERATION LEVEL 1 WORK AREA
- ▩ ALTERATION LEVEL 2 WORK AREA



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Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

Code Compliance Second Floor Key Plan

Drawn By: TLG	Date: 10/28/2022	Drawing Number:
Project No.:	279180-22004	
		FG352

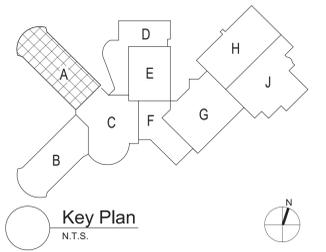


Demolition Key Notes

- 1A REMOVE INTERIOR PARTITION FULL-HEIGHT, PORTION AS INDICATED OR AS REQUIRED TO PERFORM SCHEDULED WORK. EXISTING STRUCTURE TO REMAIN.
 - 1B SAW CUT, OR ENLARGE EXISTING, OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
 - 8A REMOVE WINDOW COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
 - 8B REMOVE DOOR AND FRAME COMPLETELY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
 - 9A REMOVE CEILING SYSTEM AND/OR SOFFIT SYSTEM IN ITS ENTIRETY.
 - 9B REMOVE PORTION OF CEILING SYSTEM AND/OR SOFFIT SYSTEM, TO EXTENT REQUIRED TO PERFORM NEW WORK. CAREFULLY TRIM CEILING GRID TO REMAIN.
 - 9C REMOVE, SALVAGE, STORE AND PROTECT PORTION OF CEILING AS REQUIRED FOR SCHEDULED WORK. REINSTALL CEILING SYSTEM.
 - 9D REMOVE FLOOR FINISH, MASTIC AND WALL BASE TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. AT ALL AREAS OF FLOOR REMOVAL, LEVEL SLAB WITH ADJACENT SLABS AT LOCATIONS SCHEDULED TO RECEIVE FLOOR FINISH. INCLUDE CONCRETE FLOOR PATCHING AND LEVELING MATERIALS TO MAKE SURFACE LEVEL. PREPARE FOR FINISH. PATCH AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.
- SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):**
 A. WATER
 B. RUBBER FLOORING.
- 9E REMOVE WALL BASE AND ASSOCIATED MASTIC ONLY - EXISTING FLOOR FINISH TO REMAIN. PATCH AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.
 - 10A REMOVE TEACHING SURFACES INCLUDING MARKER BOARDS, TACK BOARDS AND CHALK BOARDS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. TURN OVER TO OWNER.
 - 10B REMOVE SIGNAGE.
 - 10C REMOVE OPERABLE PARTITION SYSTEM AND ASSOCIATED SOFFIT CONSTRUCTION IN ITS ENTIRETY. EXG STRUCTURE TO REMAIN.
 - 11A REMOVE WALL MOUNTED MIRRORS - TURN OVER TO OWNER.
 - 11B REMOVE GYM WALL PADS IN THEIR ENTIRETY.
 - 12A REMOVE CASEWORK, SHELVING AND ASSOCIATED COMPONENTS IN THEIR ENTIRETY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. COORDINATE WITH CASEWORK DRAWINGS. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.

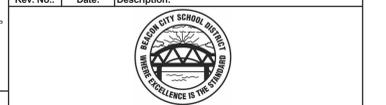
General Demolition Notes

- A. - - - - - REMOVE ITEMS INDICATED BY DASHED LINE.
- B. KEYED DEMOLITION TAGS REFER TO SPECIFIC LOCATIONS AS FOLLOWS:
 1. DEMOLITION TAGS LOCATED WITHIN THE MIDDLE OF A SPACE REFER TO DEMOLITION OF ALL ITEMS OF THAT SAME TYPE WITHIN THAT ENTIRE SPACE.
 2. DEMOLITION TAGS PLACED IMMEDIATELY ON OR ADJACENT TO A DASHED LINE INDICATING ITEM REMOVAL OR THAT HAVE A LEADER POINTING TO SPECIFIC ITEM(S) REFER TO DEMOLITION OF THAT SPECIFIC ITEM ONLY OF THAT TYPE WITHIN THAT SPACE.
 3. DEMOLITION TAGS IN SERIES REFER TO DEMOLITION OF ALL THOSE ITEMS EITHER WITHIN THAT ENTIRE SPACE OR TO THE SPACE IDENTIFIED BY THAT LEADER.
- C. WHEN AN ITEM IS INDICATED TO BE DEMOLISHED REMOVE ALL ASSOCIATED COMPONENTS AS PART OF THAT WORK.
- D. ALL ARTWORK NOT PERMANENTLY AFFIXED TO EXISTING CONSTRUCTION SHALL BE REMOVED AND STORED BY OWNER PRIOR TO BEGINNING DEMOLITION WORK. CONTACT OWNER'S AGENT(S) IF ANY ARTWORK IS ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.



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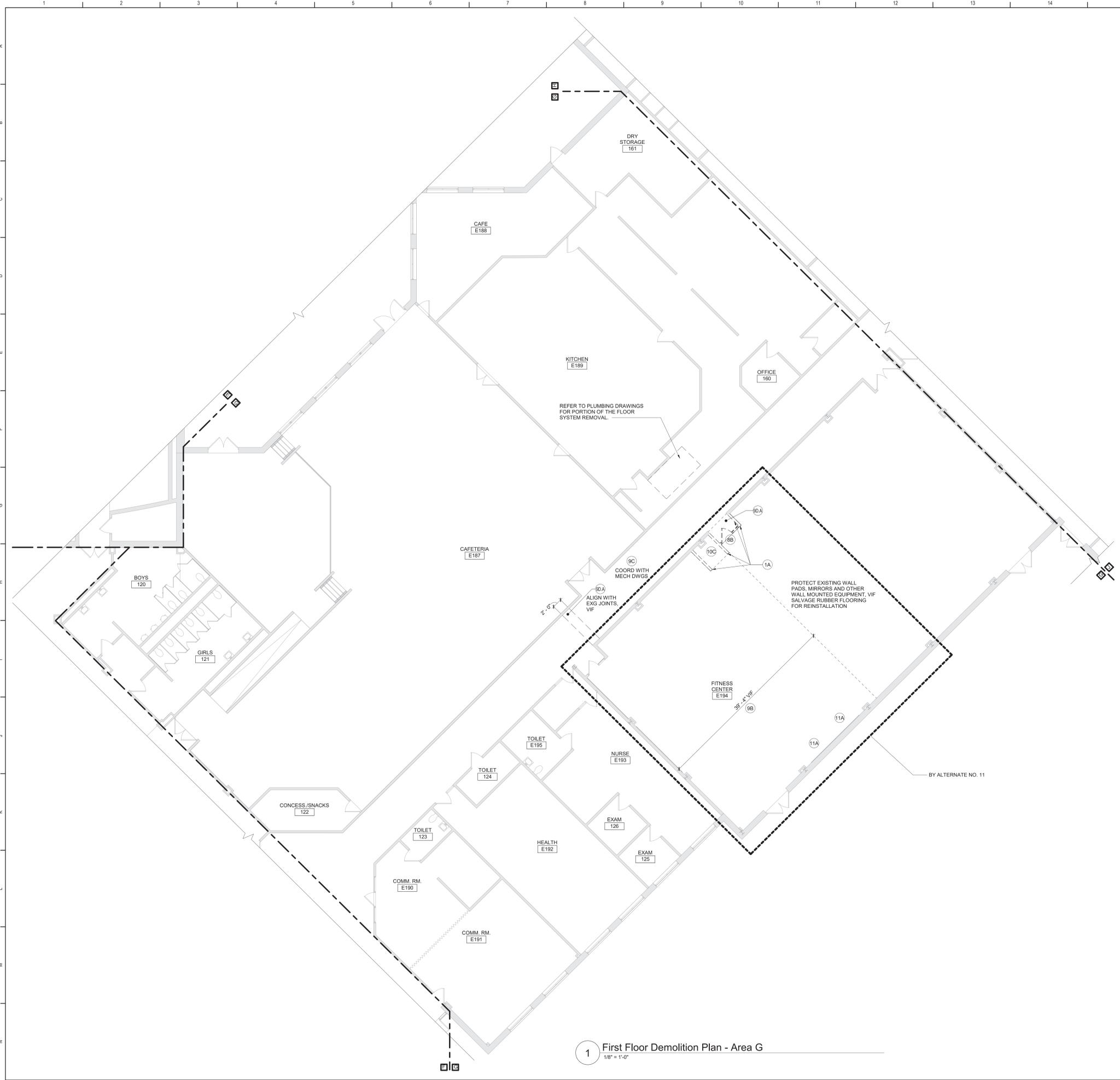
Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

First Floor Demolition Plan - Area A

Drawn By: TLG	Date: 10/28/2022	Drawing Number: FA100
Project No.: 279180-22004		

1 First Floor Demolition Plan - Area A
1/8" = 1'-0"

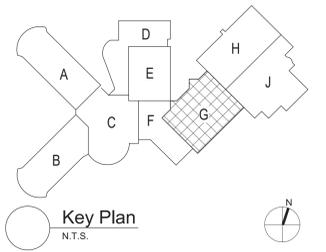


Demolition Key Notes

- (1A) REMOVE INTERIOR PARTITION FULL-HEIGHT, PORTION AS INDICATED OR AS REQUIRED TO PERFORM SCHEDULED WORK. EXISTING STRUCTURE TO REMAIN.
 - (1B) SAW CUT, OR ENLARGE EXISTING, OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
 - (8A) REMOVE WINDOW COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
 - (8B) REMOVE DOOR AND FRAME COMPLETELY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
 - (9A) REMOVE CEILING SYSTEM AND/OR SOFFIT SYSTEM IN ITS ENTIRETY.
 - (9B) REMOVE PORTION OF CEILING SYSTEM AND/OR SOFFIT SYSTEM, TO EXTENT REQUIRED TO PERFORM NEW WORK. CAREFULLY TRIM CEILING GRID TO REMAIN.
 - (9C) REMOVE, SALVAGE, STORE AND PROTECT PORTION OF CEILING AS REQUIRED FOR SCHEDULED WORK. REINSTALL CEILING SYSTEM.
 - (9D) REMOVE FLOOR FINISH, MASTIC AND WALL BASE TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. AT ALL AREAS OF FLOOR REMOVAL, LEVEL SLAB WITH ADJACENT SLABS AT LOCATIONS SCHEDULED TO RECEIVE FLOOR FINISH. INCLUDE CONCRETE FLOOR PATCHING AND LEVELING MATERIALS TO MAKE SURFACE LEVEL. PREPARE FOR FINISH. PATCH AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.
- SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):**
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 B. RUBBER FLOORING.
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 - (11A) REMOVE WALL MOUNTED MIRRORS - TURN OVER TO OWNER.
 - (11B) REMOVE GYM WALL PADS IN THEIR ENTIRETY.
 - (12A) REMOVE CASEWORK, SHELVEING AND ASSOCIATED COMPONENTS IN THEIR ENTIRETY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. COORDINATE WITH CASEWORK DRAWINGS. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.

General Demolition Notes

- A. ----- REMOVE ITEMS INDICATED BY DASHED LINE.
- B. KEYED DEMOLITION TAGS REFER TO SPECIFIC LOCATIONS AS FOLLOWS:
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S.E.D. Control No. 13-02-00-01-0-020-012

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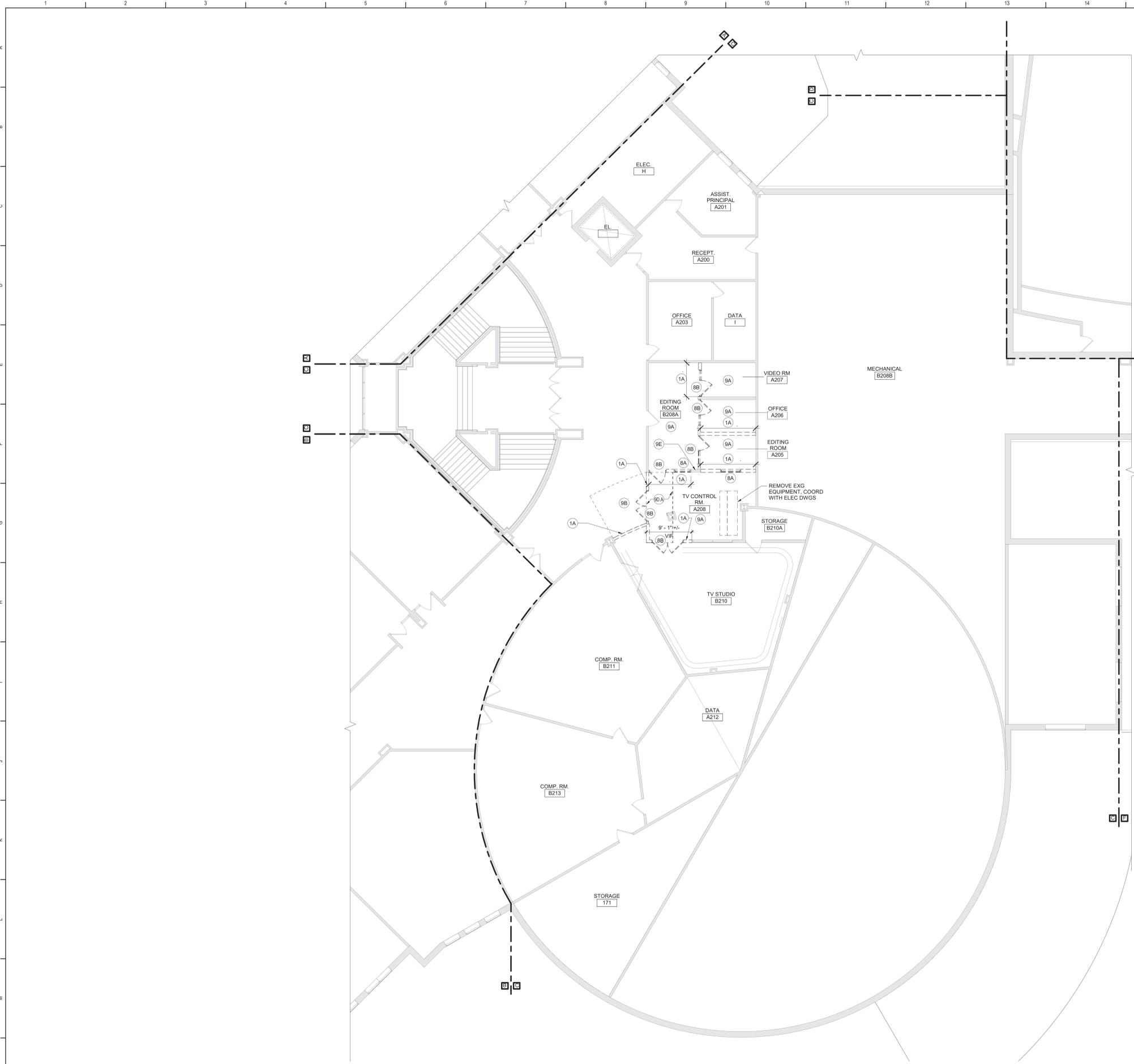
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Beacon, New York

Reconstruction to:
Beacon High School

First Floor Demolition Plan - Area G

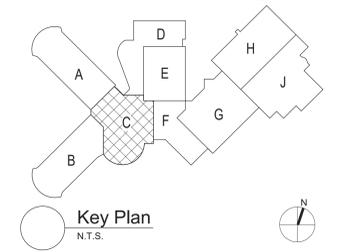
Drawn By: TLG	Date: 10/28/2022	Drawing Number:
Project No.:	279180-22004	
		FA101

1 First Floor Demolition Plan - Area G
1/8" = 1'-0"



- Demolition Key Notes**
- 1A REMOVE INTERIOR PARTITION FULL-HEIGHT. PORTION AS INDICATED OR AS REQUIRED TO PERFORM SCHEDULED WORK. EXISTING STRUCTURE TO REMAIN.
 - 1B SAW CUT, OR ENLARGE EXISTING, OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
 - 8A REMOVE WINDOW COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
 - 8B REMOVE DOOR AND FRAME COMPLETELY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
 - 9A REMOVE CEILING SYSTEM AND/OR SOFFIT SYSTEM IN ITS ENTIRETY.
 - 9B REMOVE PORTION OF CEILING SYSTEM AND/OR SOFFIT SYSTEM, TO EXTENT REQUIRED TO PERFORM NEW WORK. CAREFULLY TRIM CEILING GRID TO REMAIN.
 - 9C REMOVE, SALVAGE, STORE AND PROTECT PORTION OF CEILING AS REQUIRED FOR SCHEDULED WORK. REINSTALL CEILING SYSTEM.
 - 9D REMOVE FLOOR FINISH, MASTIC AND WALL BASE TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. AT ALL AREAS OF FLOOR REMOVAL, LEVEL SLAB WITH ADJACENT SLABS AT LOCATIONS SCHEDULED TO RECEIVE FLOOR FINISH. INCLUDE CONCRETE FLOOR PATCHING AND LEVELING MATERIALS TO MAKE SURFACE LEVEL. PREPARE FOR FINISH. PATCH AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.
 - SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):
A. VAT/VCT.
B. RUBBER FLOORING.
 - 9E REMOVE WALL BASE AND ASSOCIATED MASTIC ONLY - EXISTING FLOOR FINISH TO REMAIN. PATCH AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.
 - 10A REMOVE TEACHING SURFACES INCLUDING MARKER BOARDS, TACK BOARDS AND CHALK BOARDS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. TURN OVER TO OWNER.
 - 10B REMOVE SIGNAGE.
 - 10C REMOVE OPERABLE PARTITION SYSTEM AND ASSOCIATED SOFFIT CONSTRUCTION IN ITS ENTIRETY. EXG STRUCTURE TO REMAIN.
 - 11A REMOVE WALL MOUNTED MIRRORS - TURN OVER TO OWNER.
 - 11B REMOVE GYM WALL PADS IN THEIR ENTIRETY.
 - 12A REMOVE CASEWORK, SHELVING AND ASSOCIATED COMPONENTS IN THEIR ENTIRETY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. COORDINATE WITH CASEWORK DRAWINGS. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR REUSE.

- General Demolition Notes**
- A. - - - - - REMOVE ITEMS INDICATED BY DASHED LINE.
 - B. KEYED DEMOLITION TAGS REFER TO SPECIFIC LOCATIONS AS FOLLOWS:
 1. DEMOLITION TAGS LOCATED WITHIN THE MIDDLE OF A SPACE REFER TO DEMOLITION OF ALL ITEMS OF THAT SAME TYPE WITHIN THAT ENTIRE SPACE.
 2. DEMOLITION TAGS PLACED IMMEDIATELY ON OR ADJACENT TO A DASHED LINE INDICATING ITEM REMOVAL OR THAT HAVE A LEADER POINTING TO SPECIFIC ITEM(S) REFER TO DEMOLITION OF THAT SPECIFIC ITEM ONLY OF THAT TYPE WITHIN THAT SPACE.
 3. DEMOLITION TAGS IN SERIES REFER TO DEMOLITION OF ALL THOSE ITEMS EITHER WITHIN THAT ENTIRE SPACE OR TO THE SPACE IDENTIFIED BY THAT LEADER.
 - C. WHEN AN ITEM IS INDICATED TO BE DEMOLISHED REMOVE ALL ASSOCIATED COMPONENTS AS PART OF THAT WORK.
 - D. ALL ARTWORK NOT PERMANENTLY AFFIXED TO EXISTING CONSTRUCTION SHALL BE REMOVED AND STORED BY OWNER PRIOR TO BEGINNING DEMOLITION WORK. CONTACT OWNER'S AGENT(S) IF ANY ARTWORK IS ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.



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BID SET



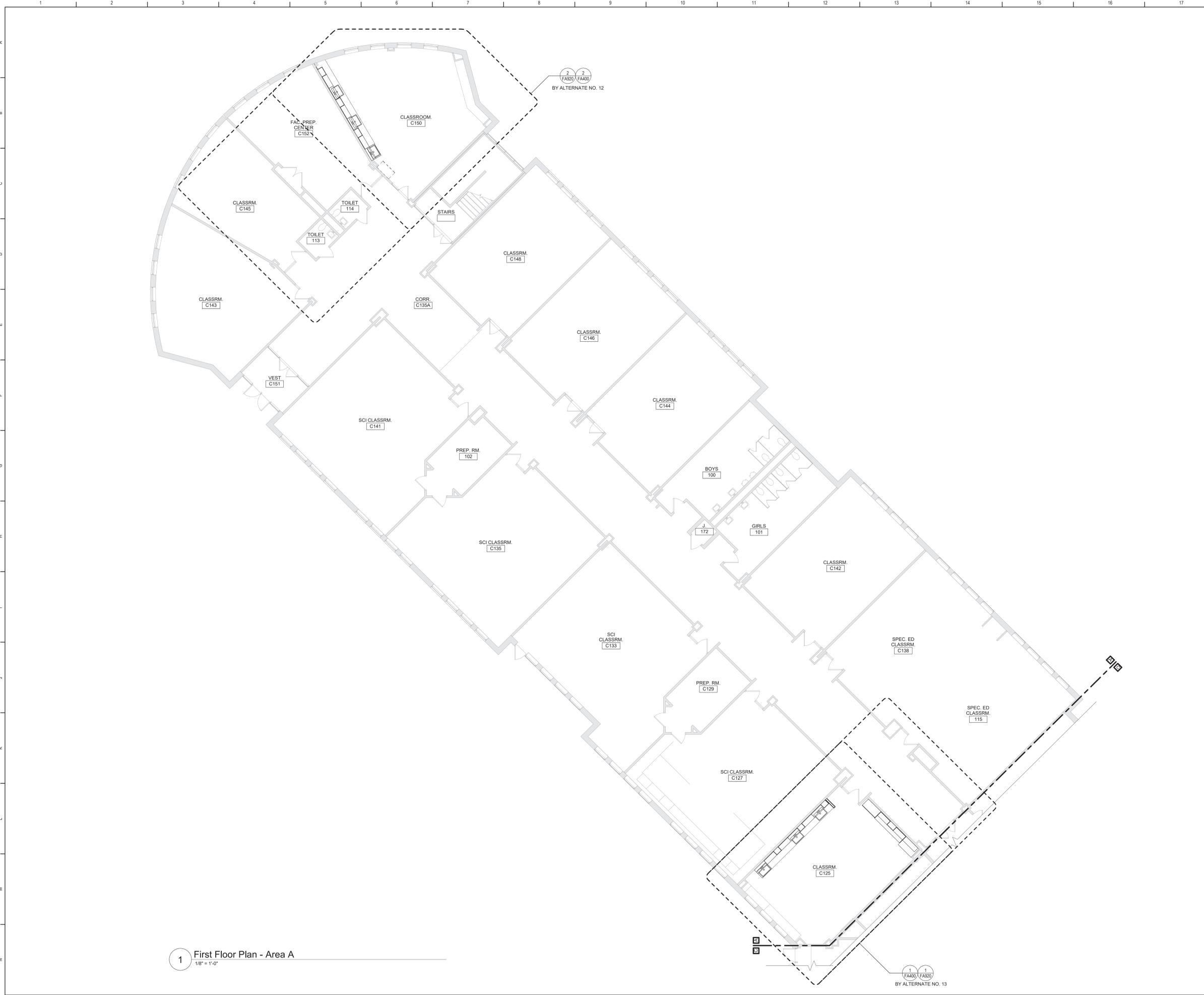
Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

Second Floor Demolition Plan - Area C

Drawn By: TLG	Date: 10/28/2022	Drawing Number: FA102
Project No.: 279180-22004		

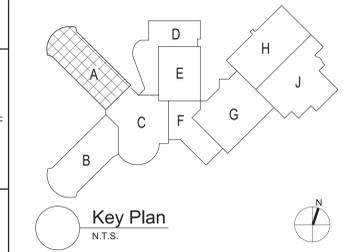
1 Second Floor Demolition Plan - Area C - By Alternate No. 14
1/8" = 1'-0"



1 First Floor Plan - Area A
1/8" = 1'-0"

General Plan Notes

- A. WHERE EXISTING CONSTRUCTION IS DAMAGED OR DISTURBED, PATCH AS REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION.
- B. PARTITION TYPE TAGS APPLY TO ENTIRE LENGTH OF WALL INDICATED BY THAT TAG, REGARDLESS OF OPENINGS WITHIN THAT WALL, TYPICAL UNLESS NOTED OTHERWISE.
 - 1. ALL EXTERIOR WALLS SHALL BE WALL/PARTITION TYPE [---], TYPICAL UNLESS NOTED OTHERWISE.
 - 2. ALL INTERIOR WALLS SHALL BE WALL/PARTITION TYPE [---], TYPICAL UNLESS NOTED OTHERWISE.
- C. INFILL AREAS OF RECESSED FLOOR MAT AND/OR FINISH REMOVALS WITH REPAIR MATERIAL PROVIDE SUBSTRATE LEVEL AS REQUIRED SO SCHEDULED FINISHED FLOOR WILL MATCH THAT OF EXISTING ADJACENT AREAS.
- D. PROVIDE BRACING WITHIN CHASES AS FOLLOWS:
 - 1. MASONRY WALLS: FULL-HEIGHT 4" CMU BRACES AT MAXIMUM SPACING OF 11'-0" OC.
 - 2. GYPSUM BOARD/TILE BACKING PANELS ON METAL FRAMING: FULL-HEIGHT 6" METAL STUD BRACES AT MAXIMUM SPACING OF 11'-0" OC.



S.E.D. Control No. 13-02-00-01-0-020-012

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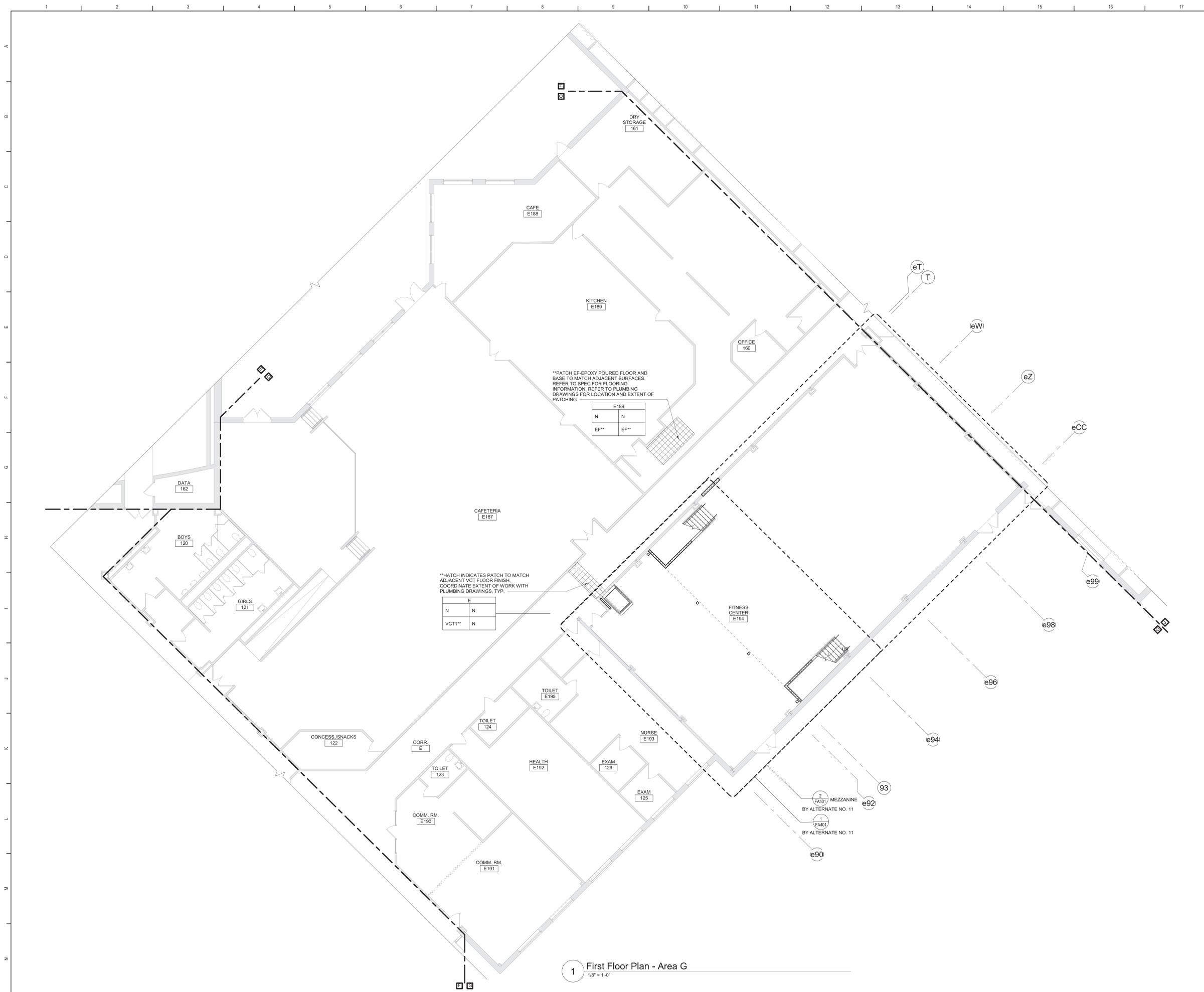


Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

First Floor Plan - Area A

Drawn By: TLG	Date: 10/28/2022	Drawing Number:
Project No.:	279180-22004	
		FA130



Room Finish Key

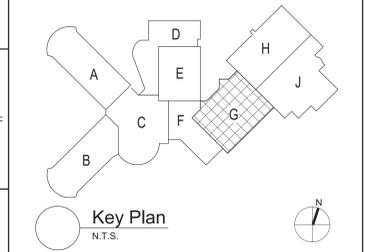
CWT1	CERAMIC WALL TILE - TYPE 1
EF	EPOXY FLOORING - POURED
HPC	HIGH PERFORMANCE COATING
MCS	MOISTURE CONTROL SYSTEM
N	NO WORK REQUIRED
P	PAINT SURFACE(S) INCLUDING SOFFITS
QT	QUARRY TILE
RAF	RESILIENT ATHLETIC FLOORING
RF1	RUBBER FLOORING - TYPE 1
RS	RUBBER STAIR TREAD AND RISERS
RB	RUBBER BASE
VCT1	VINYL COMPOSITION TILE - TYPE 1
*	SEE REFLECTED CEILING PLAN
+	INDICATED CHANGE IN FLOOR FINISH

NOTE: ALL FINISHES LISTED MAY NOT BE REQUIRED FOR THIS PROJECT

R/M/F	
CLG*	WALL
FLR	BASE

FINISHES SHOWN IN ROOM FINISH BOX ARE FOR ALL WALLS AND ENTIRE FLOOR AND CEILING. REFER TO EACH ROOM FOR MORE INFORMATION.

REFER TO DRAWING FA920 FOR GENERAL FINISH NOTES.
REFER TO DRAWING FA920 FOR GENERAL CASEWORK NOTES.



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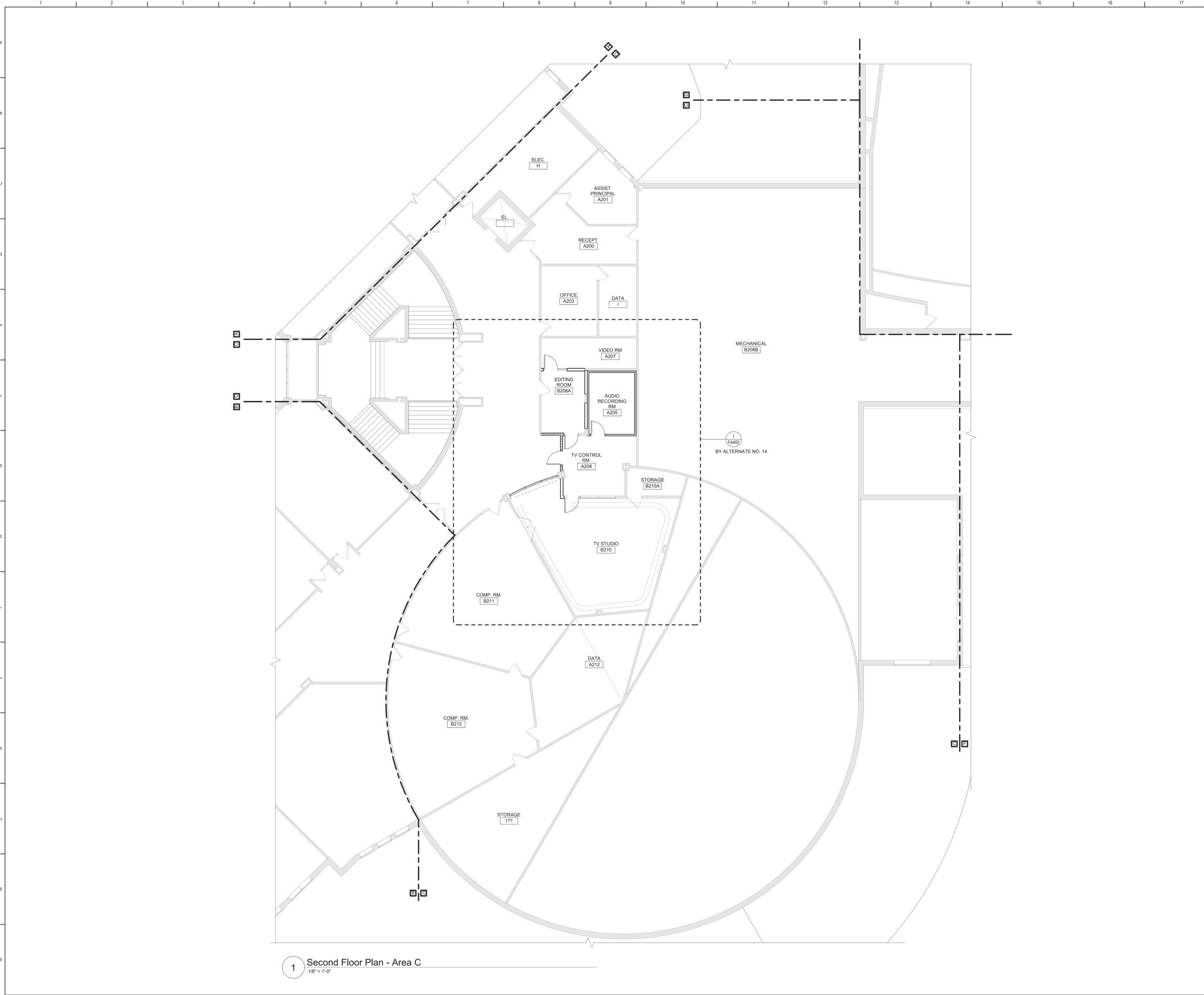


Beacon City School District
Beacon, New York

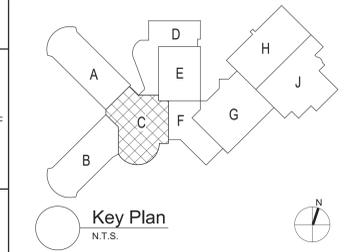
Reconstruction to:
Beacon High School

First Floor Plan - Area G

Drawn By: TLG	Date: 10/28/2022	Drawing Number:
Project No.:	FA131	
279180-22004		



- ### General Plan Notes
- A. WHERE EXISTING CONSTRUCTION IS DAMAGED OR DISTURBED, PATCH AS REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION.
 - B. PARTITION TYPE TAGS APPLY TO ENTIRE LENGTH OF WALL INDICATED BY THAT TAG, REGARDLESS OF OPENINGS WITHIN THAT WALL. TYPICAL UNLESS NOTED OTHERWISE.
 1. ALL EXTERIOR WALLS SHALL BE WALL/PARTITION TYPE [---], TYPICAL UNLESS NOTED OTHERWISE.
 2. ALL INTERIOR WALLS SHALL BE WALL/PARTITION TYPE [---], TYPICAL UNLESS NOTED OTHERWISE.
 - C. INFILL AREAS OF RECESSED FLOOR MAT AND/OR FINISH REMOVALS WITH REPAIR MATERIAL. PROVIDE SUBSTRATE LEVEL AS REQUIRED SO SCHEDULED FINISHED FLOOR WILL MATCH THAT OF EXISTING ADJACENT AREAS.
 - D. PROVIDE BRACING WITHIN CHASES AS FOLLOWS:
 1. MASONRY WALLS: FULL-HEIGHT 4" CMU BRACES AT MAXIMUM SPACING OF 11'-0" OC.
 2. GYPSUM BOARD/TILE BACKING PANELS ON METAL FRAMING: FULL-HEIGHT 6" METAL STUD BRACES AT MAXIMUM SPACING OF 11'-0" OC.



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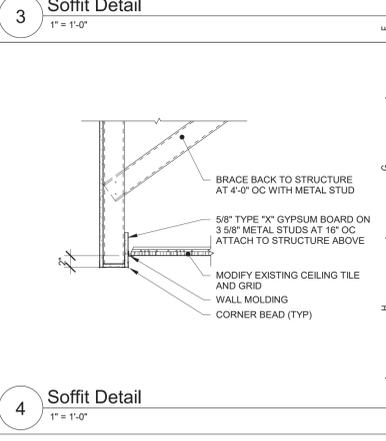
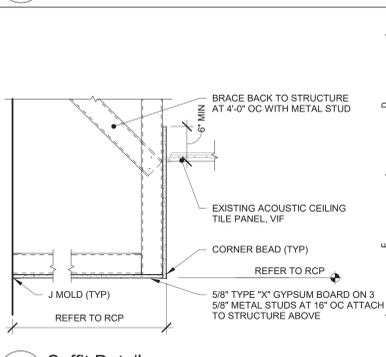
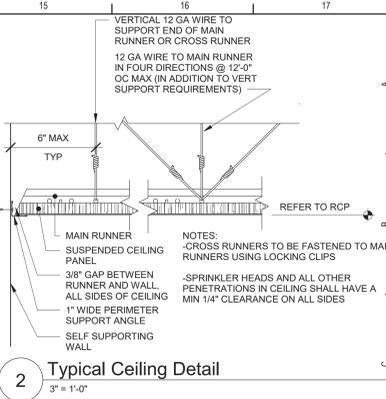
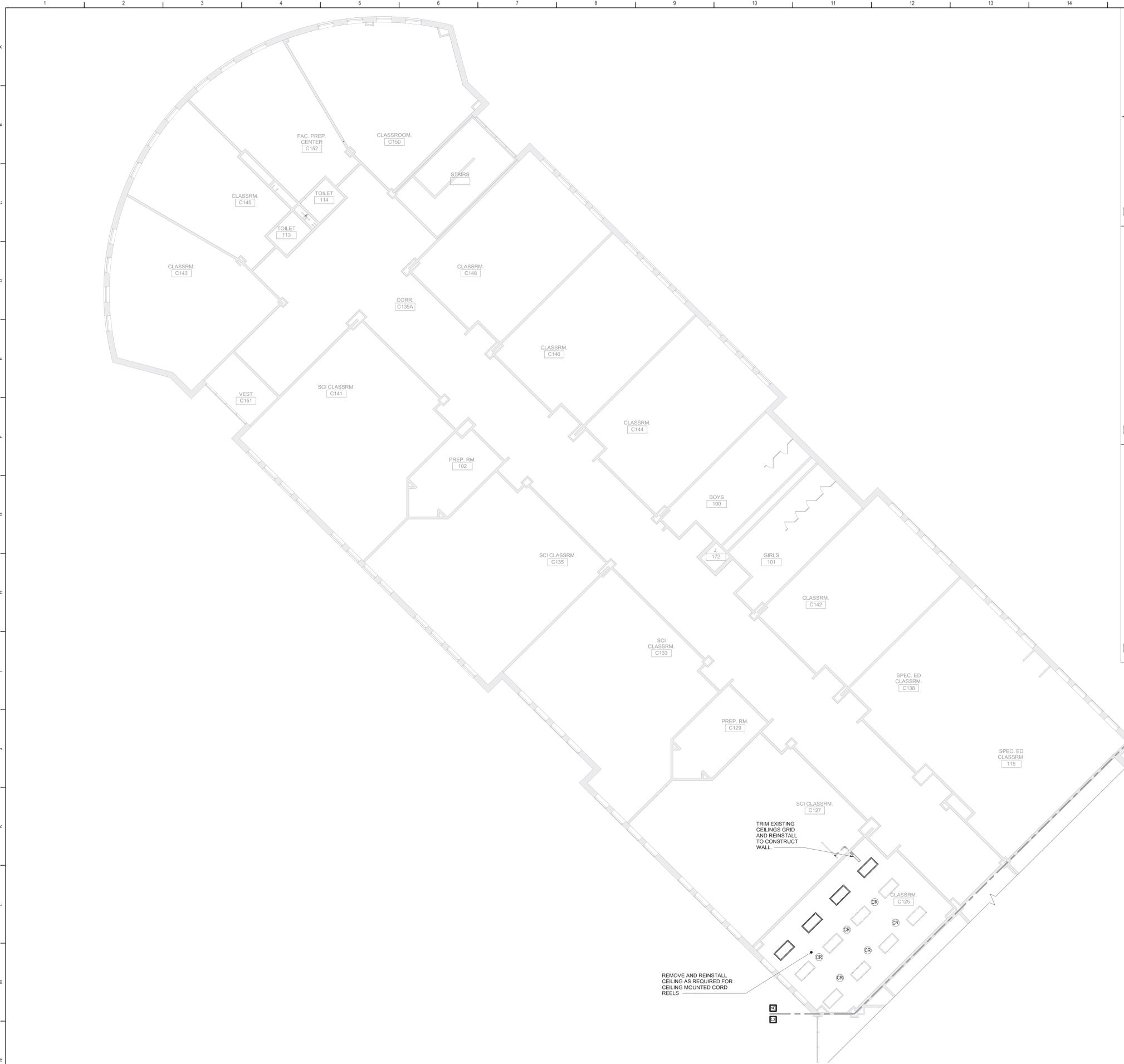
Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

Second Floor Plan - Area C

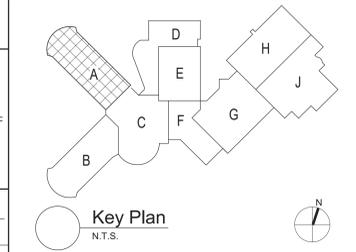
Drawn By: TLG	Date: 10/28/2022	Drawing Number: FA133
Project No.: 279180-22004		

1 Second Floor Plan - Area C
1/8" = 1'-0"



- ### General Ceiling Notes
- LIGHTING AND OTHER CEILING-MOUNTED FIXTURES ARE SHOWN FOR DRAWING CLARITY. COORDINATE ALL CEILING WORK PRIOR TO INSTALLATION OF CEILING GRID.
 - CEILING HEIGHT IS 9'-0" ABOVE FINISHED FLOOR (UNO).
 - CENTER CEILING-MOUNTED ITEMS (LIGHTS, GRILLES, DETECTORS, SPRINKLER HEAD, ETC) WITHIN THE CEILING PANELS AND GRIDS UNLESS THE PANELS ARE SCORED. CENTER ITEMS WITHIN THE PATTERN OF SCORED PANELS.
 - PROVIDE EXPANSION JOINT (EJ) COVERS IN CEILINGS AND SOFFITS AT EJ LOCATIONS.
 - PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILINGS AND SOFFITS AS DETAILED ON DRAWINGS (MAXIMUM 20'-0" OC, EVENLY SPACED, TYP UNO).
 - PATCH CEILING SYSTEMS TO REMAIN THAT HAVE BEEN DISTURBED BY SCHEDULED WORK TO MATCH ADJACENT CONSTRUCTION PRIOR TO PAINTING.
 - (X) 9'-0" DESIGNATES BOTTOM OF CEILING ABOVE FINISHED FLOOR AT THAT POINT UNO. DESIGNATION 'ME' INDICATES MATCH EXISTING CEILING HEIGHT.
 - AT ALL LOCATIONS OF GYPSUM CEILINGS - PROVIDE 24" X 24" CONCEALED FLANGE ACCESS DOOR REGARDLESS OF LOCATION OR REQUIREMENT FOR ACCESS TO EQUIPMENT.

- ### Ceiling Types
- (A2) (X-X') ACOUSTIC PANEL CEILING
 - (A6) (X-X') ACOUSTIC PANEL CEILING
 - (B) (X-X') PAINTED 1/2" GYPSUM CEILING ON SUPPORT MATERIALS (GRID SUSPENSION SYSTEM, TYP UNO)
 - (F) (X-X') PAINTED EXPOSED STRUCTURAL SYSTEM, SUPPORT MATERIALS AND FASTENERS, MECHANICAL SYSTEM, ELECTRICAL ITEMS AND PIPING



S.E.D. Control No. 13-02-00-01-0-020-012

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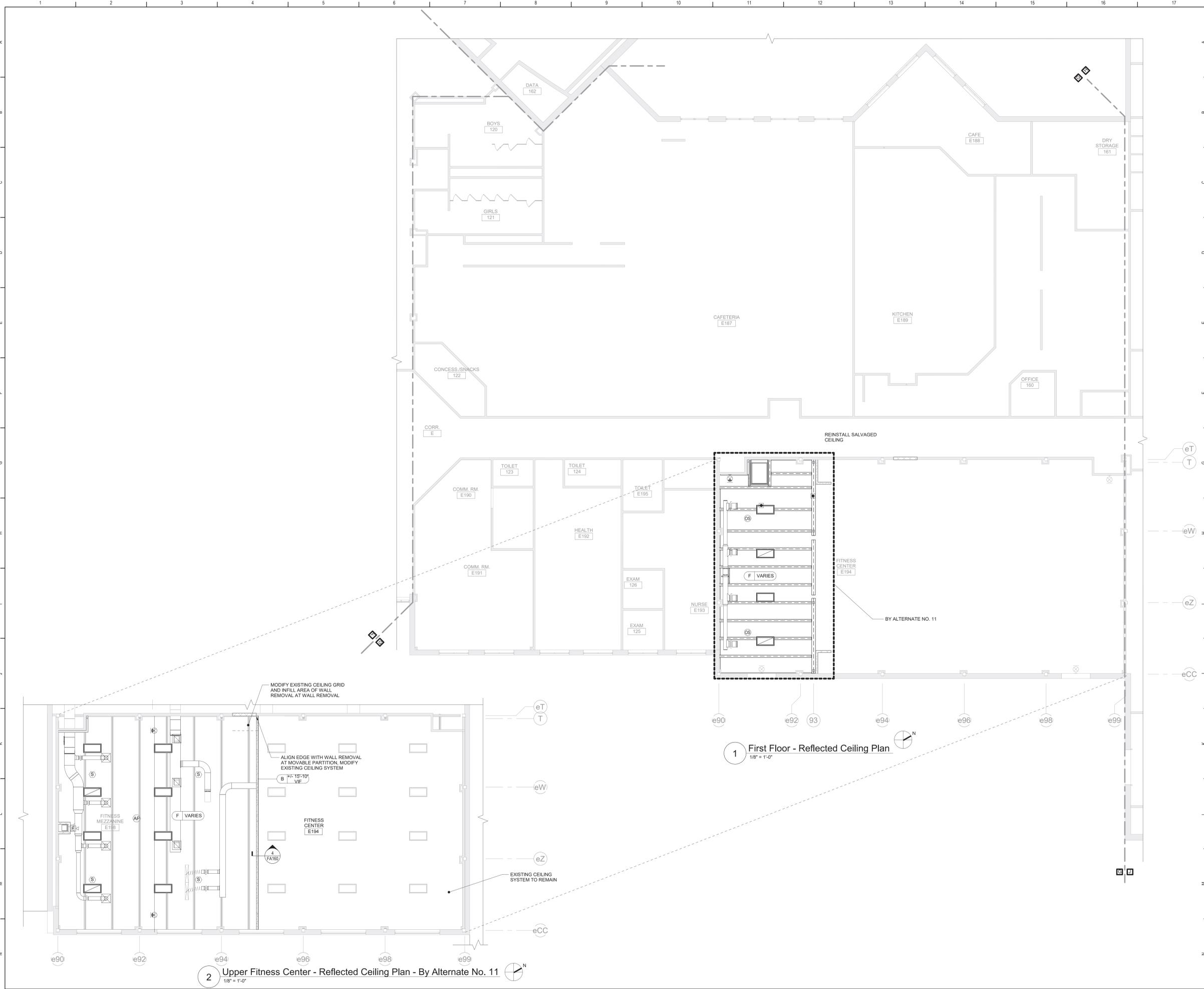
Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

First Floor Reflected Ceiling Plan Area A

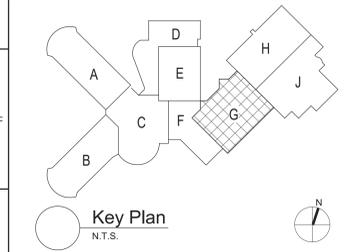
Drawn By: TLG	Date: 10/28/2022	Drawing Number: FA160
Project No.:	279180-22004	

1 First Floor - Reflected Ceiling Plan - By Alternate No. 13
1/8" = 1'-0"



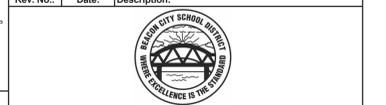
- ### General Ceiling Notes
- A. LIGHTING AND OTHER CEILING-MOUNTED FIXTURES ARE SHOWN FOR DRAWING CLARITY. COORDINATE ALL CEILING WORK PRIOR TO INSTALLATION OF CEILING GRID.
 - B. CEILING HEIGHT IS 9'-0" ABOVE FINISHED FLOOR (UNO).
 - C. CENTER CEILING-MOUNTED ITEMS (LIGHTS, GRILLES, DETECTORS, SPRINKLER HEAD, ETC) WITHIN THE CEILING PANELS AND GRIDS UNLESS THE PANELS ARE SCORED. CENTER ITEMS WITHIN THE PATTERN OF SCORED PANELS.
 - D. PROVIDE EXPANSION JOINT (EJ) COVERS IN CEILINGS AND SOFFITS AT EJ LOCATIONS.
 - E. PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILINGS AND SOFFITS AS DETAILED ON DRAWINGS (MAXIMUM 20'-0" OC, EVENLY SPACED, TYP UNO).
 - F. PATCH CEILING SYSTEMS TO REMAIN THAT HAVE BEEN DISTURBED BY SCHEDULED WORK TO MATCH ADJACENT CONSTRUCTION PRIOR TO PAINTING.
 - G. (X) (9'-0") DESIGNATES BOTTOM OF CEILING ABOVE FINISHED FLOOR AT THAT POINT UNO. DESIGNATION "ME" INDICATES MATCH EXISTING CEILING HEIGHT.
 - H. AT ALL LOCATIONS OF GYPSUM CEILINGS - PROVIDE 24" X 24" CONCEALED FLANGE ACCESS DOOR REGARDLESS OF LOCATION OR REQUIREMENT FOR ACCESS TO EQUIPMENT.

- ### Ceiling Types
- (A2) (X-X') ACOUSTIC PANEL CEILING
 - (A6) (X-X') ACOUSTIC PANEL CEILING
 - (B) (X-X') PAINTED 1/2" GYPSUM CEILING ON SUPPORT MATERIALS (GRID SUSPENSION SYSTEM, TYP UNO)
 - (F) (X-X') PAINTED EXPOSED STRUCTURAL SYSTEM, SUPPORT MATERIALS AND FASTENERS, MECHANICAL SYSTEM, ELECTRICAL ITEMS AND PIPING



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TETRA TECH
ARCHITECTS & ENGINEERS

Beacon City School District
Beacon, New York

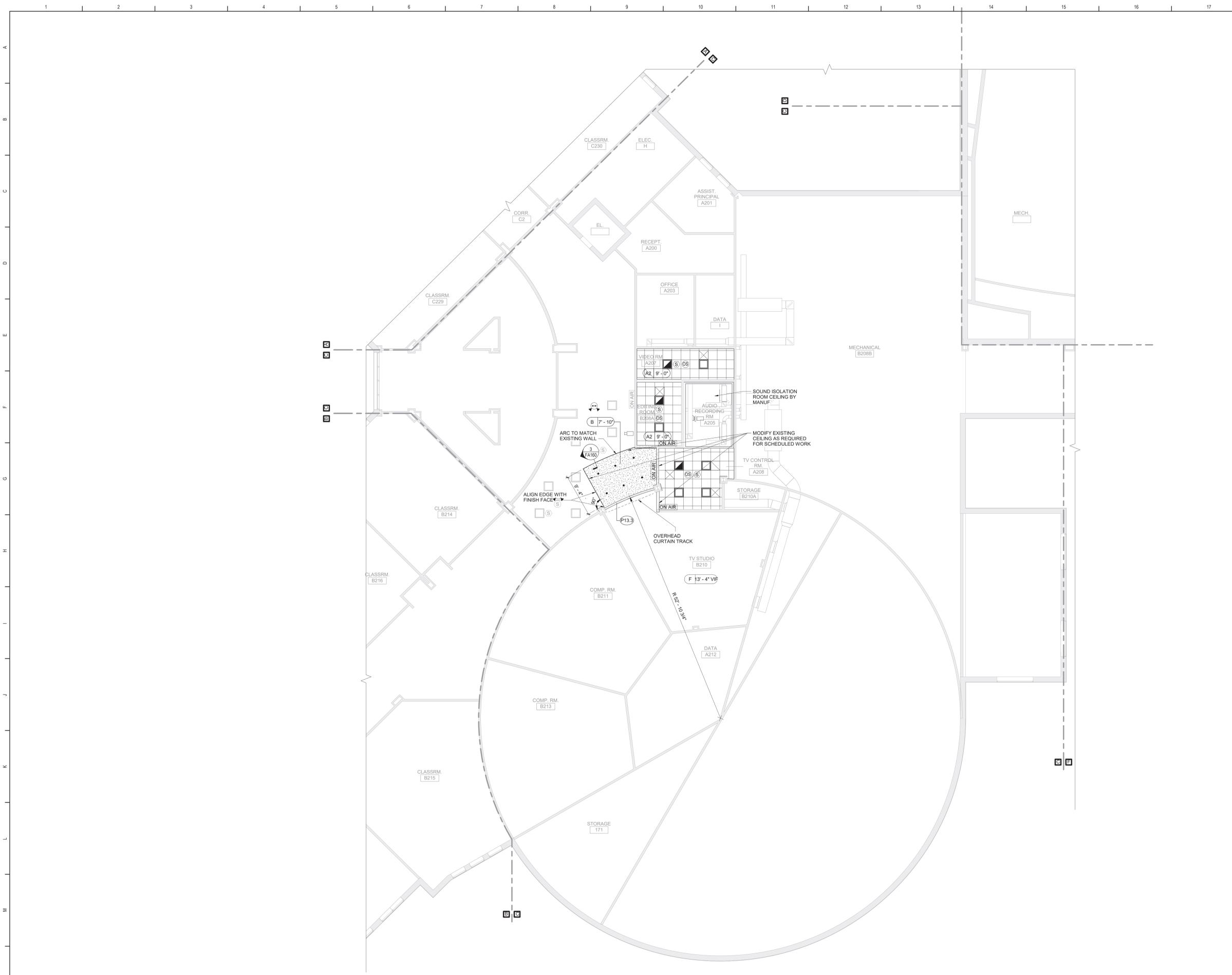
Reconstruction to:
Beacon High School

First Floor Reflected Ceiling Plan Area G

Drawn By: TLG	Date: 10/28/2022	Drawing Number:
Project No.:	279180-22004	
		FA161

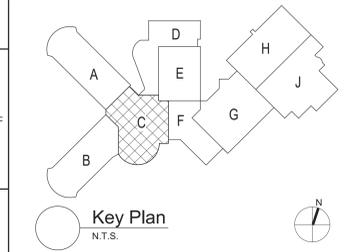
1 First Floor - Reflected Ceiling Plan
1/8" = 1'-0"

2 Upper Fitness Center - Reflected Ceiling Plan - By Alternate No. 11
1/8" = 1'-0"



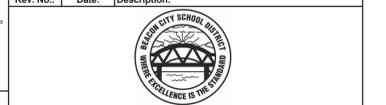
- ### General Ceiling Notes
- LIGHTING AND OTHER CEILING-MOUNTED FIXTURES ARE SHOWN FOR DRAWING CLARITY. COORDINATE ALL CEILING WORK PRIOR TO INSTALLATION OF CEILING GRID.
 - CEILING HEIGHT IS 9'-0" ABOVE FINISHED FLOOR (UNO).
 - CENTER CEILING-MOUNTED ITEMS (LIGHTS, GRILLES, DETECTORS, SPRINKLER HEAD, ETC) WITHIN THE CEILING PANELS AND GRIDS UNLESS THE PANELS ARE SCORED. CENTER ITEMS WITHIN THE PATTERN OF SCORED PANELS.
 - PROVIDE EXPANSION JOINT (EJ) COVERS IN CEILINGS AND SOFFITS AT EJ LOCATIONS.
 - PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILINGS AND SOFFITS AS DETAILED ON DRAWINGS (MAXIMUM 20'-0" OC, EVENLY SPACED, TYP UNO).
 - PATCH CEILING SYSTEMS TO REMAIN THAT HAVE BEEN DISTURBED BY SCHEDULED WORK TO MATCH ADJACENT CONSTRUCTION PRIOR TO PAINTING.
 - (X|9-0") DESIGNATES BOTTOM OF CEILING ABOVE FINISHED FLOOR AT THAT POINT UNO. DESIGNATION "ME" INDICATES MATCH EXISTING CEILING HEIGHT.
 - AT ALL LOCATIONS OF GYPSUM CEILINGS - PROVIDE 24" X 24" CONCEALED FLANGE ACCESS DOOR REGARDLESS OF LOCATION OR REQUIREMENT FOR ACCESS TO EQUIPMENT.

- ### Ceiling Types
- (A2 | X-X") ACOUSTIC PANEL CEILING
 - (A6 | X-X") ACOUSTIC PANEL CEILING
 - (B | X-X") PAINTED 1/2" GYPSUM CEILING ON SUPPORT MATERIALS (GRID SUSPENSION SYSTEM, TYP UNO)
 - (F | X-X") PAINTED EXPOSED STRUCTURAL SYSTEM, SUPPORT MATERIALS AND FASTENERS, MECHANICAL SYSTEM, ELECTRICAL ITEMS AND PIPING



S.E.D. Control No. 13-02-00-01-0-020-012

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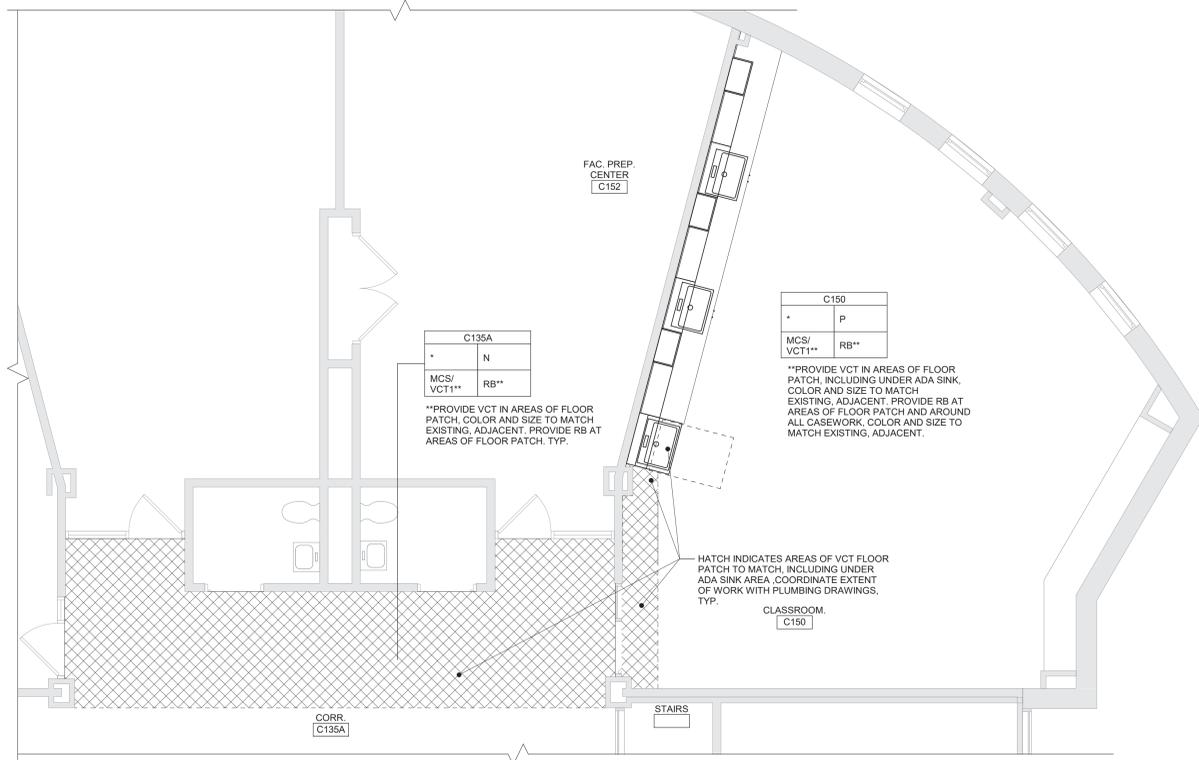
Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

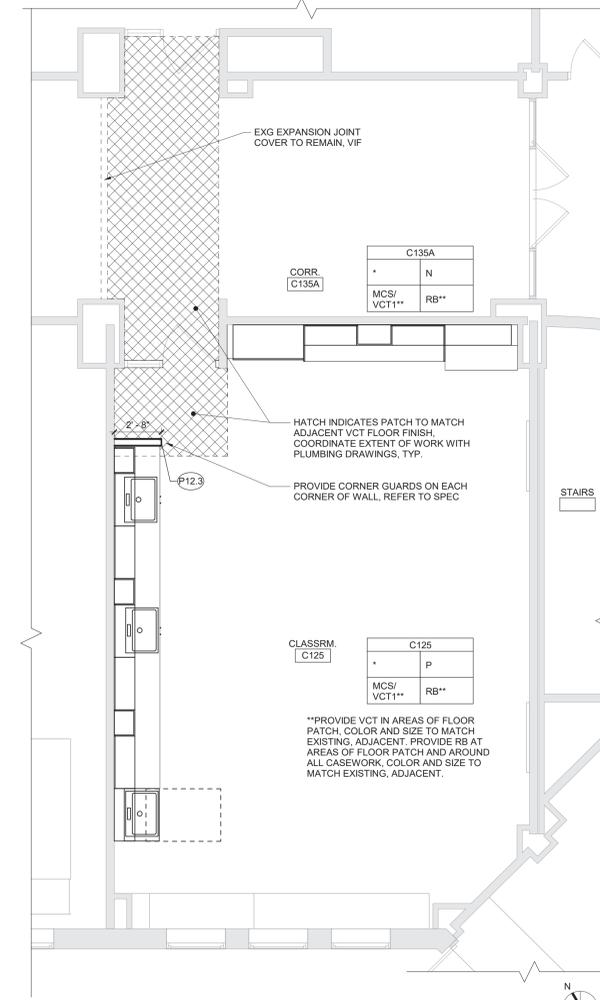
Second Floor Reflected Ceiling Plan
Area C

Drawn By: TLG	Date: 10/28/2022	Drawing Number:
Project No.:	279180-22004	
		FA162

1 Second Floor - Reflected Ceiling Plan - By Alternate No. 14
1/8" = 1'-0"



2 Enlarged Plan - Classroom C150 (Rotated) - By Alternate No. 12
1/4" = 1'-0"



1 Enlarged Plan - Classroom C125 (Rotated) - By Alternate No. 13
1/4" = 1'-0"

Room Finish Key

- CWT1 CERAMIC WALL TILE TYPE 1
- EF EPOXY FLOORING - POURED
- HPC HIGH PERFORMANCE COATING
- MCS MOISTURE CONTROL SYSTEM
- N NO WORK REQUIRED
- P PAINT SURFACE(S) INCLUDING SOFFITS
- QT QUARRY TILE
- RAF RESILIENT ATHLETIC FLOORING
- RF1 RUBBER FLOORING - TYPE 1
- RS RUBBER STAIR TREAD AND RISERS
- RB RUBBER BASE
- VCT1 VINYL COMPOSITION TILE - TYPE 1

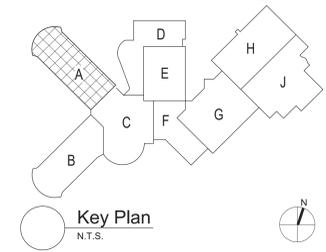
- * SEE REFLECTED CEILING PLAN
- INDICATED CHANGE IN FLOOR FINISH

NOTE: ALL FINISHES LISTED MAY NOT BE REQUIRED FOR THIS PROJECT

RM#	
CLG*	WALL
FLR	BASE

FINISHES SHOWN IN ROOM FINISH BOX ARE FOR ALL WALLS AND ENTIRE FLOOR AND CEILING. REFER TO EACH ROOM FOR MORE INFORMATION.

REFER TO DRAWING FA620 FOR GENERAL FINISH NOTES.
REFER TO DRAWING FA620 FOR GENERAL CASEWORK NOTES.



S.E.D. Control No. 13-02-00-01-0-020-012

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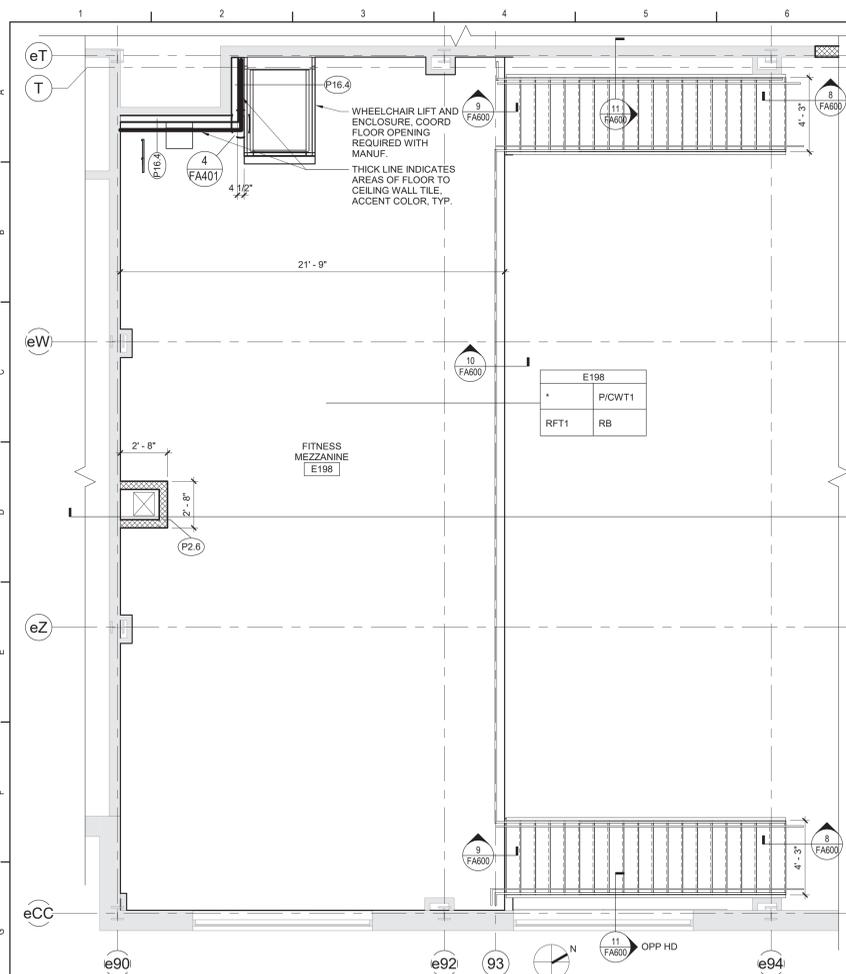


Beacon City School District
Beacon, New York

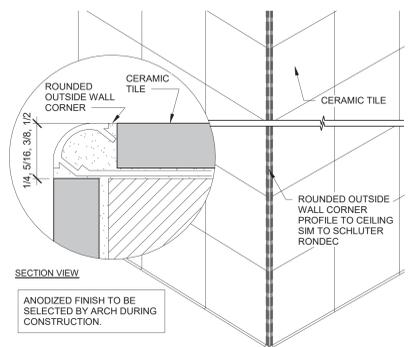
Reconstruction to:
Beacon High School

Enlarged Plans - Area A

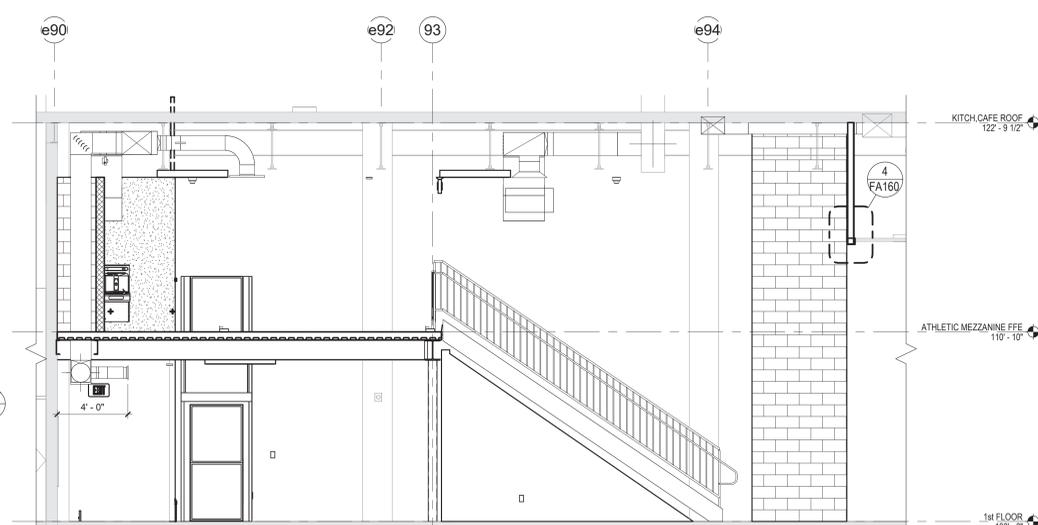
Drawn By: TLG	Date: 10/28/2022	Drawing Number:
Project No.:	279180-22004	
		FA400



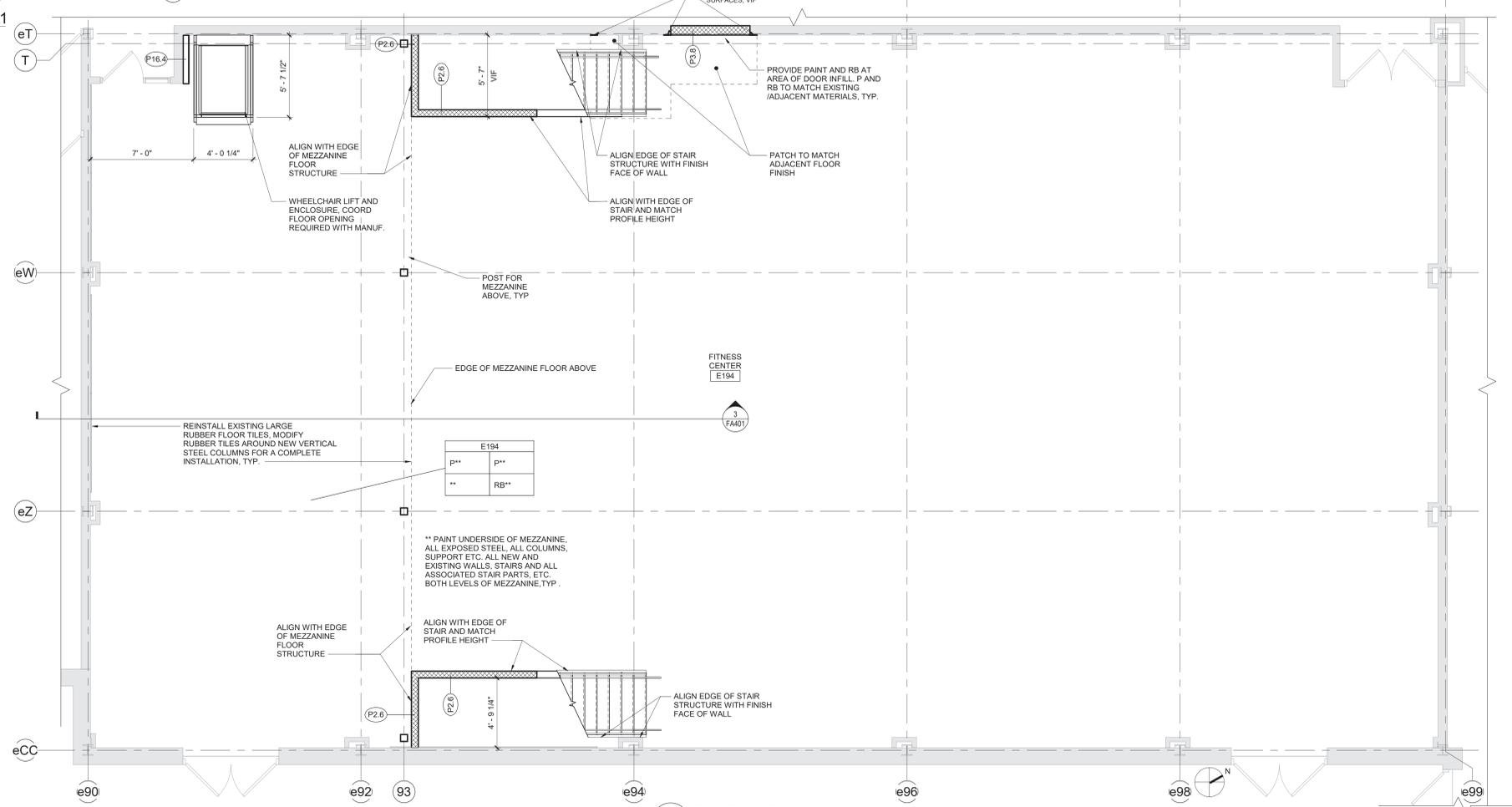
2 Mezzanine Enlarged Plan (Rotated) - By Alternate No. 11
1/4" = 1'-0"



4 Outside Corner/Rounded Profile
3" = 1'-0"



3 Section - By Alternate No. 11
1/4" = 1'-0"



1 First Floor Enlarged Plan - Fitness Center E194 (Rotated) - By Alternate No. 11
1/4" = 1'-0"

General Stair Notes

- A. REFER TO "GENERAL NOTES" ON KEY PLANS FOR ADDITIONAL INFORMATION.
- B. PROVIDE [HSS TUBE STRINGERS] [CHANNEL STRINGERS] AT ALL STAIRS, TYP UNO. PROVIDE 3/16" CLOSURE PLATES AT ALL EXPOSED END CONDITIONS, INCLUDING BUT NOT LIMITED TO: [CHANNEL STRINGERS] STAIR BASE, LANDING AND HEADER DETAILS AND AS DETAILED ON DWGS. CONTINUOUSLY WELD AND GRIND SMOOTH.
- C. PROVIDE CONTINUOUS STAIR SHAFT FIRE RATINGS AS INDICATED ON CC DWGS. COORDINATE EXACT LOCATIONS OF STRINGERS TO ALLOW FINISHED WALL SURFACE TO PASS BY FREE OF OBSTRUCTION.
- D. REFER TO FINISH DWGS FOR FLOOR FINISHES.
- E. REFER TO REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION AT STAIRS AND RAMPS.
- F. ALL STAIR STRINGERS SHALL RECEIVE CONTINUOUS 1/8" CLOSURE PLATE, FIELD INSTALL TIGHT TO STAIRWELL WALL, AND CONTINUOUSLY WELD AND GRIND SMOOTH, PAINT ACCENT COLOR, SAME COLOR AS STRINGER. SEE FINISH DWGS.
- G. PROVIDE 3-1/2" x 3-1/2" x 5/16" PAN STIFFENERS AT 3'-0" MAXIMUM OC, TYP. CENTER STIFFENERS ON LANDING AND EACH STAIR RUN, TYP UNO.
- H. PROVIDE CONTINUOUS GUARDRAIL AND HANDRAIL AT ALL LANDINGS OF STAIRS WITH OPEN CENTERS AS DETAILED ON DRAWINGS; (DESIGN AND FINISH SHALL MATCH ADJACENT GUARDRAILS, TYP UNO), GUARDRAILS SHALL PREVENT PASSAGE OF 4" DIAMETER SPHERE.
- J. PROVIDE CONTINUOUS HANDRAILS AT ALL STAIR TYPES (BOTH OPEN OR SOLID CENTERS). EXTEND HANDRAILS ALONG OUTSIDE OF ALL STAIRS AS DIMENSIONED ON PLANS.
- K. RADIUS RETURN ALL HANDRAILS TO WITHIN 1/4" OF WALL OR ATTACH DIRECTLY TO GUARDRAIL POST, TYP UNO.
- L. PROVIDE STAIR ACCESSORIES, INCLUDING BUT NOT LIMITED TO: HANDRAIL WALL BRACKETS, PIPE COVER FLANGE, ETC. AS EQUIPPED FOR A COMPLETE AND FINISHED INSTALLATION. SEE SECTION 05500.
- M. EQUALLY SPACE WALL HANDRAIL BRACKETS AS DETAILED ON DRAWINGS, BUT NOT TO EXCEED 4'-0" MAXIMUM OC (MEASURED TO ANGLE OF HANDRAIL) UNO. AT WALL BRACKET LOCATIONS PROVIDE ADEQUATE SUPPORT FOR WALL-MOUNTED ITEMS AS DETAILED ON DRAWINGS (USE THE FOLLOWING UNO).
 - CMU WALLS
GROUT CORES SOLID (MINIMUM 2'-0" EACH LOCATION).
 - METAL STUD / CFMF FRAMED WALLS
PROVIDE WOOD BLOCKING SECURELY FASTENED TO EACH STUD (FIRE-TREATED AT FIRE-RATED WALLS).
- N. PAINT GUARDRAILS AND HANDRAILS ACCENT COLOR AS SELECTED BY ARCHITECT (COLOR TO BE ISSUED DURING CONSTRUCTION).

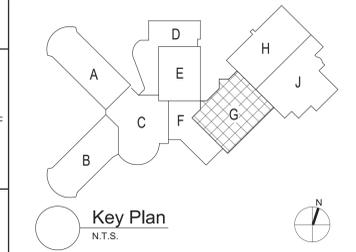
Room Finish Key

CWT1	CERAMIC WALL TILE TYPE 1
EF	EPOXY FLOORING - POURED
HPC	HIGH PERFORMANCE COATING
MCS	MOISTURE CONTROL SYSTEM
N	NO WORK REQUIRED
P	PAINT SURFACE(S) INCLUDING SOFFITS
QT	QUARRY TILE
RAF	RESILIENT ATHLETIC FLOORING
RF1	RUBBER FLOORING - TYPE 1
RS	RUBBER STAIR TREAD AND RISERS
RB	RUBBER BASE
VCT1	VINYL COMPOSITION TILE - TYPE 1

SEE REFLECTED CEILING PLAN
INDICATED CHANGE IN FLOOR FINISH
NOTE: ALL FINISHES LISTED MAY NOT BE REQUIRED FOR THIS PROJECT

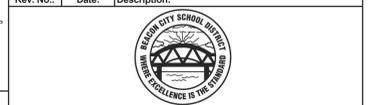
FINISHES SHOWN IN ROOM FINISH BOX ARE FOR ALL WALLS AND ENTIRE FLOOR AND CEILING. REFER TO EACH ROOM FOR MORE INFORMATION.	
RMB	WALL
CLG*	WALL
FLR	BASE

REFER TO DRAWING FA820 FOR GENERAL FINISH NOTES.
REFER TO DRAWING FA820 FOR GENERAL CASEWORK NOTES.



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TETRA TECH
ARCHITECTS & ENGINEERS

Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

Enlarged Plans and Sections - Area G

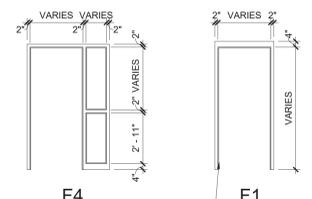
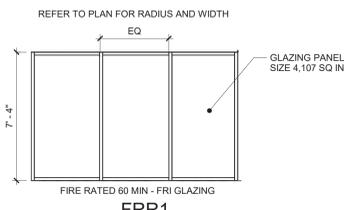
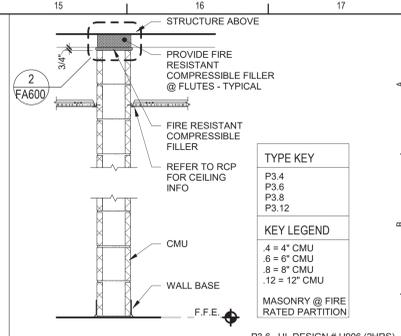
Drawn By: TLG	Date: 10/28/2022	Drawing Number: FA401
Project No.:	279180-22004	

ROOM NUMBER	DOOR NUMBER	TYPE	DOOR					FRAME					HDW SET	REMARKS			
			MATERIAL	WIDTH	HEIGHT	RATING	GLAZING	TYPE	MATERIAL	WIDTH	HEIGHT	RATING			GLAZING	HEAD	JAMB
A207	1	N	WD	3'-0"	7'-2"	-	FC	F4	HM	3'-4"	7'-4"	-	H-13	J-13	-	04	
A208	1	N	WD	3'-0"	7'-0"	20 MIN	FP	F1	HM	3'-4"	7'-4"	20 MIN	-	H-1	J-1	-	10
A208	2	N	WD	3'-2"	7'-0"	-	FC	F1	HM	3'-4"	7'-4"	-	H-13	J-13	-	11	
A208	3	N	WD	3'-0"	7'-0"	-	FC	F1	HM	3'-4"	7'-4"	-	H-13	J-13	-	04	

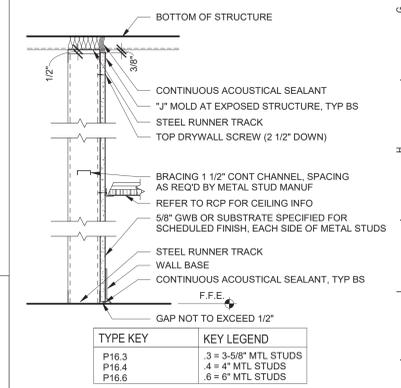
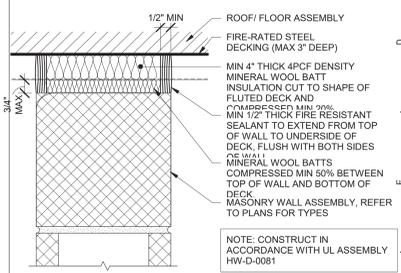
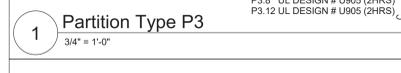
GENERAL NOTES:
VERIFY ALL DIMENSIONS IN THE FIELD

SPECIFIC NOTES:
- NOT APPLICABLE
1. DOOR/GATE AND HARDWARE BY LIFT MANUFACTURER

N DOOR TYPES



FRAME TYPES

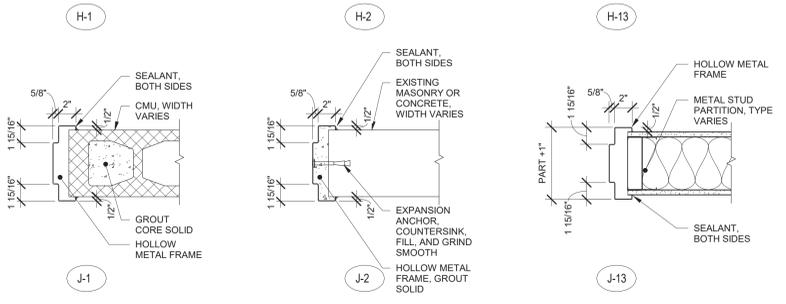
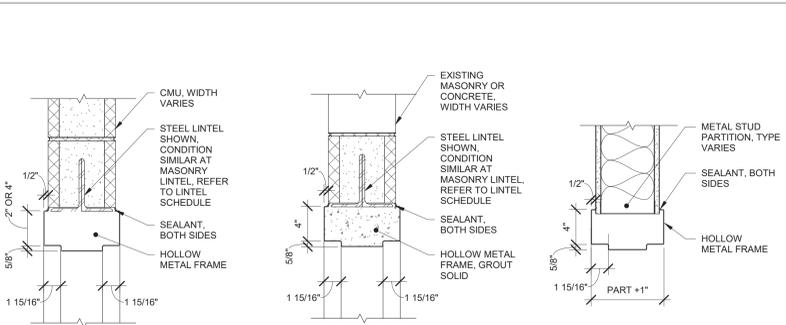


General Door Notes

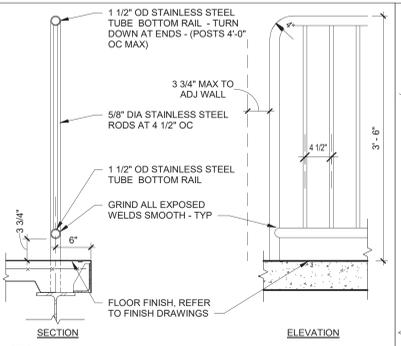
- HARDWARE ON DOORS FROM SPACES OF PUJPL OCCUPANCY SHALL BE A TYPE WHICH WILL ALWAYS PERMIT THE DOOR TO BE OPENED FROM THE INSIDE WITHOUT DIRECT MANIPULATION OF ANY TYPE LOCKING DEVICE.
- METAL VISION PANEL TRIM SHALL BE PAINTED SAME COLOR AS DOOR FRAMES.
- ALL HM FRAMES IN CMU WALLS SHALL BE GROUTED SOLID.
- APPLY CONTINUOUS JOINT SEALANT TO ALL JOINTS BETWEEN FRAMES AND WALLS, TYP ALL.
- PAINT ALL HM DOORS AND FRAMES IN ACCORDANCE W/ SECTION 0900.
- PROVIDE LINTELS AT ALL DOOR AND WINDOW OPENINGS IN ACCORDANCE WITH LINTEL SCHEDULE ON STRUCTURAL DWGS.
- VERIFY SIZES OF ALL EXISTING OPENINGS IN SCHEDULE PRIOR TO FIRST SUBMISSION OF SHOP DRAWINGS. NOTIFY ARCHITECT IF ANY ARE LESS THAN CODE MINIMUM HEIGHT OF 6'-8\"/>

General Window Notes

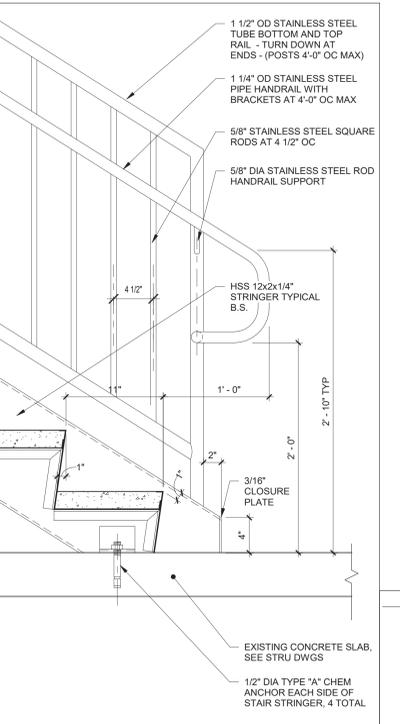
- INSULATING GLASS UNITS SHALL BE TYPE ____, TYP UNO.
- RESCUE WINDOWS ARE INDICATED BY THE DESIGNATION "RW".
- PROVIDE ALL ALUMINUM FLASHINGS, RECEIVERS, TRIM AND SILLS REQUIRED FOR A COMPLETE AND FINISHED INSTALLATION REGARDLESS OF IF SHOWN ON DRAWINGS.
- REFER TO WINDOW TREATMENTS AS SHOWN ON DRAWINGS.
- GLAZING SYSTEMS FRAME TYPE KEY:
 - C ALUMINUM CURTAIN WALL
 - F HOLLOW METAL
 - S ALUMINUM STOREFRONT
 - W ALUMINUM WINDOWS
 - FRR FIRE RESISTANCE RATED
- PROVIDE INTERNAL STEEL REINFORCEMENT TO WINDOW, STOREFRONT AND CURTAIN WALL SYSTEMS AS REQUIRED TO COMPLY WITH WIND LOADING OR OTHER DESIGN CRITERIA, OR AS RECOMMENDED BY MANUFACTURER.
- ALUMINUM WINDOW, STOREFRONT AND CURTAIN WALL FRAME EXTRUSIONS ARE INTENDED AS GENERIC GRAPHIC REPRESENTATIONS ONLY.



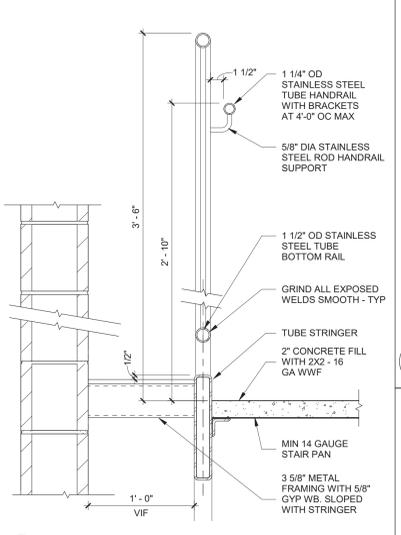
12 Hollow Metal Frame Details



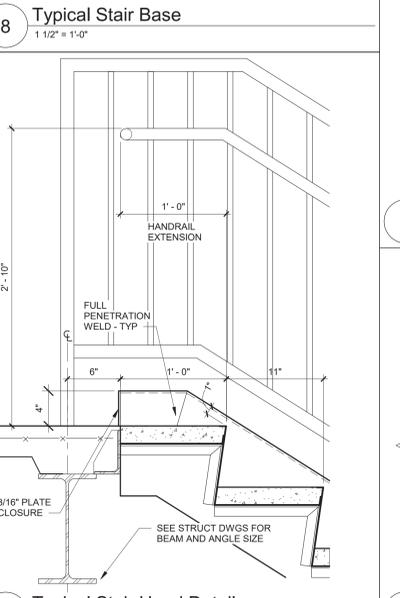
10 Guardrail Section Detail



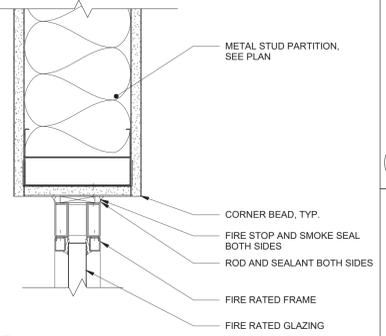
8 Typical Stair Base



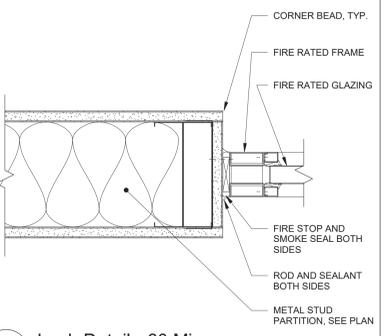
11 Typical Wall Stringer Detail



9 Typical Stair Head Detail

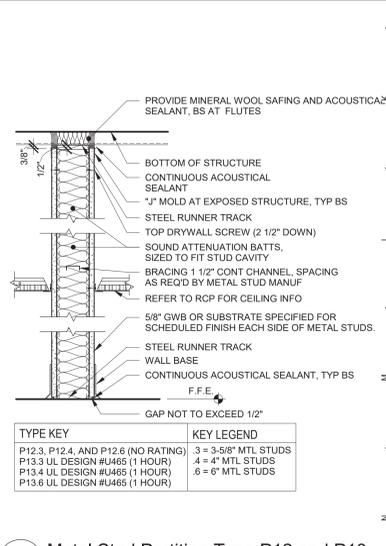


6 Head Detail - 60 Min

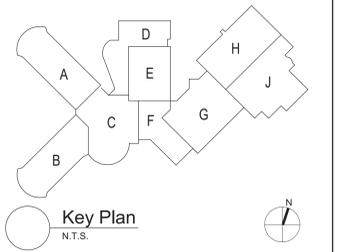


7 Jamb Detail - 60 Min

3 Metal Stud Partition Type P16

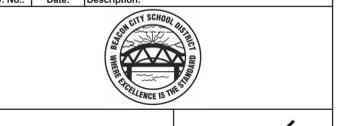


4 Metal Stud Partition Type P12 and P13



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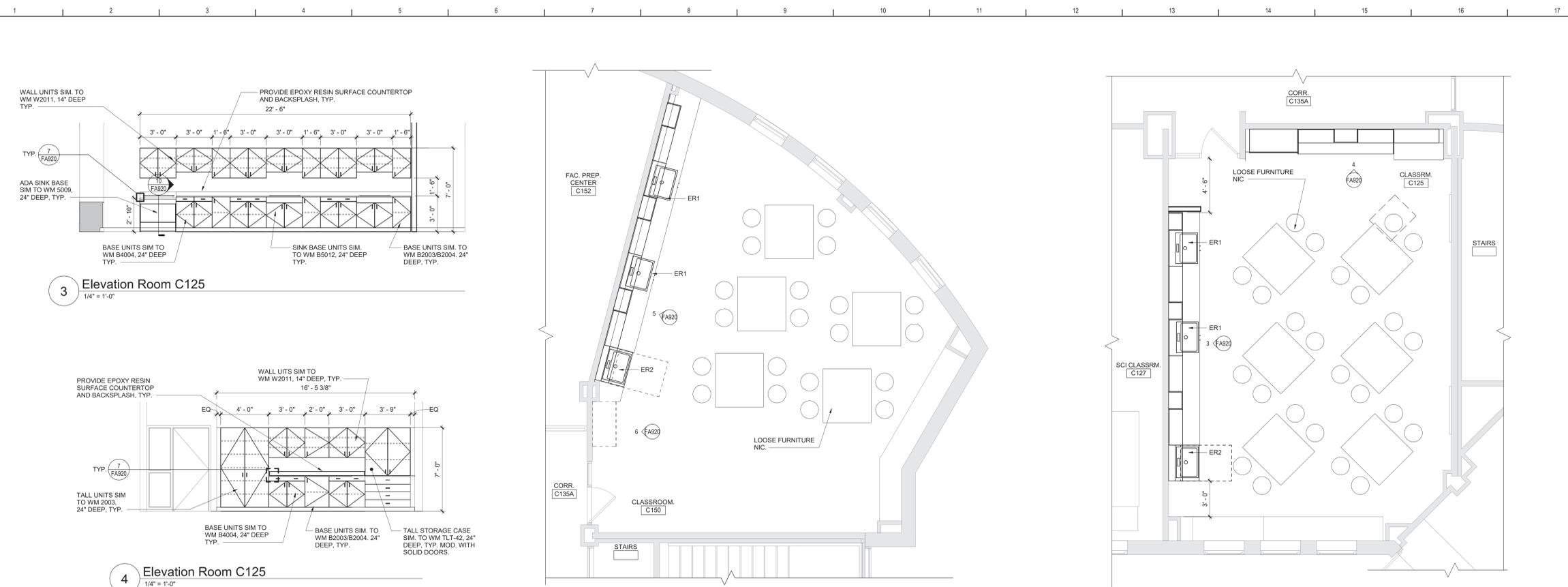
Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

Door Schedule, Door, Window and Wall Types, and Details

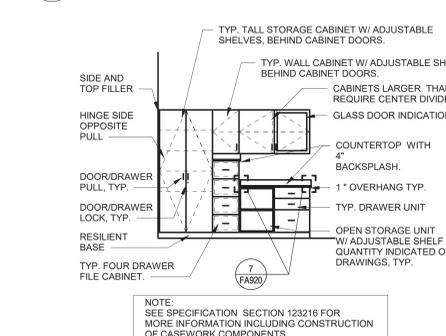
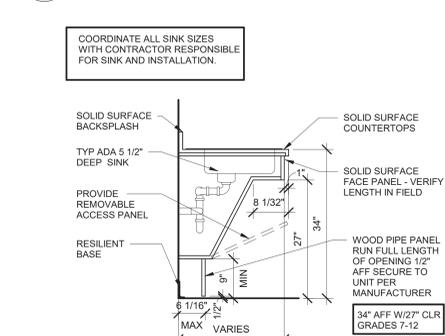
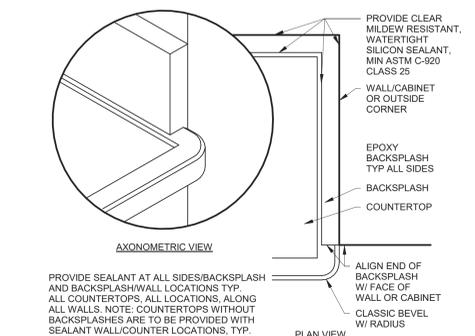
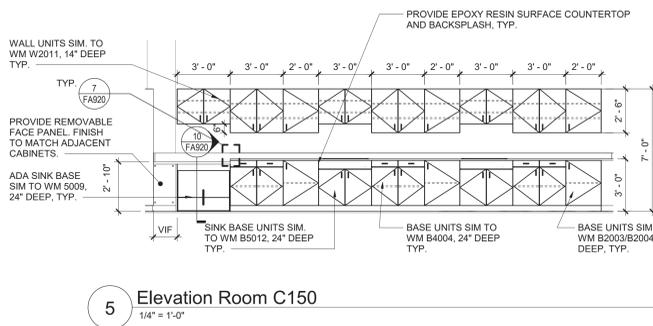
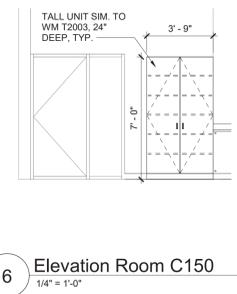
Drawn By: TLG Date: 10/28/2022 Drawing Number:
Project No.: 279180-22004 FA600

BID SET



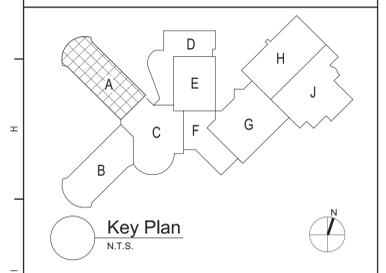
General Wood Casework Notes

- FOR ALL CONTRACTOR RESPONSIBILITIES REFER TO SPECIFICATION SECTION 01 10 00 01 12.00.
- THE CASEWORK SHOWN ON THE DRAWINGS IS BASED ON WOOD METAL WOOD CASEWORK. REFER TO THE PROJECT MANUAL, SECTION 12 32 13 FOR DETAILED SPECIFICATIONS.
 - ALL STANDARD CASEWORK DIMENSIONS TO BE MODIFIED TO CORRESPOND WITH THE DIMENSIONS NOTED ON THE DRAWINGS. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF CABINETS.
 - MODEL NUMBERS LISTED ON DRAWINGS APPLY TO ELEVATIONS SHOWN. PROVIDE OPPOSITE HAND MODELS WHERE SHOWN.
 - PROVIDE FULL DEPTH SHELVES AT BASE, WALL AND TALL CABINETS, UNLESS NOTED OTHERWISE.
 - BASE AND TALL CABINETS ARE 24 INCHES DEEP. U.N.D. WALL CABINETS ARE 14 INCHES DEEP. UNO BASE CABINET DEPTH DOES NOT INCLUDE 1" COUNTERTOP OVERHANG, TYP.
 - PROVIDE FINISHED ENDS, BACK EXTENSIONS, SCRIBES AND FINISHED FILLER PANELS ON ALL CABINETS. FILLER PANELS ARE NOT TO EXCEED 3" WIDE, UNLESS NOTED OTHERWISE. PROVIDE TOP AND BOTTOM FILLER PANELS AT ALL BASE & WALL UNITS. SUBMIT SHOP DRAWINGS SHOWING DETAILS OF THESE CONDITIONS.
 - ALL COUNTERTOPS TO BE EPOXY RESIN W/ MARINE EDGE UNLESS NOTED OTHERWISE. BACKSPASHES TO BE 4" HIGH, TYP. DO NOT PROVIDE BACKSPASHES AT UV WALL UNLESS NOTED OTHERWISE. PROVIDE CAULK AT ALL JOINTS PROVIDE MARINE EDGE AT LOUVER LOCATIONS, TYP.
 - RADIUS COUNTERTOPS AT NON MARINE EDGE OF EPOXY COUNTERTOPS ENDS MEETING TALL SHELVING UNITS WITH A DEPTH LESS THAN COUNTERTOP DEPTH. RADIUS TO BE 1-1/2" UNLESS NOTED OTHERWISE. REFER TO DETAILS.
 - PROVIDE COUNTERTOP CUT-OUTS FOR SINK, FAUCETS, AIR AND/OR GAS COCKS, COORDINATE WITH ALL REQUIRED CONTRACTORS.
 - PROVIDE CUTS AT ALL CONDITIONS THAT INTERFERE WITH COUNTERTOPS/CABINETS. SCRIBE TO FIT.
 - PROVIDE THE FOLLOWING AT EACH SCIENCE ROOM:
* FIRE BLANKET WITH STEEL CABINET
* FIRST AID KIT WITH WALL KIT
REFER TO SPEC SECTION FOR MORE INFORMATION.
 - ALL SINKS AND ACCESSORIES ARE AS PER SPECIFICATION SECTION 22 42 16.16 WITH THE EXCEPTION OF EPOXY RESIN SINKS. EPOXY RESIN SINK SIZES ARE AS FOLLOWS: (ID)
TYPE "ER1"- 24 X 16 X 4
TYPE "ER2"- 24 X 16 X 4 ADA
 - PROVIDE AT ALL UV SHELVING LOCATIONS-REMOVABLE BACKS IN CABINETS AT PLUMBING AND FIN TUBE VALVE LOCATIONS. VERIFY POSITIONS OF VALVES PRIOR TO SHOP FABRICATION OF ALL CABINETS.
 - PROVIDE SHOP DRAWINGS SHOWING LOCATIONS AND DETAILS FOR ALL GRILLES, LOUVERS, REMOVABLE PANELS, VALVE LOCATIONS ECT. ASSOCIATED WITH CASEWORK COORDINATE WITH ALL REQUIRED CONTRACTORS.
 - PROVIDE CABINETS WITH FINISHED SIDES, INCLUDING BUT NOT LIMITED TO, LOCATIONS OF ADJACENT CABINETS OR EQUIPMENT WITH A DEPTH LESS THAN CABINET OR EQUIPMENT.
 - PROVIDE ALL STANDARD FEATURES OF CASEWORK UNITS AS INDICATED BY MODEL NUMBER OR AS SHOWN ON PLANS. DETAILS AND ELEVATIONS, INCLUDED BUT NOT LIMITED TO: OUTLETS, SWITCHES, LIGHTS ETC.
 - PROVIDE BLOCKING AT NEW AND EXISTING GYPSUM BOARD WALLS PER MANUFACTURER RECOMMENDATIONS FOR SUPPORT OF WALL (TALL MOUNTED UNITS. REFER TO SPECIFICATION SECTION 06 10 00 FOR WOOD BLOCKING RESPONSIBILITIES.
 - PROVIDE LOCKS AT ALL CASEWORK DOORS/DRAWERS AND FILE UNITS TYP.
 - PROVIDE ALL CUTOUTS AS SHOWN ON CASEWORK PLANS AND ELEVATIONS OR AS REQUIRED. CUTOUTS ARE TO INCLUDE BUT NOT LIMITED TO: ALL ELEC BOXES, OUTLETS, AND ASSOCIATED WIRING AND FINAL HOOK-UP.
 - PROVIDE REMOVABLE BACK PANELS AT ALL SINK BASE.
 - REFER TO BOTH 1/8" AND 1/4" PLANS FOR LAYOUTS.



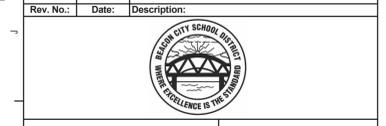
General Finish Notes

- ALL FINISH PRODUCTS ARE TO BE INSTALLED IN ACCORDANCE WITH CONTRACT SPECIFICATION AND MANUFACTURER'S INSTRUCTIONS. REFER TO SPECIFICATIONS AND FINISH DETAILS FOR ADDITIONAL INFORMATION ON INSTALLATION OF SPECIFIED MATERIALS.
- ALL PAINTS FOR INTERIOR AND EXTERIOR ARE TO BE APPLIED IN ACCORDANCE WITH SPECIFICATION SECTION 09 91 00 AND 09 96 00.
 - ALL EXPOSED STRUCTURES, INCLUDING BUT NOT LIMITED TO PIPES AND FIREPROOFING, CONDUIT, AND ALL ASSOCIATED EQUIPMENT ARE TO BE PAINTED.
 - APPLY PAINT TO BOTH NEW AND EXISTING ITEMS IN ALL AREAS INDICATED WITH A FINISH BOX AND/OR NOTES - THESE ITEMS ARE INCLUDING BUT ARE NOT LIMITED TO:
- BEAMS, DOORFRAMES - BOTH SIDES
- GLAZING FRAMES IN DOOR/WALLS - BOTH SIDES, ALL EXPOSED STAIR PARTS INCLUDING RAILINGS, HAND AND GUARD RAILS, STRINGERS AND UNDERSIDES OF STAIRS, ALL ITEMS ARE TO BE ACCENT COLORS.
 - PATTERNS FOR FLOORS AND WALLS ARE ISSUED DURING THE CONSTRUCTION PHASE-PROVIDE SHOP DRAWINGS INCLUDING ALL ACCENT LOCATIONS. SUBMIT SHOP DRAWINGS SHOWING DETAILED LAYOUTS OF EACH AREA INCLUDING EDGES AND TRANSITIONS. ALL LAYOUTS ARE TO BE CENTERED IN EACH ROOM UNO - TYP ALL DRAWINGS ABOVE REQUIREMENTS ARE TO INCLUDE BUT NOT LIMITED TO:
- VCT
- RUBBER
 - FIELD AND ACCENT PAINT ARE ISSUED DURING THE CONSTRUCTION PHASE, CONTRACTOR IS TO ASSUME ALL FIELD AND ACCENT COLORS ARE DIFFERENT ROOM TO ROOM, AS WELL AS WITHIN EACH ROOM. REQUIREMENTS ARE TO INCLUDE BUT ARE NOT LIMITED TO:
- WALL, FIELD COLOR
- WALL, ACCENT COLOR
- CEILING CLOUDS, ACCENT COLOR
- SOFFITS, ACCENT COLOR
- DOOR AND WINDOW FRAMES, ACCENT COLOR
- EXPOSED COLUMNS, ACCENT COLOR
- GUARDRAILS, ACCENT COLOR
- HANDRAILS, ACCENT COLOR
- EXPOSED DECKS, ACCENT COLOR
- EXPOSED JOISTS, ACCENT COLOR
- EXPOSED DUCTWORK, ACCENT COLOR
 - CONFIRM WITH OWNER AND ARCHITECT PRIOR TO PAINTING OVER MURALS ON EXISTING SURFACES.
 - REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF SLAB DEPRESSIONS. REFER TO FINISH MATERIAL SPECIFICATION SECTIONS FOR SLAB DEPRESSION DEPTH REQUIREMENTS.
 - FOR ALL RENOVATED AREAS REQUIRING FINISH WORK REMOVE, PROTECT AND REINSTALL MOVABLE EQUIPMENT INCLUDING BUT NOT LIMITED TO: BOARD UNITS, LOCKERS GYM EQUIPMENT, SHADES/BLINDS, BOOKCASES ETC. REINSTALL IN ORIGINAL LOCATION, OR AS NOTED ON DRAWINGS. COORDINATE WITH OWNER. REFER TO SPEC SECTION 01 23 00 ALTERATION PROJECT PROCEDURES FOR MORE INFORMATION.
 - INSTALLER IS TO FIELD VERIFY ALL EXG AND NEW FLOOR DRAIN LOCATIONS IN ALL EXG AND NEW SLABS AS PART OF THIS PROJECT.
* REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR DEMO AREAS AND REQUIREMENTS.
* REFER TO PLUMBING DRAWINGS FOR EXG AND NEW FLOOR DRAIN LOCATIONS.
* REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF SLAB DEPRESSIONS.
* REFER TO FINISH DRAWINGS FOR LOCATIONS OF NEW FLOOR FINISH MATERIALS AND FLOORING SLOPE.
* REFER TO FINISH MATERIAL SPECIFICATION SECTIONS FOR SLAB DEPRESSION DEPTH REQUIREMENTS.
 - PROVIDE ALL FINISHES AS INDICATED BY ROOM FINISH BOX AND/OR AS NOTED ON DRAWINGS.



S.E.D. Control No. 13-02-00-01-0-020-012

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Beacon City School District
Beacon, New York

Reconstruction of:
Beacon High School

Enlarged Plans and Elevations

Drawn By: MHH	Date: 10/28/2022	Drawing Number: FA920
Project No.:	279180-22004	

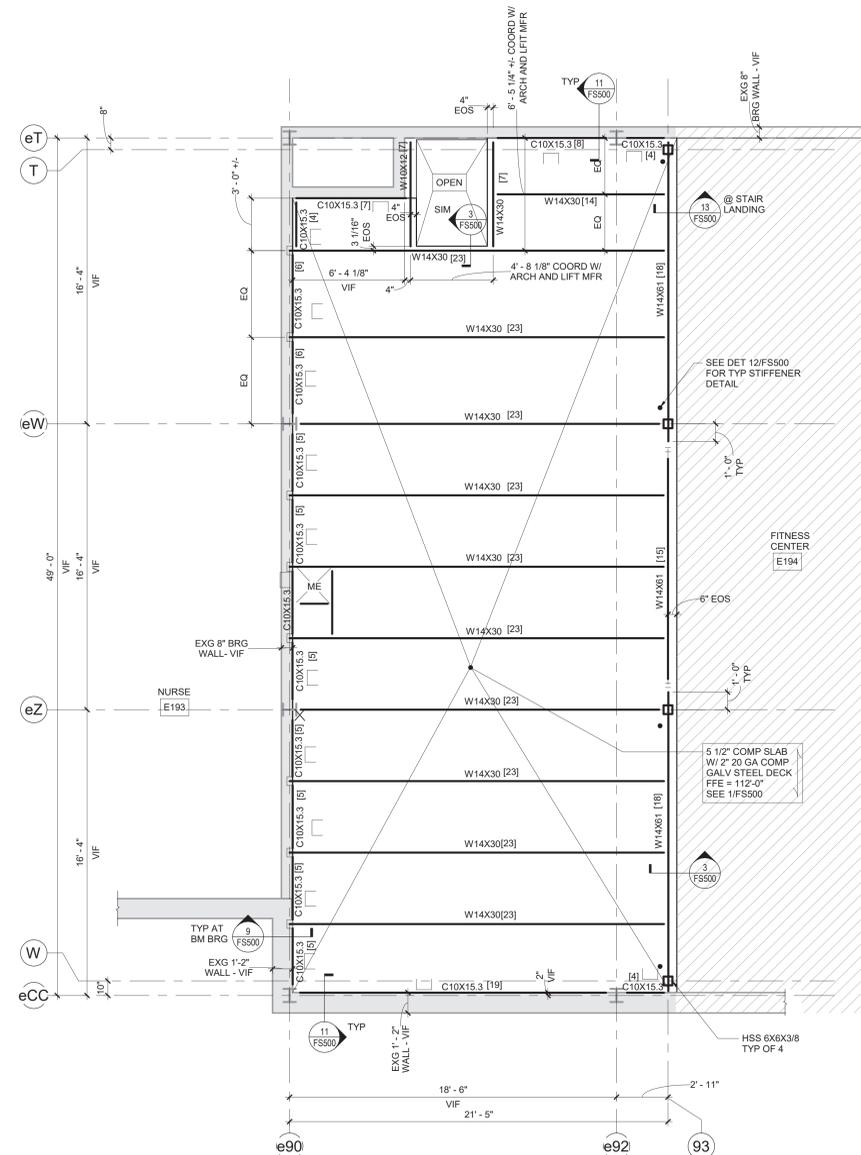
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Structural Loads

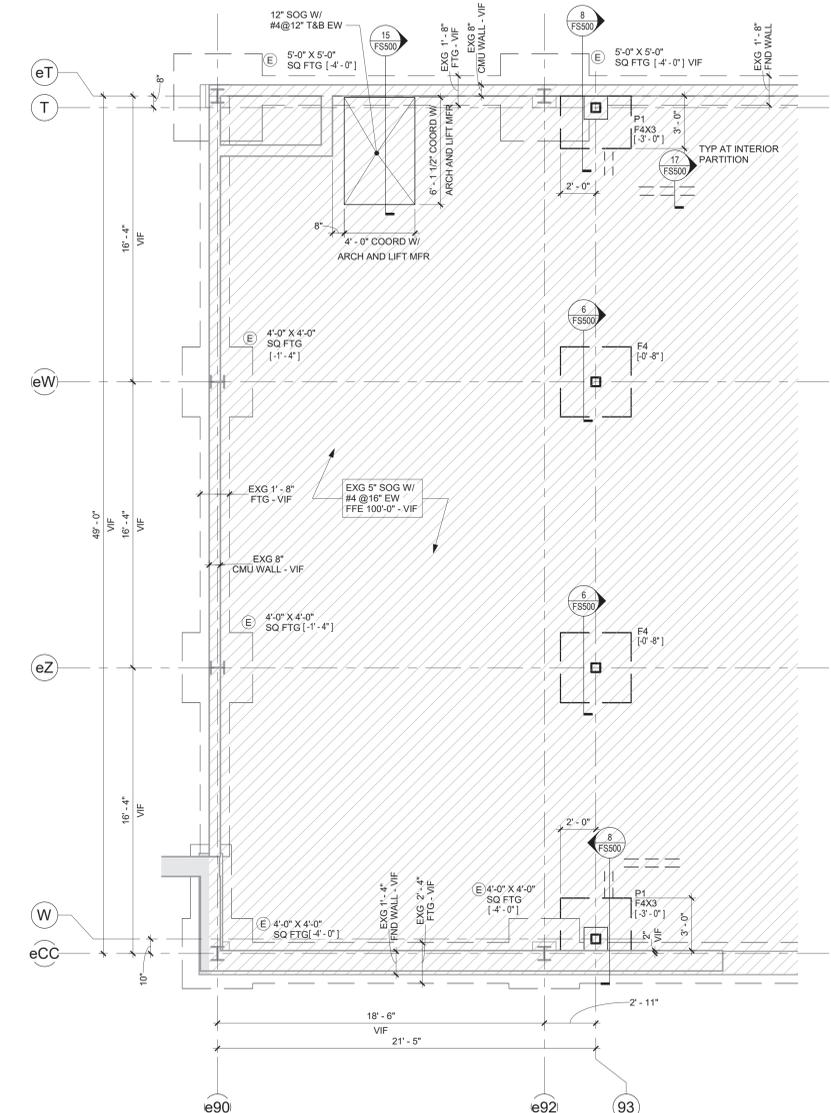
A. FLOOR LIVE LOADS PER BCNYS 1607	UNIFORM
OCCUPANCY OR USE	100 PSF
FITNESS MEZZANINE	
REDUCTION IN LIVE LOADS HAS BEEN APPLIED WHERE PERMITTED PER 1607.11	
B. ROOF LIVE LOADS PER BCNYS 1607.13	
MINIMUM ROOF LIVE LOAD	20 PSF
C. RAIN LOADS PER BCNYS 1611	
RAIN INTENSITY, I	2.75 IN/HR
RAIN LOAD, R	16 PSF
RAIN SURCHARGE LOAD HAS BEEN APPLIED TO AREAS WHERE PONDING OCCURS IN ACCORDANCE WITH BCNYS 1611.1.	
D. SNOW LOADS PER BCNYS 1608	
GROUND SNOW, P _g (FIGURE 1608.2)	30 PSF
FLAT ROOF SNOW LOAD, P _f (ASCE 7)	25.2 PSF
SNOW EXPOSURE FACTOR, C _e	1.0
THERMAL FACTOR, C _t	1.0
SLOPE FACTOR, C _s	1.0
SNOW LOAD IMPORTANCE FACTOR, I _s	1.2
ADDITIONAL SNOW LOADS HAVE BEEN APPLIED TO AREAS WHERE DRIFTING OCCURS IN ACCORDANCE WITH BCNYS 1608.	
E. WIND LOAD DESIGN CRITERIA PER BCNYS 1609	
BASIC DESIGN WIND SPEED (3 SECOND GUST), V	126 MPH
ALLOWABLE STRESS DESIGN WIND SPEED, V _{ASD}	97.6 MPH
RISK CATEGORY	IV
EXPOSURE CATEGORY	B
INTERNAL PRESSURE COEFFICIENT, GCP _i	+/- 0.18
F. SEISMIC DESIGN CRITERIA PER BCNYS 1613	
RISK CATEGORY	IV
SEISMIC IMPORTANCE FACTOR, I _s	1.50
MAPPED SPECTRAL RESPONSE ACCELERATION AT SHORT PERIODS, S _s	23.3 %g
AT 1 SECOND PERIODS, S ₁	5.7 %g
SITE CLASS	D (DEFAULT)
DESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIODS, S _{ds}	24.9 %g
AT 1 SECOND PERIODS, S _{d1}	9.1 %g
SEISMIC DESIGN CATEGORY	C

General Notes:

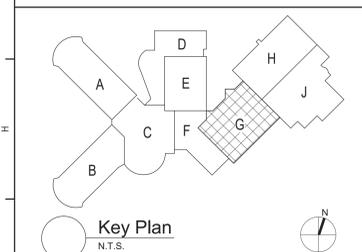
- A. DIMENSIONS AND ELEVATIONS SHOWN ON PLAN AS PLUS/MINUS (+/-) AND VIF ARE TO BE CONSIDERED APPROXIMATE. EXACT VALUES FOR ALL (+/-) AND VIF DIMENSIONS ARE TO BE DETERMINED BY THE CONTRACTOR IN THE FIELD THROUGH A PRELIMINARY BUILDING LAYOUT CONTRACTOR TO VERIFY EXISTING DIMENSIONS, ELEVATIONS AND CONDITIONS AND NOTIFY A/E OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK. COORDINATE INFORMATION WITH OTHER TRADES.
- B. ALL UNDERGROUND UTILITIES WITHIN THE NEW BUILDING FOOTPRINT ARE TO BE REMOVED PRIOR TO BEGINNING FOUNDATION WORK IN THAT AREA (UNLESS NOTED OTHERWISE). REFER TO SITE DWGS FOR REMOVAL.
- C. BOTTOM OF NEW FOOTING ELEVATIONS ARE TO MATCH THE BOTTOM OF ADJACENT EXISTING FOOTING ELEVATIONS UNLESS OTHERWISE NOTED.
- D. TOP OF FOOTING ELEVATION IS [-4'-0"] FROM DATUM ELEVATION 100'-0", UNLESS INDICATED AS [XX'-XX"] ON PLAN.
- E. TOP OF FOUNDATION WALL ELEVATION IS EQUAL TO DATUM ELEVATION 100'-0" UNDO.
- F. TOP OF PIER ELEVATION IS (-8) FROM DATUM ELEVATION 100'-0", UNLESS INDICATED AS [XX'-XX"] ON PLAN.
- G. REFER TO SHEETS FS500 FOR TYPICAL FOUNDATION WALL AND SLAB DETAILS.
- H. CONCRETE SLABS ON DECK ARE TO BE 4000 PSI AND REINFORCED WITH FIBERS AND WELDED WIRE FABRIC UNLESS NOTED OTHERWISE. CURE SLAB PER SPEC 03 30 00. COMPOSITE DECK TO BE GALVANIZED WITH DEPTH AND GAUGE AS SHOWN ON PLANS.
- I. ALL SLABS ON GRADE ARE TO BE 5" THICK, 3500 PSI FIBER REINFORCED CONCRETE UNLESS NOTED OTHERWISE ON PLANS.
- J. ALL BEAM/JOIST ARE SPACED EQUALLY BETWEEN COLUMN LINE UNDO.



3 Second Mezzanine Floor Framing Plan - Area G
 1/4" = 1'-0"
 DATUM FOR TOP OF STEEL IS AT FINISHED FLOOR ELEVATION 112'-0"
 ALL BEAMS ARE AT (-0' 5 1/2) UNLESS NOTED OTHERWISE



1 Foundation Plan - Area G
 1/4" = 1'-0"



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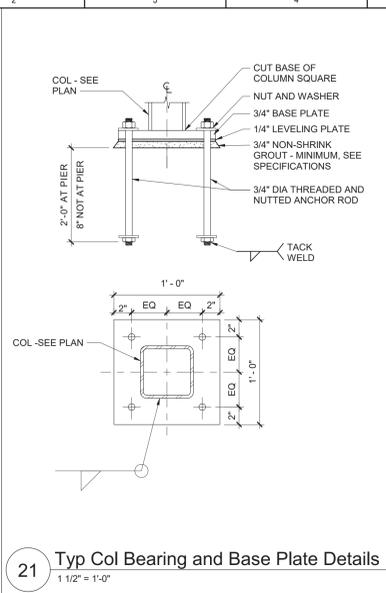


Beacon City School District
 Beacon, New York

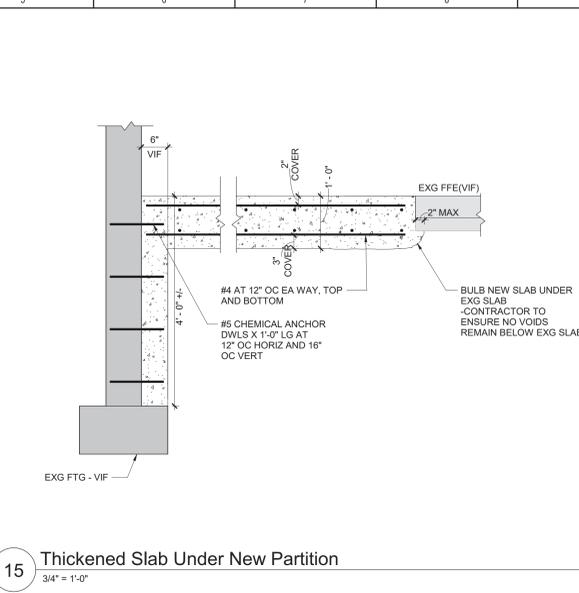
Reconstruction to:
 Beacon City High School

Partial Foundation and Framing Plan - Area G

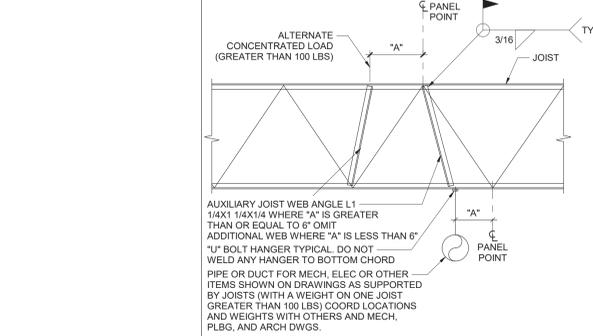
Drawn By: TTAE	Date: 10/28/2022	Drawing Number:
Project No.: 279180-22004	FS130	



21 Typ Col Bearing and Base Plate Details
1 1/2" = 1'-0"



15 Thickened Slab Under New Partition
3/4" = 1'-0"



19 Typ Aux Joist Web Member and Hanger
3/4" = 1'-0"

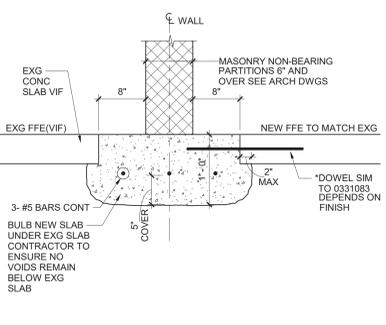
FTG MARK	FOOTING SIZE	THICKNESS	MAT BARS EACH WAY		
			QUANTITY OF BARS	BAR SIZE	SPACING c/c (in)
F3	3'-0" X 3'-0"	12"	4	#4	10.0
F3A	3'-0" X 3'-0"	16"	4	#4	10.0
F3.5	3'-6" X 3'-6"	12"	5	#4	9.0
F3.5A	3'-6" X 3'-6"	16"	5	#4	9.0
F4	4'-0" X 4'-0"	12"	6	#4	8.4
F4X3	4'-0" X 3'-0"	12"	5	#6	12
F4.5	4'-6" X 4'-6"	12"	6	#4	9.6
F4.5A	4'-6" X 4'-6"	16"	6	#4	9.6
F5	5'-0" X 5'-0"	12"	7	#4	9.0
F5A	5'-0" X 5'-0"	16"	7	#4	9.0
F5.5	5'-6" X 5'-6"	13"	6	#5	12.0
F5.5A	5'-6" X 5'-6"	16"	6	#5	12.0
F6	6'-0" X 6'-0"	14"	7	#5	11.0
F6A	6'-0" X 6'-0"	16"	7	#5	11.0
F6.5	6'-6" X 6'-6"	16"	6	#6	14.4
F7	7'-0" X 7'-0"	17"	6	#6	15.6
F7.5	7'-6" X 7'-6"	18"	7	#6	14.0
F8	8'-0" X 8'-0"	19"	6	#7	18.0
F8.5	8'-6" X 8'-6"	20"	7	#7	16.0
F9	9'-0" X 9'-0"	21"	10	#6	11.3
F9.5	9'-6" X 9'-6"	22"	9	#7	13.5
F10	10'-0" X 10'-0"	24"	9	#7	14.3

REFER TO TYPICAL SPREAD FOOTING DETAIL FOR BAR CONFIGURATION.
3000 PSF BEARING PRESSURE

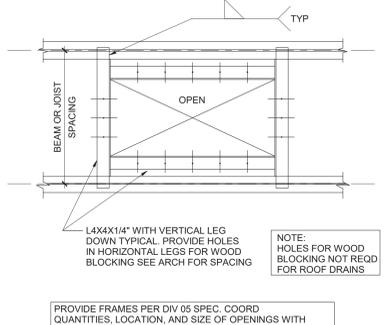
20 Typ Spread Footing Reinforcement1
12" = 1'-0"

- FOR 4" THICK WALLS
MASONRY OPENING UP TO 6'-4"
LINTEL ANGLE MT 6X5.9
 - FOR 6" THICK WALLS
MASONRY OPENING
LINTEL ANGLE
(5)
5'-0" 2-L3 1/2X2 1/2X5/16
6'-0" 2-L3X2 1/2X5/16 LLV
7'-0" 2-L3 1/2X2 1/2X5/16 LLV
8'-0" 2-L3 1/2X2 1/2X5/16 LLV
 - FOR 8", 12", AND 16" THICK WALLS
FOR EACH 4" THICKNESS OF WALL
MASONRY OPENING
LINTEL ANGLE
(5)
5'-0" L3 1/2X3 1/2X5/16
6'-0" L4X3 1/2X 5/16 LLV
7'-0" L5X3 1/2X5/16 LLV
8'-0" L5X3 1/2X5/16 LLV
9'-0" L6X3 1/2X5/16 LLV
10'-0" L6X3 1/2X5/16 LLV
- LINTEL NOTES**
- ALL OPENINGS 1'-0" AND OVER REQUIRE LITELS.
 - STEEL TO BE A36.
 - THIS SCHEDULE IS TYPICAL FOR ALL MASONRY OPENINGS IN NON-LOAD BEARING WALLS UNLESS OTHERWISE NOTED.
 - ALL LITELS TO HAVE MINIMUM 8" BEARING BOTH ENDS.
 - BACK TO BACK ANGLES ARE TO BE STITCH WELDED TOGETHER BEFORE PLACEMENT.
 - ALL LITELS ARE TO HAVE BOTH ENDS BEAR ON SOLID MASONRY OR SOLIDLY GROUTED HOLLOW MASONRY.
 - WHERE MINIMUM 8" BEARING LENGTH CANNOT BE PROVIDED DUE TO COLUMN INTERFERENCE, PROVIDE CONNECTION OF LINTEL TO COLUMN.
 - THIS LINTEL SCHEDULE IS APPLICABLE FOR USE IN EXISTING BUILDING, SHORE EXISTING STRUCTURE AND WALL AS REQD FOR INSTALLATION OF NEW MAS AND LINTEL. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.

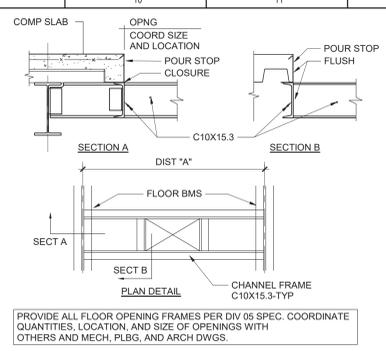
16 Lintel Schedule
12" = 1'-0"



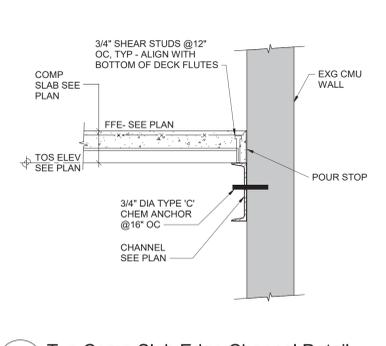
17 Thickened Slab Under New Partition
1" = 1'-0"



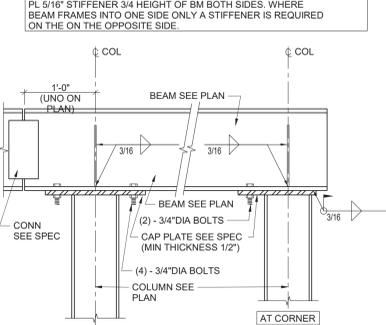
18 Typical Roof Opening Frame
3/4" = 1'-0"



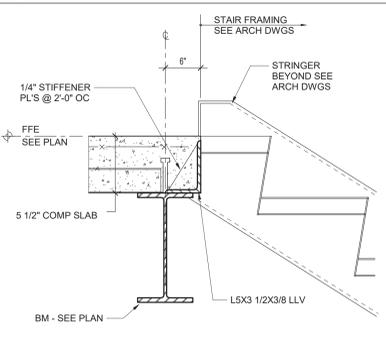
10 Typ Floor Opening Frame
3/4" = 1'-0"



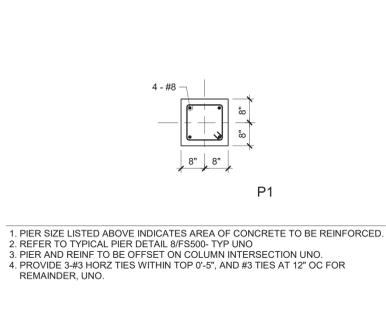
11 Typ Comp Slab Edge Channel Detail
1" = 1'-0"



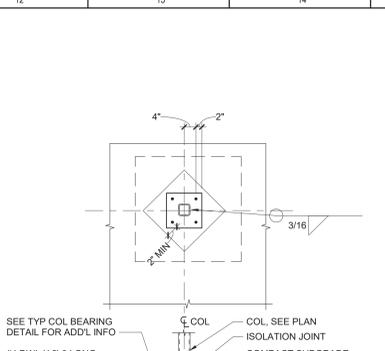
12 Typical Stiffener Detail
1" = 1'-0"



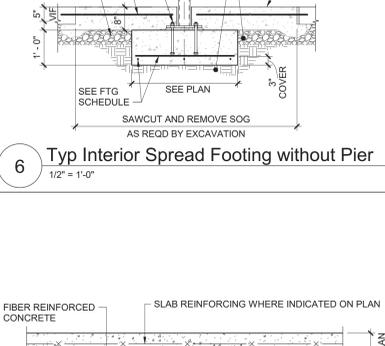
13 Typ Stair Landing Section
1 1/2" = 1'-0"



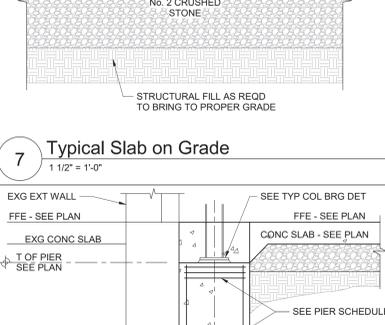
14 Pier Schedule
1/2" = 1'-0"



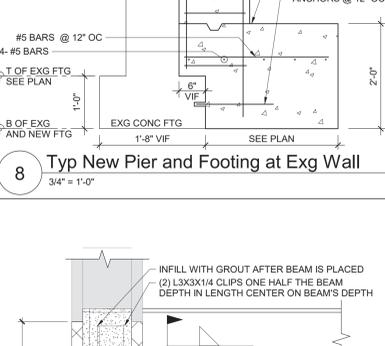
6 Typ Interior Spread Footing without Pier
1/2" = 1'-0"



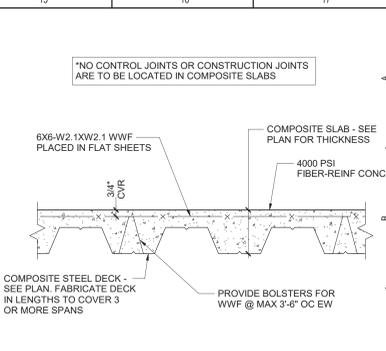
7 Typical Slab on Grade
1 1/2" = 1'-0"



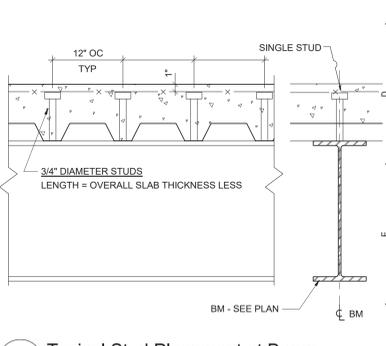
8 Typ New Pier and Footing at Exg Wall
3/4" = 1'-0"



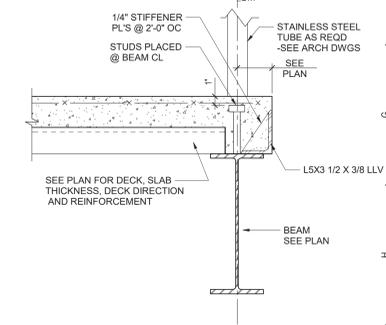
9 Typ Beam Bearing at Exg Detail
1 1/2" = 1'-0"



1 Typ Composite Slab Detail
1 1/2" = 1'-0"



2 Typical Stud Placement at Beam
1 1/2" = 1'-0"

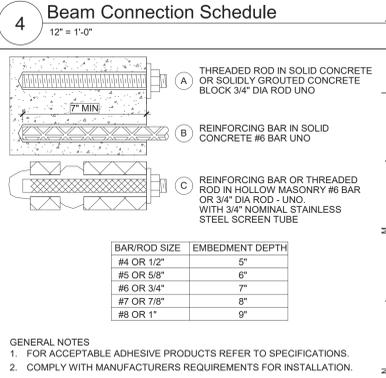


3 Typ Composite Slab Edge Beam Detail
1 1/2" = 1'-0"

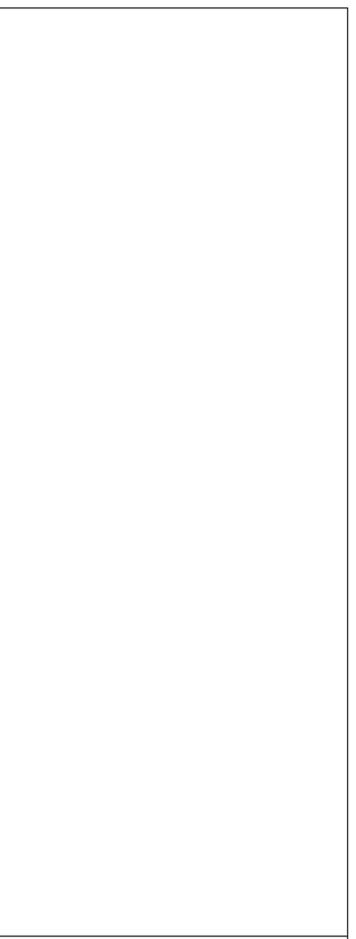
4 Beam Connection Schedule
12" = 1'-0"

UNLESS NOTED OTHERWISE, BEAM TO COLUMN AND BEAM TO GIRDER CONNECTIONS SHALL BE SIMPLE SHEAR CONNECTIONS UTILIZING FULLY PRETENSIONED HIGH-STRENGTH BOLTS IN BEARING-TYPE CONNECTIONS WITH THREADS INCLUDED IN THE SHEAR PLANE. DESIGN CHANNEL AND TUBE MEMBERS FOR THE SAME LOAD AS THE SAME DEPTH IN W SHAPE. THE CAPACITIES SHALL BE AS SHOWN BELOW, UNLESS OTHERWISE NOTED ON PLAN.

MINIMUM SHEAR CAPACITY SCHEDULE (FACTORED LOADS USING LRFD)			
W8	10KIPS	W24	80KIPS
W10	15KIPS	W27	100KIPS
W12	20KIPS	W30	120KIPS
W14	30KIPS	W33	140KIPS
W16	40KIPS	W36	180KIPS
W18	50KIPS	W40	220KIPS
W21	60KIPS	W44	260KIPS



5 Typ Chemical Anchors
3" = 1'-0"



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TETRA TECH ARCHITECTS & ENGINEERS

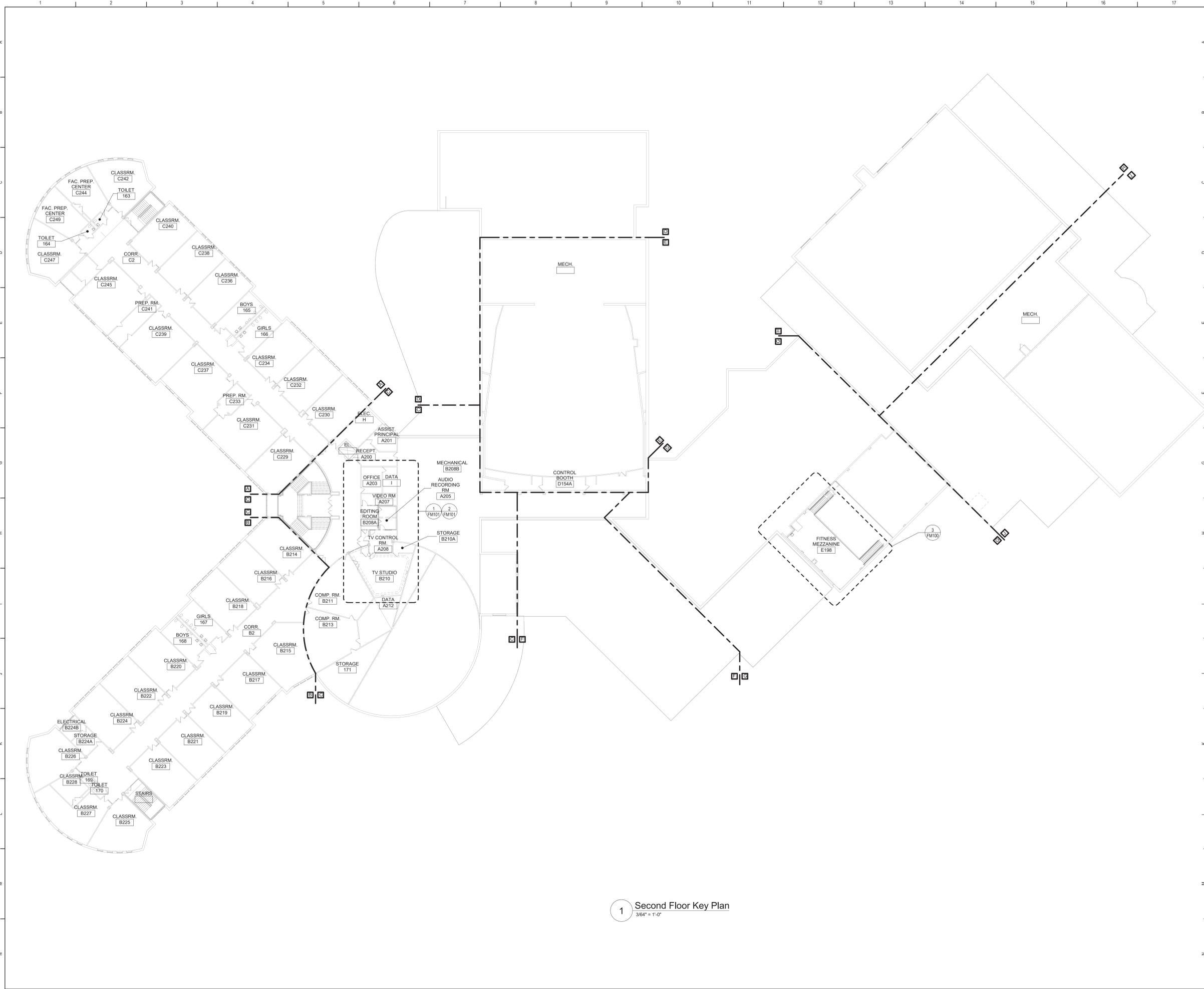
Beacon City School District
Beacon, New York

Reconstruction to:
Beacon City High School

Typical Details

Drawn By: DMB/kjr Date: 10/28/2022 Drawing Number: 279180-22004

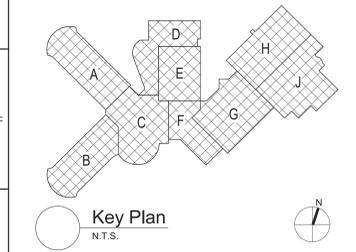
FS500



1 Second Floor Key Plan
3/64" = 1'-0"

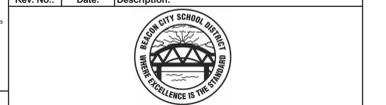
General Notes

A. REFER TO FM051 FOR GENERAL NOTES.



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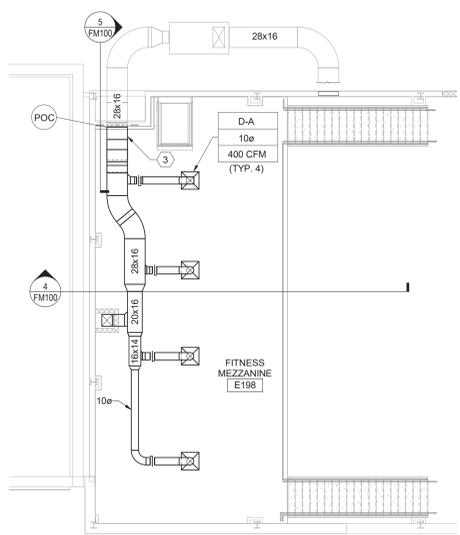
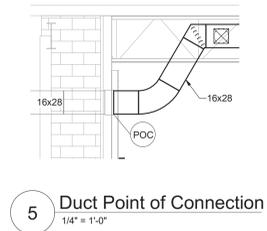
Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

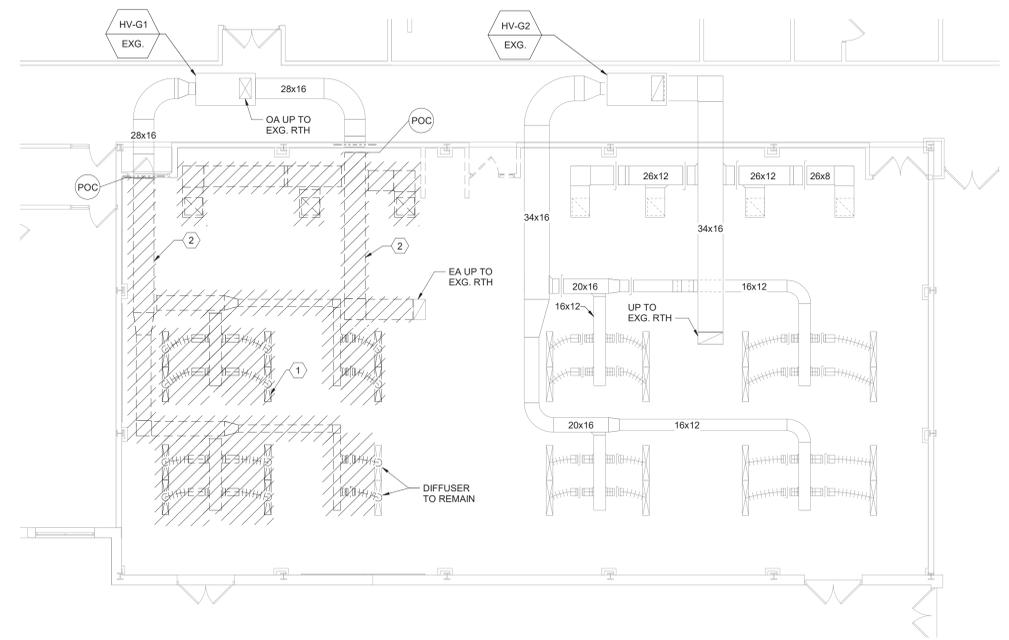
Second Floor Key Plan

Drawn By: JPF/1/vz	Date: 10/28/2022	Drawing Number:
Project No.: 279180-22004	FM052	

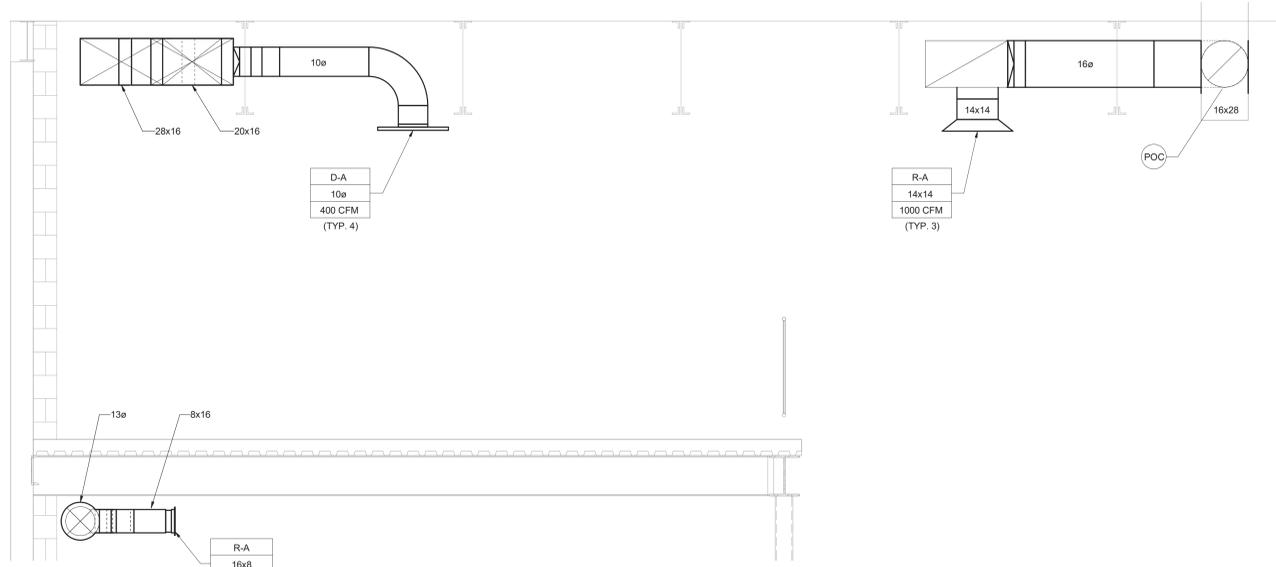
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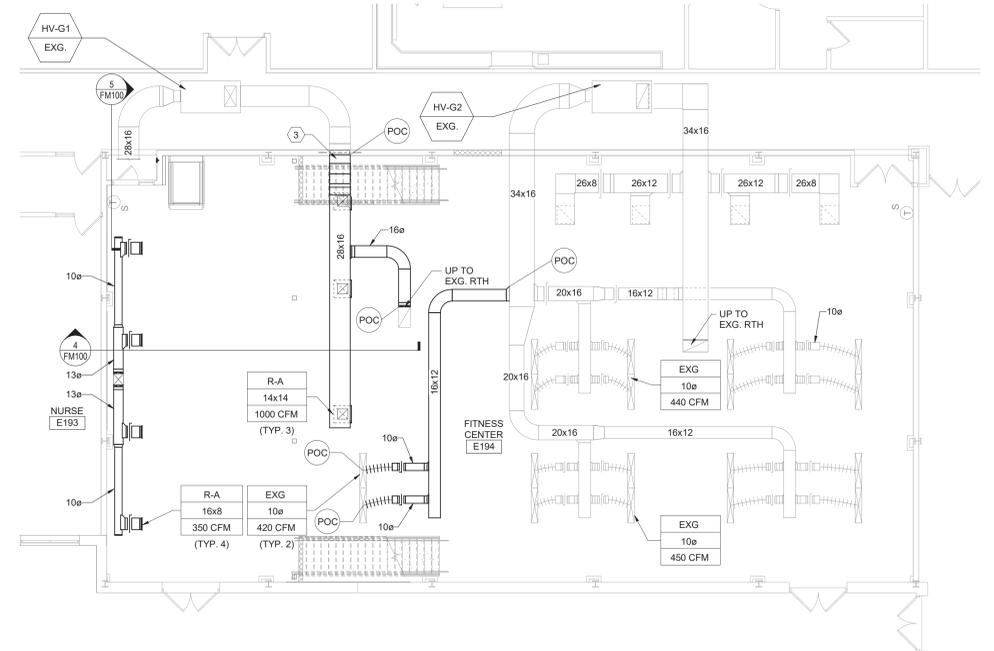
3 Partial Second Floor Plan - Area G
1/8" = 1'-0"



1 Partial First Floor Demolition Plan - Area G
1/8" = 1'-0"

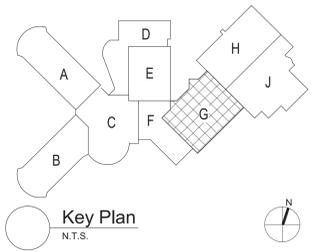


4 Duct Section
1/2" = 1'-0"



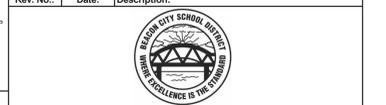
2 Partial First Floor Plan - Area G
1/8" = 1'-0"

- General Notes**
- A. REFER TO FM051 FOR GENERAL NOTES.
- Keyed Notes**
- 1 REMOVE GRILLES AND ALL ASSOCIATED ACCESSORIES. (TYPICAL)
 - 2 REMOVE DUCTWORK, AND ASSOCIATED ACCESSORIES TO POC AS SHOWN. PREPARE FOR RECONNECTION.
 - 3 PROVIDE 12x12 ACCESS DOOR FOR EXISTING FD.



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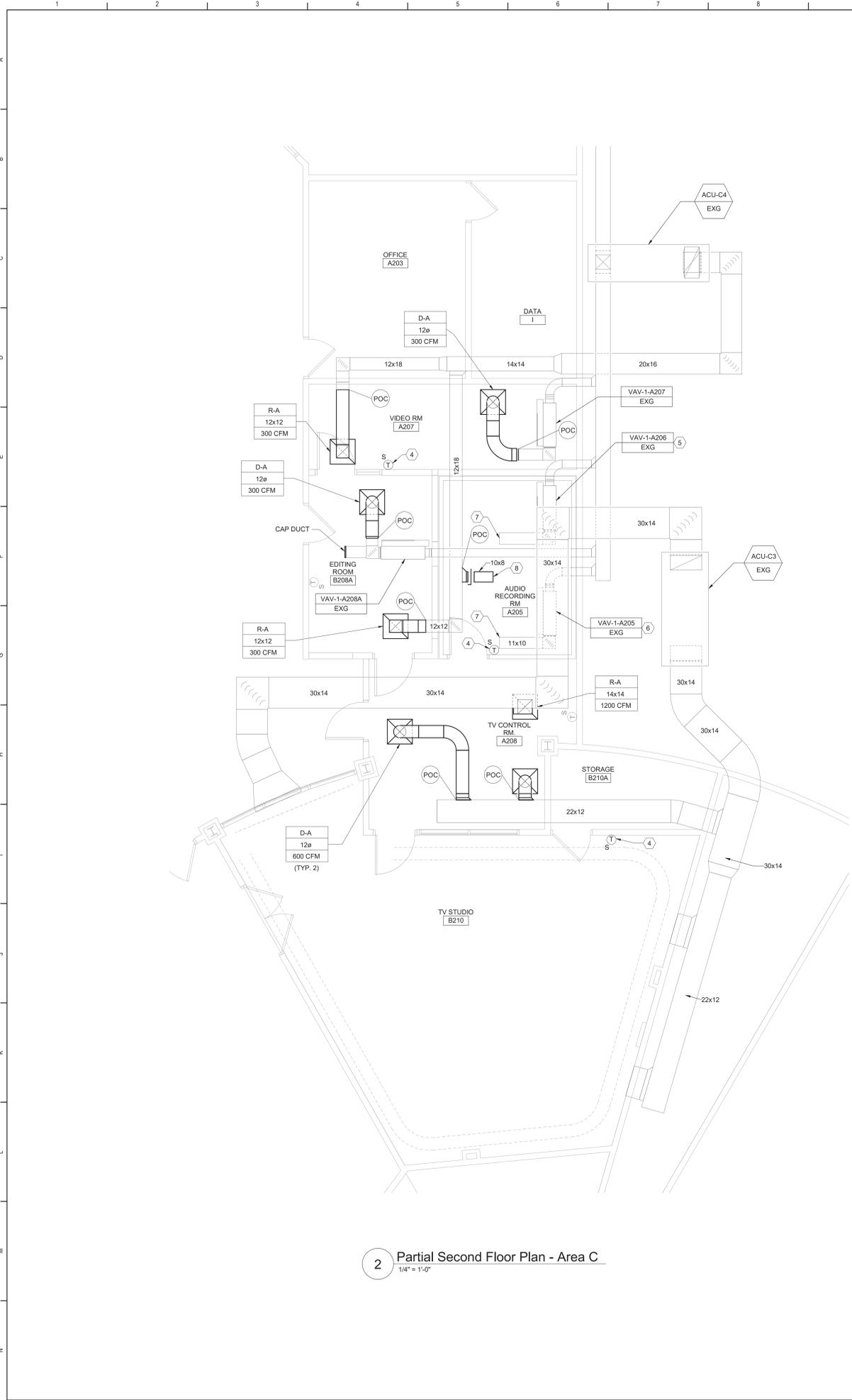
Reconstruction to:
Beacon High School

Partial Plans and Sections - Area G

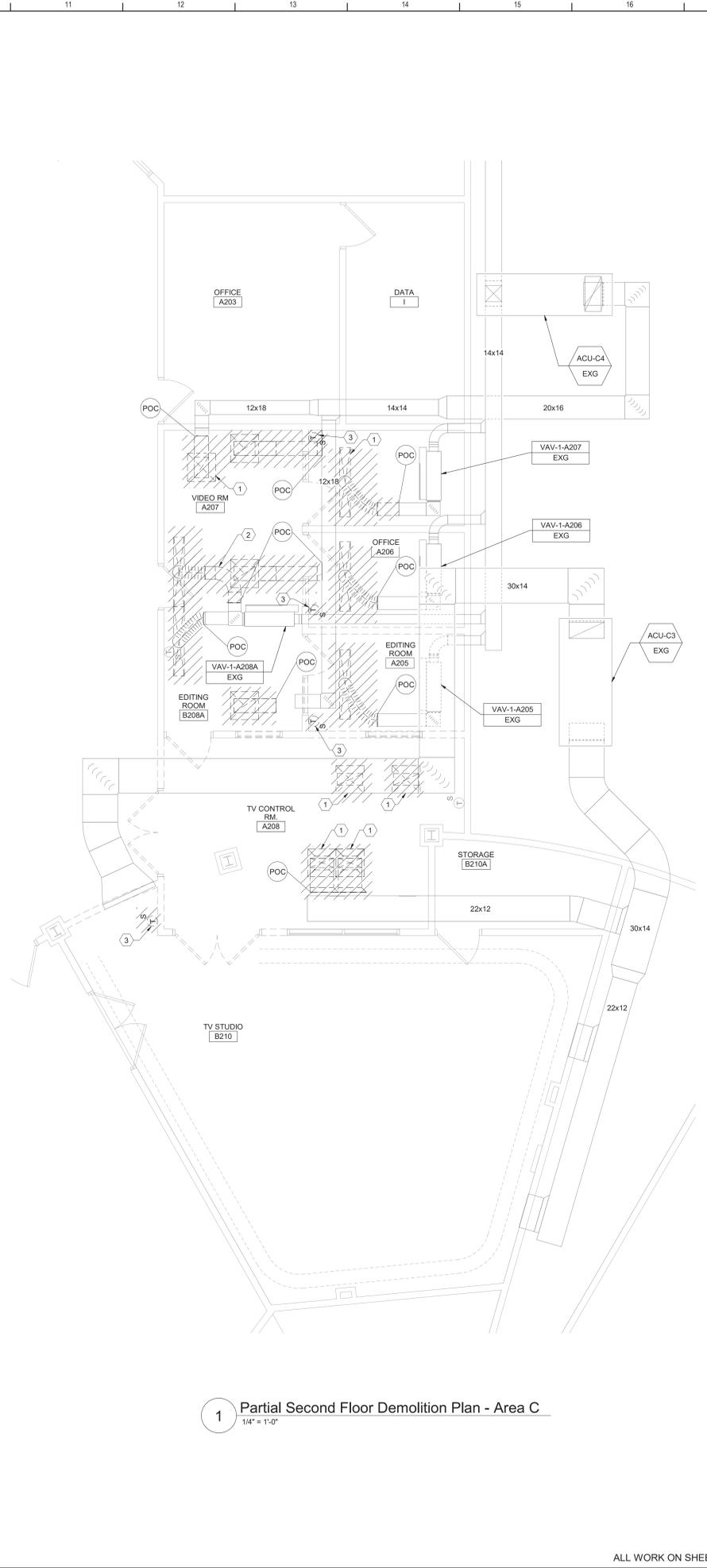
Drawn By: JPF1/vz	Date: 10/28/2022	Drawing Number: FM100
Project No.: 279180-22004		

ALL WORK ON SHEET BY ALT. NO. 11

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2 Partial Second Floor Plan - Area C
1/4" = 1'-0"



1 Partial Second Floor Demolition Plan - Area C
1/4" = 1'-0"

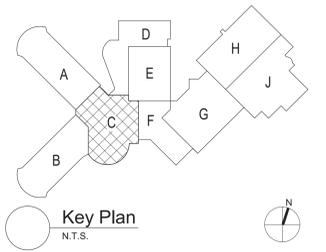
General Notes
A. REFER TO FM051 FOR GENERAL NOTES.

KEYED DEMOLITION NOTES:

- 1 REMOVE GRILLES AND ALL ASSOCIATED ACCESSORIES. (TYPICAL)
- 2 REMOVE DUCTWORK, AND ALL ASSOCIATED ACCESSORIES TO POC AS SHOWN. PREPARE FOR RECONNECTION. (TYPICAL)
- 3 REMOVE TEMPERATURE THERMOSTAT AND STORE FOR REINSTALLATION IN NEW LOCATION.

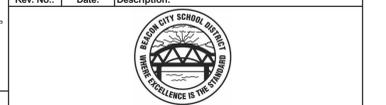
KEYED NOTES:

- 4 RELOCATE AND REINSTALL WALL THERMOSTAT. EXTEND WIRING AS REQUIRED.
- 5 BALANCE VAV-1-A206 TO 190 CFM.
- 6 BALANCE VAV-1-A205 TO 185 CFM.
- 7 EXTEND 14x10 SA DUCTS TO WITHIN (AND WITH SA AIRFLOW POINTING TOWARDS) 2'-0" OF SOUND ISOLATION ROOM CEILING INTAKE. PROVIDE WWM SCREEN.
- 8 PROVIDE WWM SCREEN. BALANCE TO 375 CFM.



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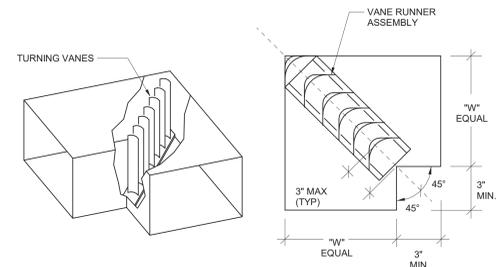


Beacon City School District
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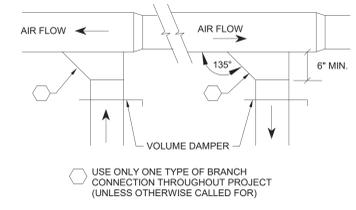
Reconstruction to:
Beacon High School

Partial Second Floor Plans - Area C

Drawn By: JPF1/vz	Date: 10/28/2022	Drawing Number:
Project No.:	279180-22004	
		FM101



1 Duct Turning Vanes
NTS



2 Duct Detail
NTS

HIGH SCHOOL BUILDING/EQUIPMENT VENTILATION CALCULATIONS													
EQUIPMENT NUMBER	ZONE ID				MINIMUM VENTILATION RATES								
	ROOM NUMBER	ROOM NAME	OCCUPANCY CLASSIFICATION	Az - AREA (SF)	Pz - ZONE OCCU. #/1000 FT	ZONE OCCU.	Rp (CFM/Person)	RpP	Ra (CFM/SF)	RaA	Vbz (CFM)	EZ	Voz (CFM)
Existing HV-G1	E194	FITNESS CENTER	Health club/weight rooms	1545	10	16	20	320	0.06	93	413	0.8	515
Existing HV-G1	E198	MEZZANINE	Health club/weight rooms	1031	10	11	20	220	0.06	62	282	0.8	350
Existing HV-G2	E196	WRESTLING / ADAP. P.E.	Health club/weight rooms	2696	10	27	20	540	0.06	162	702	0.8	875
Existing ACU-C4	A205	AUDIO RECORDING RM	Office space	144	5	1	5	5	0.06	9	14	0.8	15
Existing ACU-C4	A207	VIDEO RM	Office space	147	5	1	5	5	0.06	9	14	0.8	15
Existing ACU-C4	A208A	EDITING ROOM	Office space	141	5	1	5	5	0.06	8	13	0.8	15

NOTES:
Rp = PEOPLE OUTDOOR AIR RATE, Ra = AREA OUTDOOR AIR RATE, Vbz = BREATHING ZONE OUTDOOR AIRFLOW,
EZ = AIR DISTRIBUTION CONFIGURATION, Voz = ZONE OUTDOOR AIRFLOW

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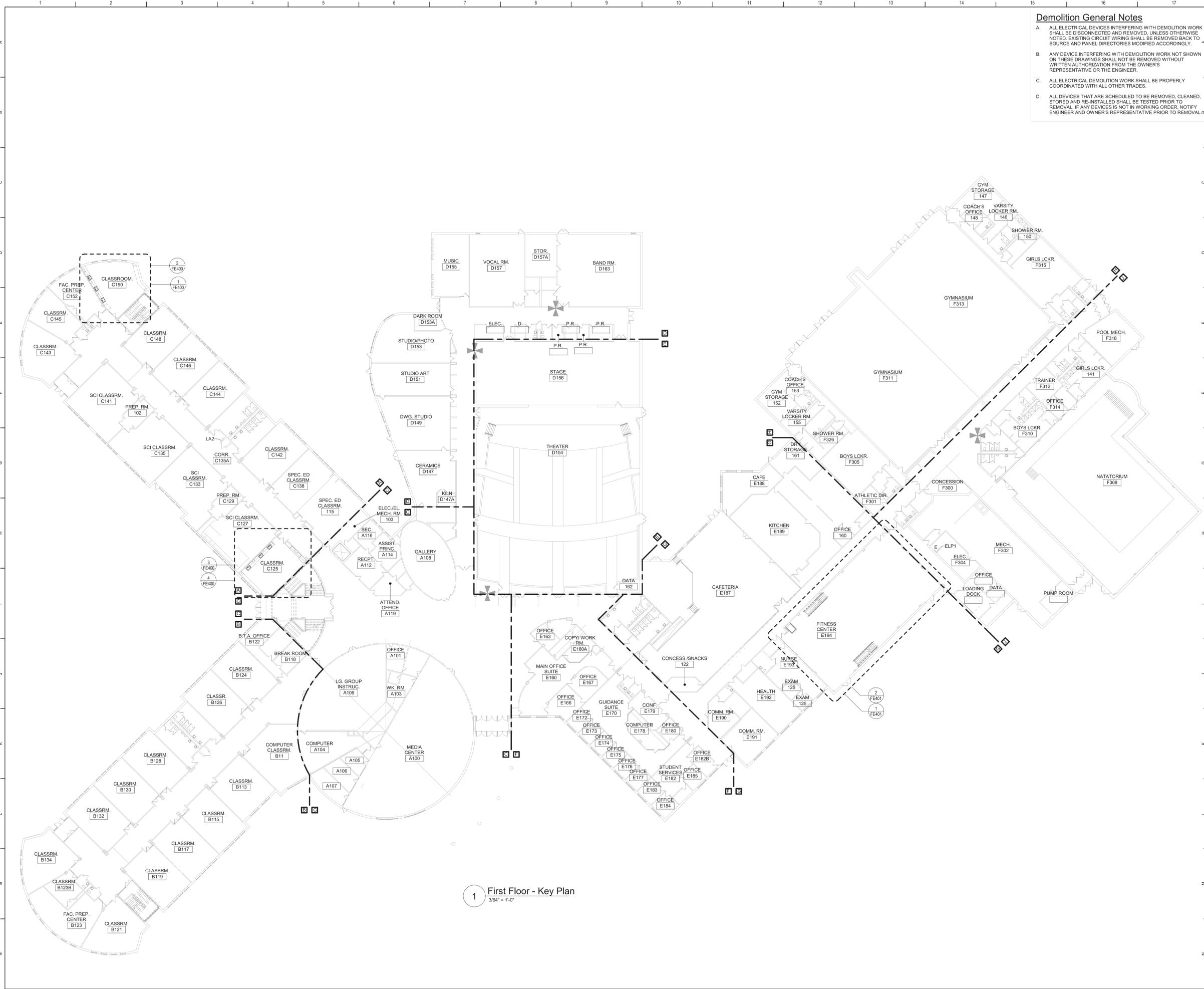
Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

Details and Schedule

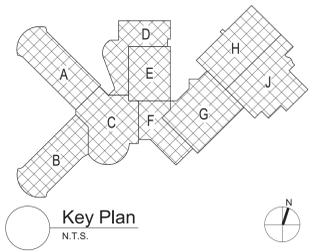
Drawn By: JPF1/vz	Date: 10/28/2022	Drawing Number:
Project No.: 279180-22004	FM500	

BID SET



- ### Demolition General Notes
- A. ALL ELECTRICAL DEVICES INTERFERING WITH DEMOLITION WORK SHALL BE DISCONNECTED AND REMOVED, UNLESS OTHERWISE NOTED. EXISTING CIRCUIT WIRING SHALL BE REMOVED BACK TO SOURCE AND PANEL DIRECTORIES MODIFIED ACCORDINGLY.
 - B. ANY DEVICE INTERFERING WITH DEMOLITION WORK NOT SHOWN ON THESE DRAWINGS SHALL NOT BE REMOVED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE OR THE ENGINEER.
 - C. ALL ELECTRICAL DEMOLITION WORK SHALL BE PROPERLY COORDINATED WITH ALL OTHER TRADES.
 - D. ALL DEVICES THAT ARE SCHEDULED TO BE REMOVED, CLEANED, STORED AND RE-INSTALLED SHALL BE TESTED PRIOR TO REMOVAL. IF ANY DEVICES IS NOT IN WORKING ORDER, NOTIFY ENGINEER AND OWNER'S REPRESENTATIVE PRIOR TO REMOVAL.

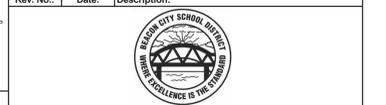
- ### General Notes
- A. COORDINATE ALL ELECTRICAL WORK AND POWER OUTAGES WITH OWNER AND OTHER TRADES PRIOR TO THE START OF CONSTRUCTION. NO POWER OUTAGES SHALL OCCUR WITHOUT OWNER'S PRIOR KNOWLEDGE AND CONSENT.
 - B. REFER TO DRAWING G100 FOR STANDARD SYMBOLS AND ABBREVIATIONS.
 - C. PROPERLY IDENTIFY ALL CIRCUITS AT PANELS AND J-BOXES AND IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
 - D. CIRCUIT EXIT AND EMERGENCY LUMINAIRES TO UNSWITCHED HOT LEG OF LIGHTING CIRCUIT OF THE AREA BEING SERVED BY OR ADJACENT TO THE LUMINAIRE.
 - E. PROVIDE ALL ADAPTERS, COUPLINGS AND ASSOCIATED FITTINGS REQUIRED FOR COMPLETE OPERATIONAL SYSTEM.
 - F. WHEN INSTALLING NEW DEVICES IN EXISTING LOCATIONS, REUSE EXISTING CONDUIT/RACEWAY AND BACK BOXES IF IN GOOD CONDITION. EXTEND/INSTALL NEW CONDUIT/RACEWAY AS REQUIRED FOR PROPER MOUNTING OF DEVICE. CONCEAL ABOVE CEILINGS OR WITHIN WALLS WHERE POSSIBLE. REFER TO SPECIFICATION SECTION 26 05 33.
 - G. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES.
 - H. TESTS OF ALL ELECTRICAL WORK SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER OR ARCHITECT. AS EQUIPMENT IS INSTALLED AND AS SYSTEMS ARE COMPLETED. IN ADDITION AN ELECTRIC APPROVED CERTIFICATE SHALL BE ISSUED BY AN ELECTRICAL INSPECTION AGENCY.
 - I. UNLESS NOTED ELSEWHERE ON THE CONTRACT DOCUMENTS, THE FOLLOWING LIST REPRESENTS THE TYPICAL MOUNTING HEIGHTS FOR THE DEVICES SHOWN:
 1. SWITCHES AND PANIC STATIONS.....48" (TO TOP)
 2. RECEPTACLES.....16"
 3. COMPUTER RECEPTACLES.....48" (TO TOP)
 4. WALL (W) TELEPHONE AND CALL SWITCHES.....48" (TO TOP)
 5. TELEPHONE OUTLETS (UNLABELED).....16"
 6. VOLUME CONTROLS.....48" (TO TOP)
 7. TELEVISION OUTLETS.....16"
 8. FIRE ALARM PULL STATIONS.....48" (TO TOP)
 9. FIRE ALARM AUDIOVISUAL UNITS.....86" * (OR 6" BELOW CEILING, WHICHEVER IS LOWER)
 10. POWER PANELS.....72" (TO TOP)
 11. DISCONNECT SWITCHES.....80" (TO TOP)
 12. MOTOR STARTERS.....60" (TO TOP)
- THE HEIGHTS INDICATED SHALL BE NOMINAL TO THE BOTTOM OF THE BOX UNLESS NOTED OTHERWISE. MAINTAIN HEIGHT CONSISTENCY BETWEEN NEW AND EXISTING DEVICES.



1 First Floor - Key Plan
3/64" = 1'-0"

S.E.D. Control No. 13-02-00-01-0-020-012

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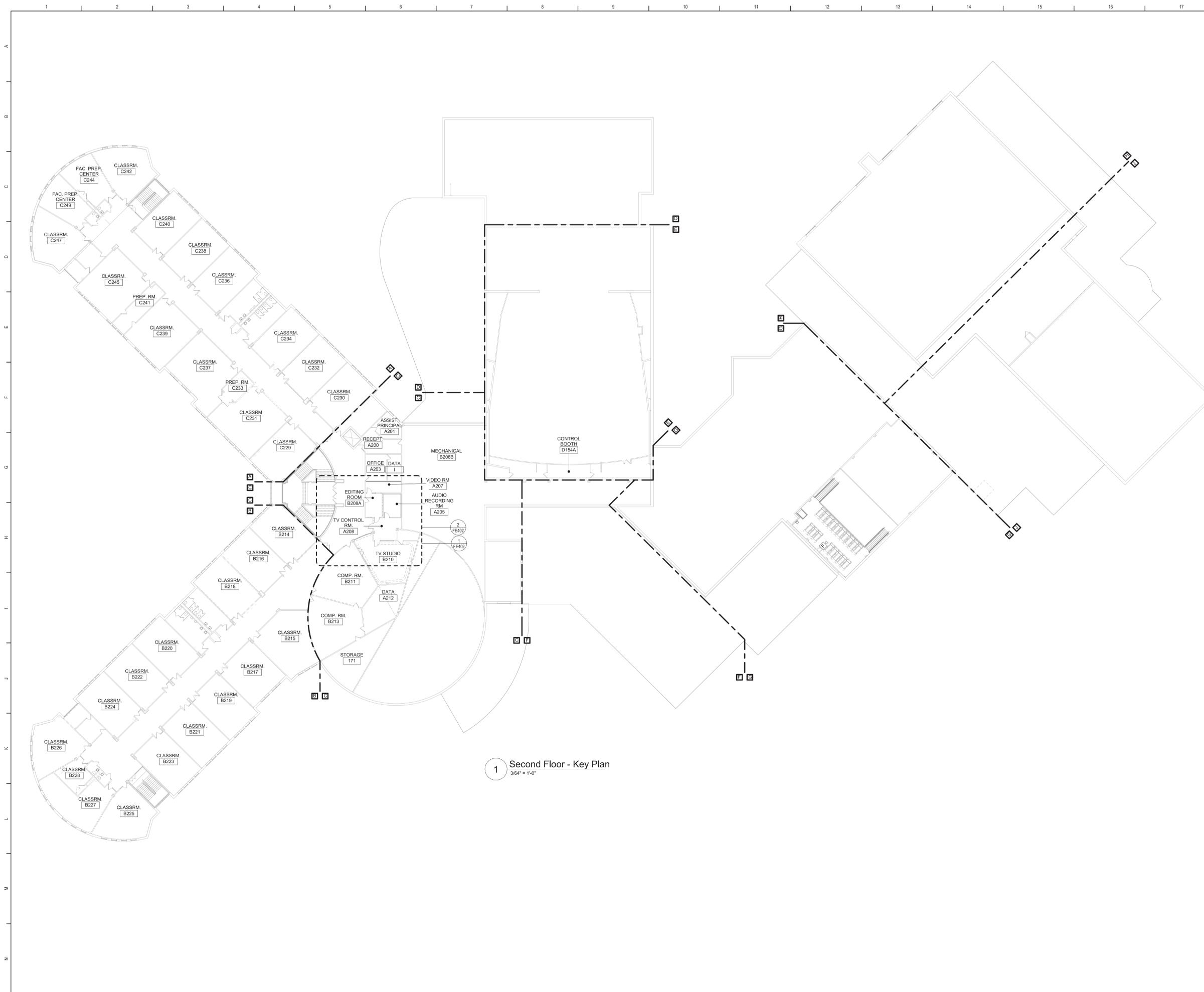


Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

First Floor Key Plan

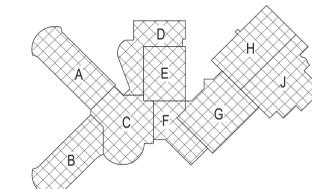
Drawn By: SAS	Date: 10/28/2022	Drawing Number:
Project No.:	279180-22004	
		FE050



1 Second Floor - Key Plan
3/84" = 1'-0"

General Notes:

A. REFER TO DRAWING FE050 FOR GENERAL NOTES



Key Plan
N.T.S.



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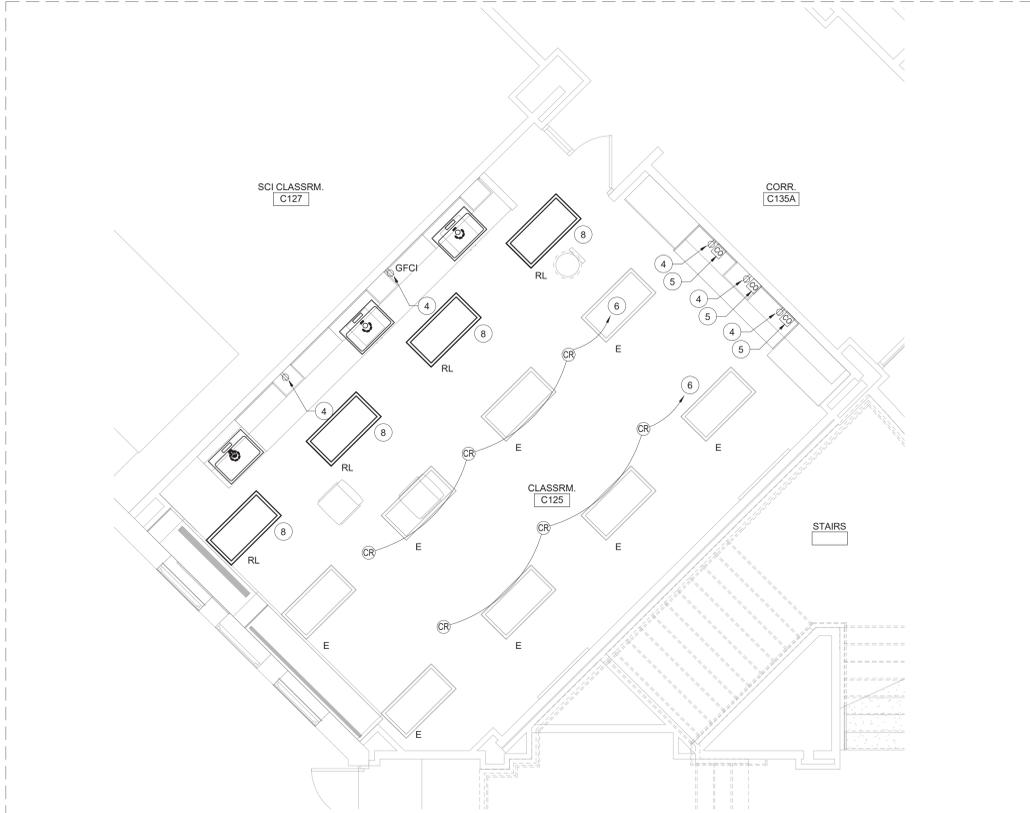
Reconstruction to:
Beacon High School

Second Floor Key Plan

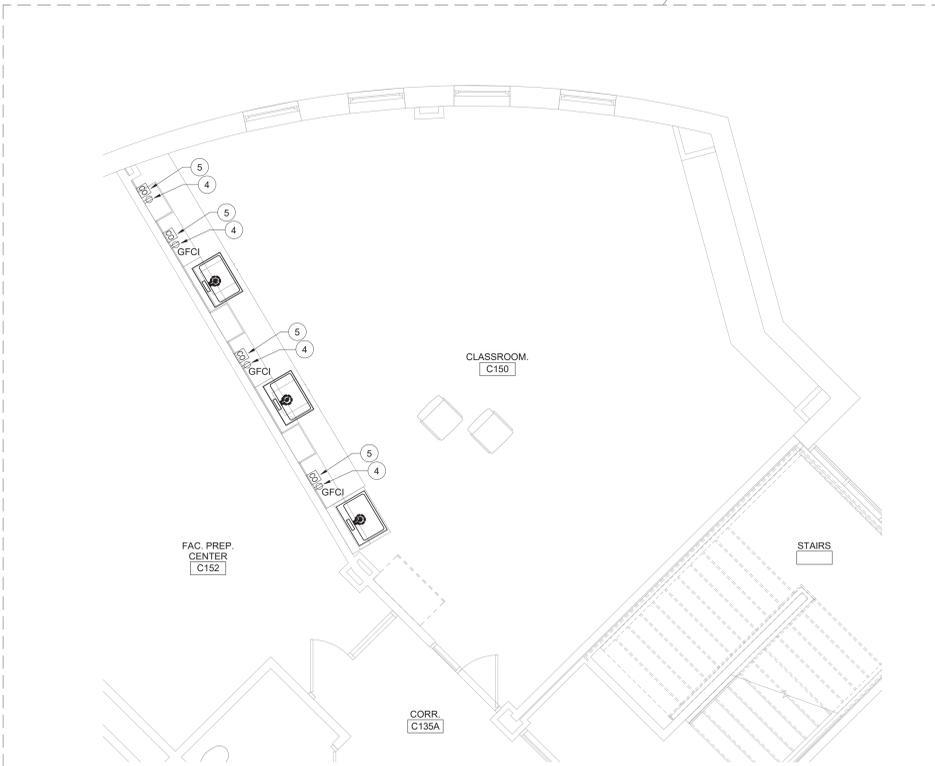
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Project No.: 279180-22004	FE051	

BY ALTERNATE NO. 13

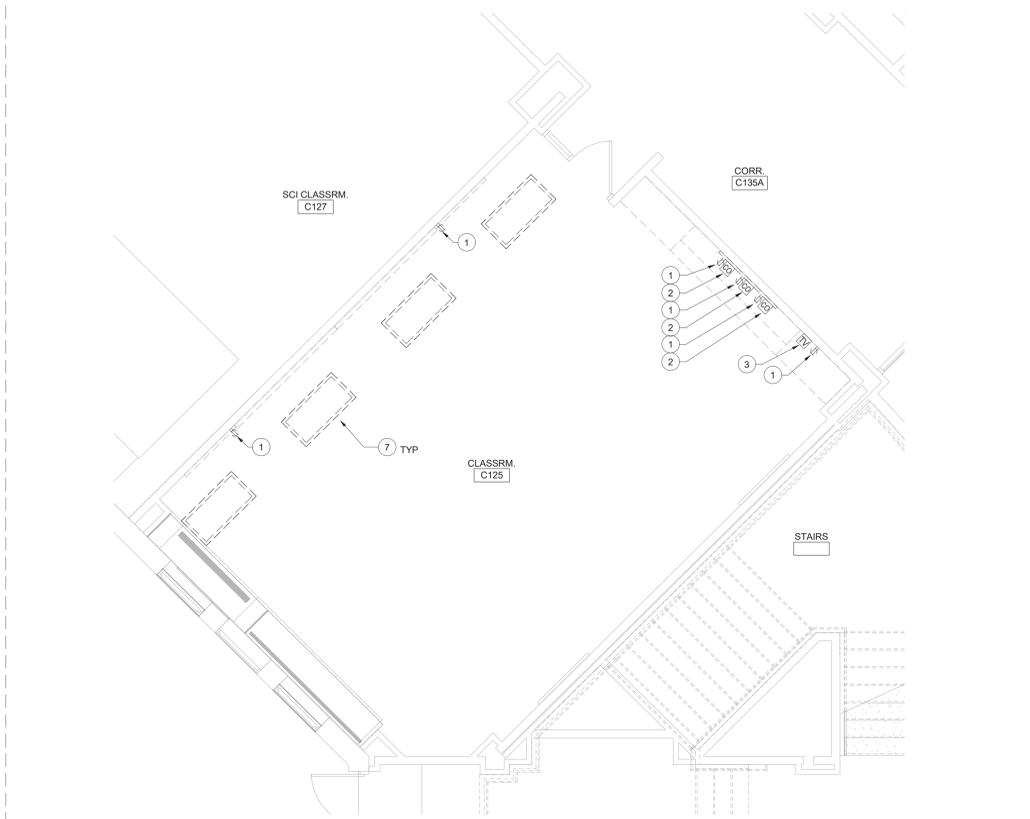
BY ALTERNATE NO. 12



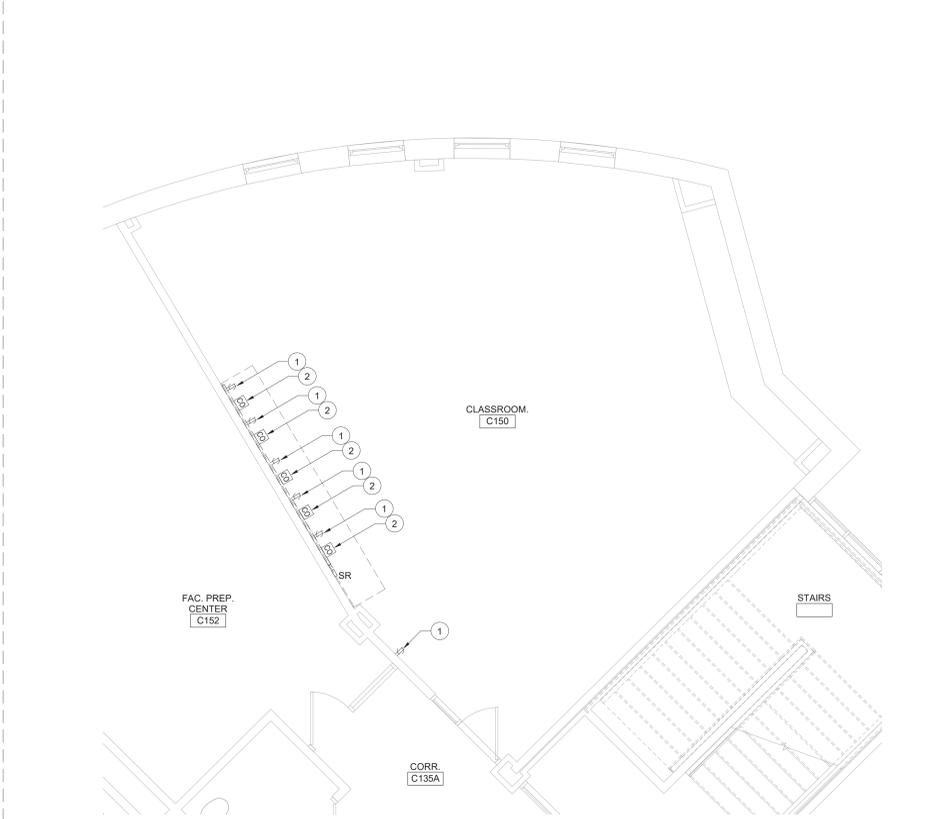
3 First Floor Enlarged Power & Communications Plan - Area A
1/4" = 1'-0"



1 First Floor Enlarged Power & Communications Plan - Area A
1/4" = 1'-0"



4 First Floor Enlarged Demolition Plan - Area A
1/4" = 1'-0"



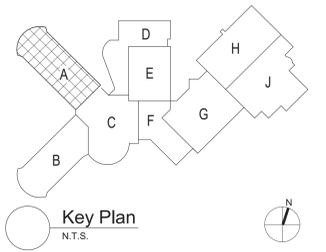
2 First Floor Enlarged Demolition Plan - Area A
1/4" = 1'-0"

Keyed Notes:

- 1 REMOVE RECEPTACLE(S) AND SURFACE RACEWAY (IF APPLICABLE), TAG CIRCUITRY FOR RE-USE.
- 2 REMOVE DATA OUTLETS. CLEAN AND STORE FOR RE-USE.
- 3 REMOVE TV OUTLET COMPLETE BACK TO SOURCE.
- 4 PROVIDE RECEPTACLE ABOVE COUNTER AND CIRCUIT TO EXISTING CIRCUITRY PREVIOUSLY SERVING THE AREA. MODIFY/EXTEND CIRCUITRY AS NECESSARY.
- 5 RE-INSTALL STORED DATA OUTLET TO LOCATION SHOWN ABOVE COUNTER. PROVIDE (2) CAT 5 (OR MATCH EXISTING) CABLES TO EACH OUTLET AND CONNECT TO NEAREST DATA RACK IF EXISTING CABLES CANNOT BE USED.
- 6 PROVIDE 20A1P CIRCUIT BREAKER IN AVAILABLE SPACE IN LA2 IN CORR. 135A. CONNECT USING (2)#12, (1)#12 G. IN 1/2" CONDUIT. NEW BREAKER TO BE UL LISTED FOR USE IN PANEL AND MEET OR EXCEED AIC RATING OF EXISTING PANEL. AMEND PANEL DIRECTORY ACCORDINGLY.
- 7 REMOVE LUMINAIRES. STORE AND TAG CIRCUITRY FOR REUSE.
- 8 RE-INSTALL STORED LUMINAIRES. CONNECT TO PRESERVED CIRCUITRY. EXTEND/MODIFY AS NECESSARY.

General Notes:

A. REFER TO DRAWING FE050 FOR GENERAL NOTES



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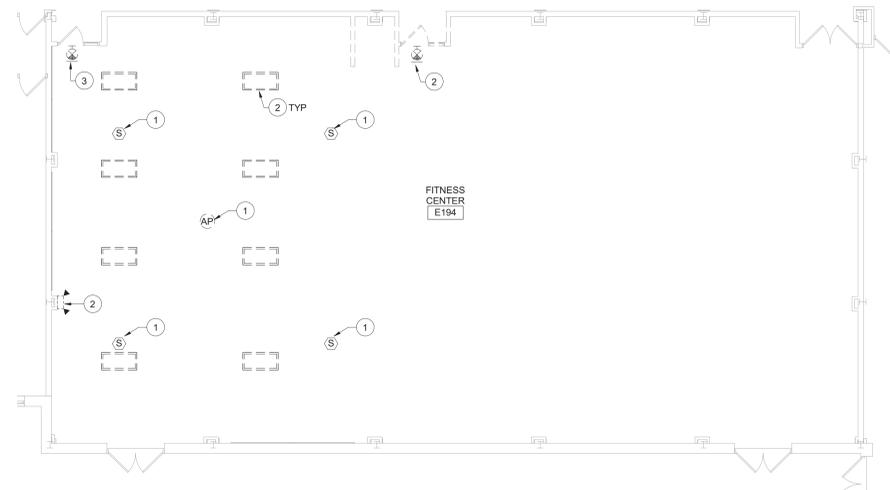
Reconstruction to:
Beacon High School

First Floor Enlarged Plans

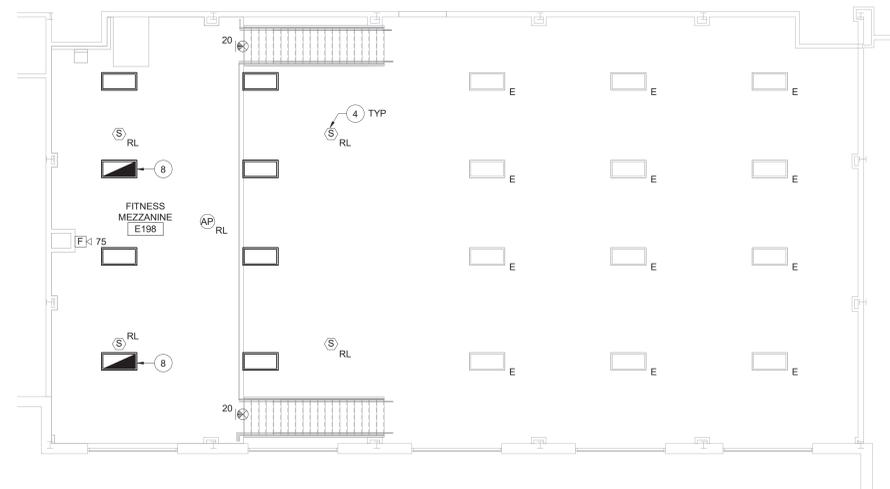
Drawn By: SAS	Date: 10/28/2022	Drawing Number: FE400
Project No.: 279180-22004		

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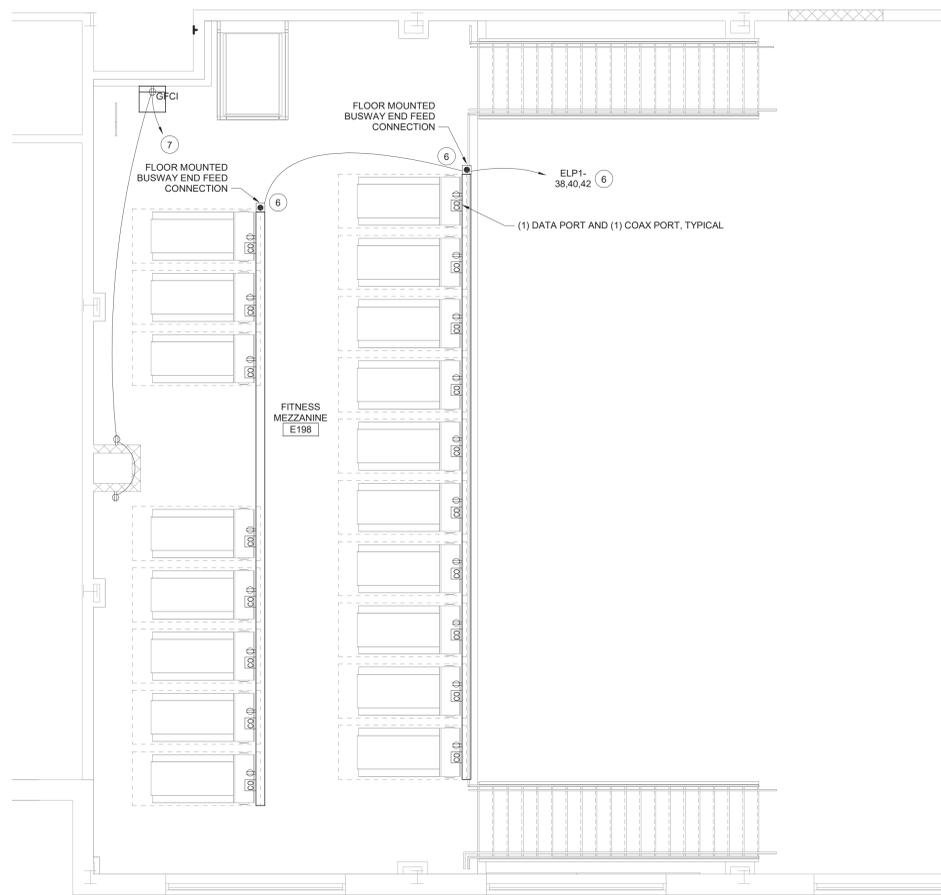
BY ALTERNATE NO. 11



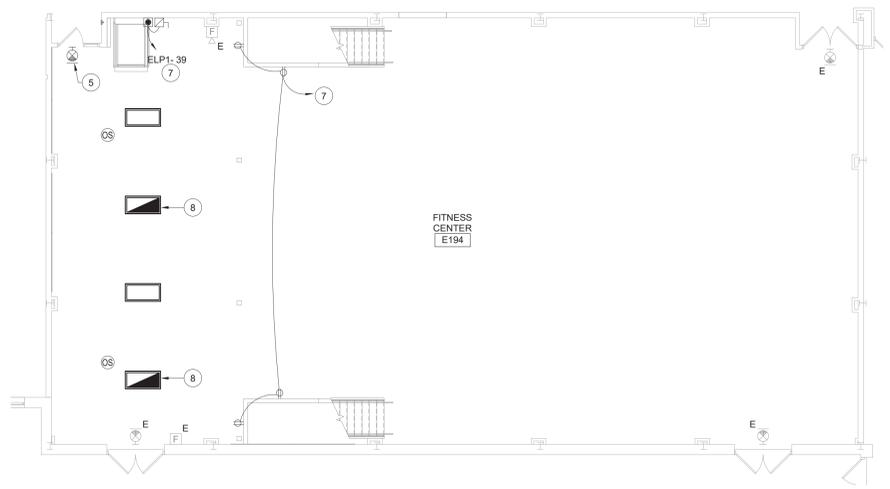
1 Fitness Center Demolition Plan
1/8" = 1'-0"



2 Fitness Mezzanine Lighting, Power & Communication Plan
1/8" = 1'-0"



4 Enlarged Fitness Mezzanine Power Plan
1/4" = 1'-0"



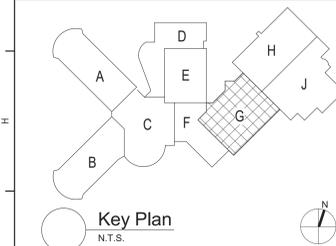
3 Fitness Center Lighting, Power & Communication Plan
1/8" = 1'-0"

Keyed Notes:

- 1 REMOVE, CLEAN AND STORE CEILING MOUNTED DEVICES IN CEILING THAT ARE BEING REMOVED. TAG CIRCUITRY FOR RE-USE.
- 2 REMOVE ELECTRICAL DEVICES SHOWN. REMOVE EXISTING CIRCUITRY BACK TO NEAREST JUNCTION BOX. LUMINAIRE OR SWITCH OUTSIDE OF DEMOLITION AREA. MODIFY EXISTING SYSTEM CIRCUITRY TO ALLOW FOR PROPER OPERATION OF REMAINING DEVICES ON CIRCUIT.
- 3 REMOVE EXIT LIGHT, CLEAN AND STORE FOR RE-INSTALLATION. TAG CIRCUITRY FOR RE-USE.
- 4 RE-INSTALL STORED CEILING MOUNTED DEVICES IN CEILING THAT ARE BEING REMOVED. MODIFY/EXTEND CIRCUITRY AS NECESSARY.
- 5 RE-INSTALL STORED EXIT LIGHT IN SPACE ABOVE DOOR AND BELOW BOTTOM OF MEZZANINE FLOOR STRUCTURE.
- 6 PROVIDE STARLINE PIRFIT (PLUG-IN RACEWAY) FOR FITNESS WITH POWER AND COMMUNICATIONS (OR EQUAL). PROVIDE 60AMP CIRCUIT BREAKER IN AVAILABLE SPACE IN PANEL EPL1 IN ELEC F304. CONNECT USING (4#6, 1#10 G. IN 3/4" CONDUIT. NEW BREAKER TO BE UL LISTED FOR USE IN PANEL AND MEET OR EXCEED AIC RATING OF EXISTING PANEL. AMEND PANEL DIRECTORY ACCORDINGLY.
- 7 PROVIDE 20A1P CIRCUIT BREAKER IN AVAILABLE SPACE IN PANEL EPL1 IN ELEC F304. CONNECT USING (2#12, 1#12 G. IN 1/2" CONDUIT. NEW BREAKER TO BE UL LISTED FOR USE IN PANEL AND MEET OR EXCEED AIC RATING OF EXISTING PANEL. AMEND PANEL DIRECTORY ACCORDINGLY. PROVIDE 30A DISCONNECT SWITCH FOR LIFT. COORDINATE DISCONNECT REQUIREMENTS WITH MANUFACTURERS REQUIREMENTS.
- 8 PROVIDE 2X4 SUSPENDED FLAT PANEL BASED ON MODEL 2FP2-38L-83S-DS-UNV. MOUNT 9'-0" AFF FROM BOTTOM OF LUMINAIRE. CONNECT LUMINAIRE TO EXISTING CIRCUITRY PREVIOUSLY SERVING THE AREA. LUMINAIRE TO BE CONTROLLED BY OCCUPANCY SENSORS AND EXISTING SWITCH(ES). EMERGENCY LUMINAIRE BASED ON SAME MODEL WITH INTEGRAL BATTERY CONNECTED TO UNSWITCHED HOT LEG OF LIGHTING CIRCUIT.

General Notes:

- A REFER TO DRAWING FE050 FOR GENERAL NOTES.
- B FIRE ALARM DEVICES ARE TO BE WIRED TO EXISTING NOTIFICATION CIRCUITS.



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Beacon City School District Beacon, New York		
Reconstruction to: Beacon High School		
First Floor Enlarged Plans		
Drawn By: SAS/CR	Date: 10/28/2022	Drawing Number: FE401
Project No.: 279180-22004		



2 Partial Second Floor Demolition Plan - Area C
1/4" = 1'-0"

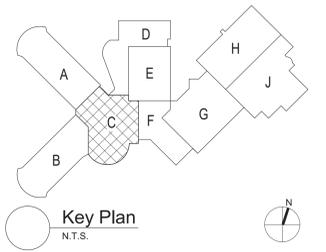
1 Partial Second Floor Lighting, Power & Communications Plan - Area C
1/4" = 1'-0"

Keyed Notes:

- 1 REMOVE LUMINAIRE(S). TAG CIRCUITRY FOR RE-USE.
- 2 REMOVE ELECTRICAL DEVICES SHOWN. REMOVE EXISTING CIRCUITRY BACK TO NEAREST JUNCTION BOX. DEVICE OR SWITCH OUTSIDE OF DEMOLITION AREA. MODIFY EXISTING SYSTEM CIRCUITRY TO ALLOW FOR PROPER OPERATION OF REMAINING DEVICES ON CIRCUIT.
- 3 REMOVE, CLEAN AND STORE CLOCK/SPEAKER COMBO, PREPARE FOR RE-INSTALLATION.
- 4 PROVIDE 4" RECESSED DOWNLIGHT BASED ON MODEL INTENSE LIGHTING LC414. CONNECT TO LIGHTING PRESERVED LIGHTING CIRCUIT. EXTEND/MODIFY AS NECESSARY.
- 5 REMOVE, CLEAN AND STORE CAMERA, PREPARE FOR RE-INSTALLATION.
- 6 REMOVE, CLEAN AND STORE ON THE AIR LIGHT, PREPARE FOR RE-INSTALLATION.
- 7 REMOVE, CLEAN AND STORE FIRE ALARM HORN STROBE, PREPARE FOR RE-INSTALLATION.
- 8 PROVIDE ELECTRICAL CONNECTION TO SOUND ISOLATION ROOM (LIGHTING, VENTILATION, MASTER POWER AND LIGHT SENSOR PROVIDED IN SOUND ISOLATION ROOM). PROVIDE 20A1P CIRCUIT BREAKER IN AVAILABLE SPACE IN NEAREST 120/208V PANEL. CONNECT USING (2#12, 1#12 G. IN 1/2" CONDUIT. NEW BREAKER TO BE UL LISTED FOR USE IN PANEL AND MEET OR EXCEED AIC RATING OF EXISTING PANEL. AMEND PANEL DIRECTORY ACCORDINGLY.
- 9 RE-INSTALL STORED CLOCK/SPEAKER COMBO TO LOCATION SHOWN. MODIFY/EXTEND CIRCUITRY AS NECESSARY.
- 10 RE-INSTALL STORED LIGHT SWITCH TO LOCATION SHOWN. CIRCUIT TO EXISTING LUMINAIRES PREVIOUSLY SERVED BY SWITCH. MODIFY/EXTEND CIRCUITRY AS NECESSARY.
- 11 RE-INSTALL STORED CAMERA TO LOCATION SHOWN. MODIFY/EXTEND CIRCUITRY AS NECESSARY.
- 12 RE-INSTALL STORED ON THE AIR LIGHT TO LOCATION SHOWN. MODIFY/EXTEND CIRCUITRY AS NECESSARY.
- 13 RE-INSTALL STORED FIRE ALARM HORN STROBE TO LOCATION SHOWN. MODIFY/EXTEND CIRCUITRY AS NECESSARY.
- 14 PROVIDE 2X2 RECESSED FLAT PANEL BASED ON MODEL SIGNIFY 2FP2-38-835-2-DS-UNV WITH INTEGRAL BATTERY. CONNECT TO PRESERVED LIGHTING CIRCUIT. EXTEND/MODIFY AS NECESSARY. CONNECT BATTERY TO UNSWITCHED HOT LEG OF LIGHTING CIRCUIT.
- 15 CIRCUIT RECEPTACLE(S) TO EXISTING CIRCUIT PREVIOUSLY SERVING THE AREA. MODIFY/EXTEND CIRCUITRY AS NECESSARY.
- 16 REMOVE SOUND BOARD AND TURN OVER TO OWNER. REMOVE WIRING AND ALL ACCESSORIES COMPLETE BACK TO SOURCE.
- 17 PROVIDE 2X2 RECESSED FLAT PANEL BASED ON MODEL SIGNIFY 2FP2-38-835-2-DS-UNV. CONNECT TO PRESERVED LIGHTING CIRCUIT. EXTEND/MODIFY AS NECESSARY.
- 18 PROVIDE CEILING MOUNTED EMERGENCY LIGHTING UNIT BASED ON MODEL SIGNIFY CHLRODRE CLURS. CONNECT TO UNSWITCHED HOT LEG OF LIGHTING CIRCUIT SERVING THE AREA.

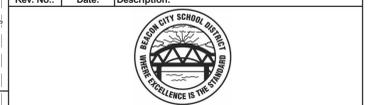
General Notes:

- A. REFER TO DRAWING FE050 FOR GENERAL NOTES.
- B. FIRE ALARM DEVICES ARE TO BE WIRED TO EXISTING NOTIFICATION CIRCUITS.
- C. LIGHTING CONTROL SEQUENCE:
 - a. GENERAL CLASSROOM OPERATED WITH A (4) BUTTON LOW VOLTAGE LIGHTING CONTROL. BUTTON CAPABLE OF ON/OFF, 50% AND 100% MAYBE MANUALLY ADJUSTED BY EACH LOW VOLTAGE LIGHTING CONTROL. PER ZONE. IF LUMINAIRES ARE LEFT ON AND CLASSROOM IS UNOCCUPIED LUMINAIRES WILL TURN OFF WITHIN 15 MINUTES. ONCE ROOM BECOMES OCCUPIED AGAIN LUMINAIRES WILL TURN ON TO LAST LEVEL OR LAST LEVEL SELECTED.



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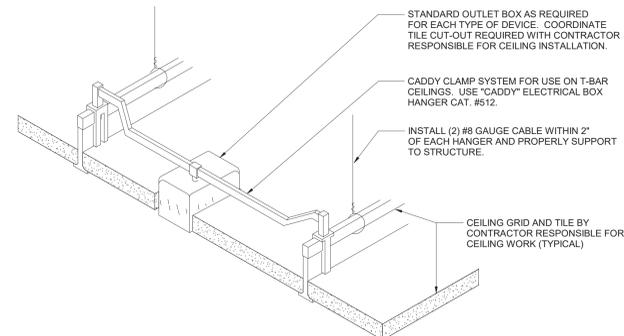


Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

Second Floor Enlarged Plans

Drawn By: SAS/CR	Date: 10/28/2022	Drawing Number:
Project No.:	279180-22004	
		FE402

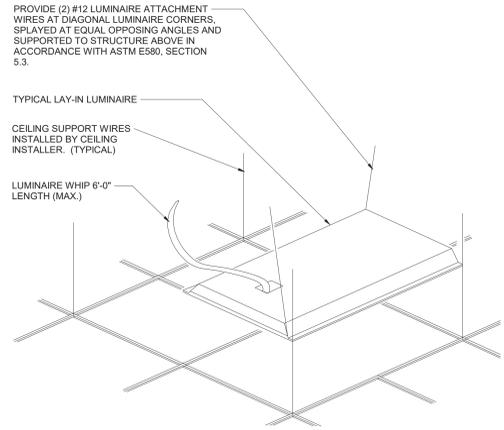


DETAIL NOTES:

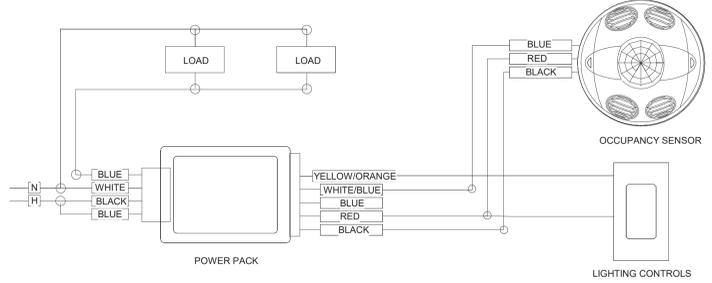
A. IN AREAS RECEIVING NEW CEILINGS ALL CEILING MOUNTED ITEMS (DETECTORS, SPEAKERS, ETC) ARE TO BE CENTERED WITHIN THE PATTERN OF THE CEILING PANEL. A 2'x4' PANEL SCORED TO A 2'x2' PATTERN SHALL HAVE ITEMS CENTERED IN THE 2'x2' PORTION.

B. PROVIDE ADDITIONAL SUPPORT FOR EXIT SIGNS, WHERE REQUIRED.

1 Ceiling Mounting Device Detail
NTS



2 Typical Troffer Mounting Detail
NTS



NOTES:

A. PAINT ALL SURFACE RACEWAY AND BOXES TO MATCH EXISTING SURFACES. (WHERE APPLICABLE).

B. PROVIDE RELAYS WHERE TWO OR MORE CIRCUITS FEED LIGHTING IN SAME ROOM.

C. ADJUST SENSITIVITY OF EACH OCCUPANCY SENSOR TO DETECT HUMAN MOVEMENT BUT NOT HVAC EQUIPMENT. ADJUST TIME DELAY FOR OPTIMUM PERFORMANCE. APPLY MASKING SEGMENTS TO DETECTION HEAD WHERE REQUIRED.

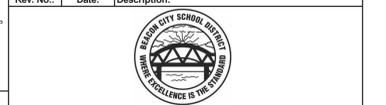
D. POWER PACK AND THE LOAD SWITCHED BY THE POWER PACK MUST BE FED FROM THE SAME PHASE.

E. REFER TO LIGHTING PLANS FOR LIGHTING SEQUENCES

3 Occupancy Sensor Wiring Diagram
12" = 1'-0"

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Rev. No.	Date	Description



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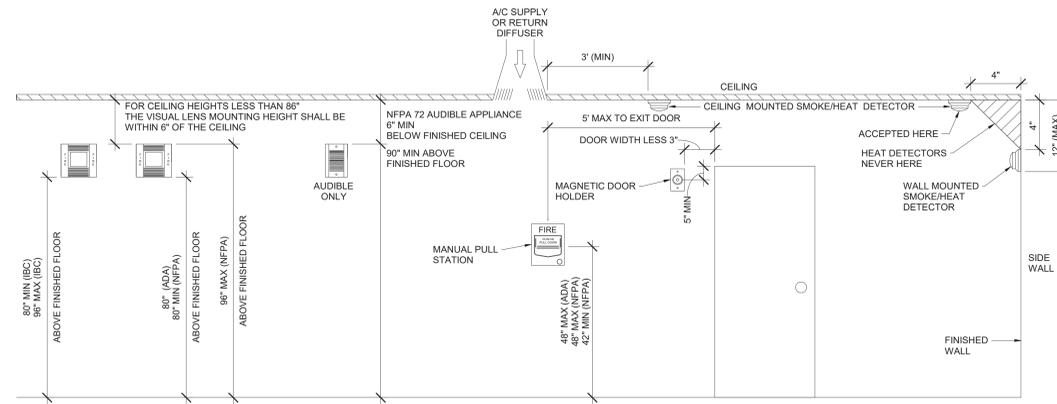


Beacon City School District
Beacon, New York

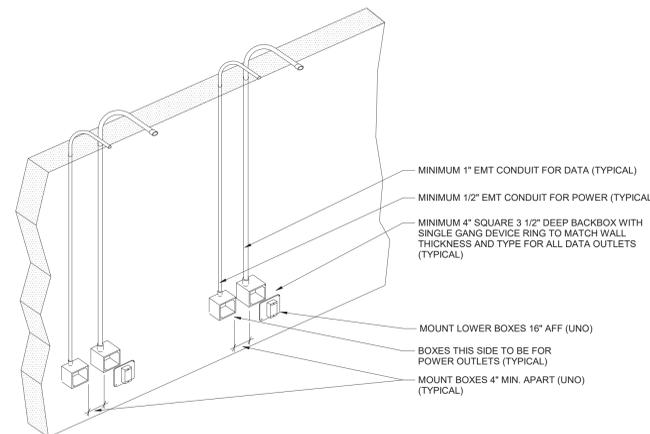
Reconstruction to:
Beacon High School

Details

Drawn By: SAS	Date: 10/28/2022	Drawing Number:
Project No.:	279180-22004	
		FE500

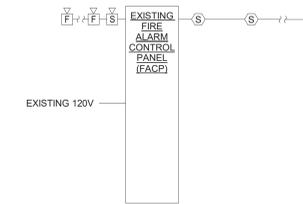


1 Typical Mounting Heights
NTS



- NOTES:
1. PROVIDE LARGER BOXES AND CONDUIT SIZES WHEN REQUIRED TO ACCOMMODATE DEVICES AND WIRING
 2. COORDINATE QUANTITY OF DEVICES AND TYPE OF DEVICE REQUIRED WITH FLOOR PLANS
 3. COORDINATE CONDUIT LOCATIONS WITH OTHER TRADES AND OWNER PRIOR TO INSTALLATION

4 Conduit/Backbox Installation Detail
NTS

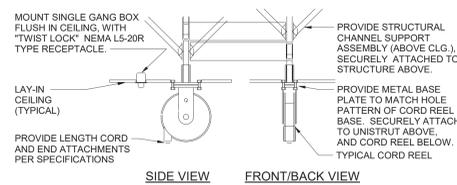


FIRE ALARM SEQUENCE OF OPERATION

- A. UPON ACTIVATION TROUBLE CONDITION THE FIRE ALARM PANEL SHALL GO INTO 'TROUBLE' MODE INDICATING WHICH ZONE IS IN TROUBLE BY A LIGHT IN THE REMOTE ANNUNCIATOR AND AT THE FIRE ALARM PANEL.

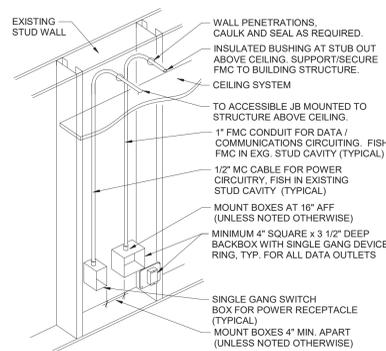
- NOTES:
1. FIRE ALARM RISER IS INTENDED TO BE SCHEMATIC ONLY. ALL DEVICES INDICATED ON PLANS AND DETAILS ARE TO BE INSTALLED AND CONNECTED FOR PROPER OPERATION OF SYSTEM.
 2. WIRE NEW DEVICES INTO EXISTING WIRING OR PROVIDE A NEW CIRCUIT AS DIRECTED BY FIRE ALARM SYSTEM REPRESENTATIVE.

2 Fire Alarm System Wiring Diagram
NTS

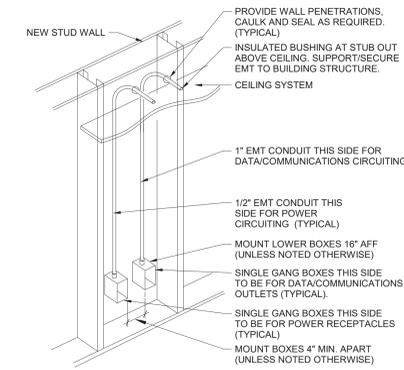


- NOTE:
- CORD REELS TO BE FIELD LOCATED SO THAT OPENING TRIMMED IS ADJACENT TO T-BAR GRID, SO AS TO SIMPLIFY INSTALLATION. ANY EXPOSED METAL SUPPORT PARTS ARE TO BE PAINTED WHITE.

6 Cord Reel Mounting Detail
NTS



5 Conduit/Backbox Installation Detail (in Existing Stud Wall)
NTS



3 Conduit/Backbox Installation Detail
NTS

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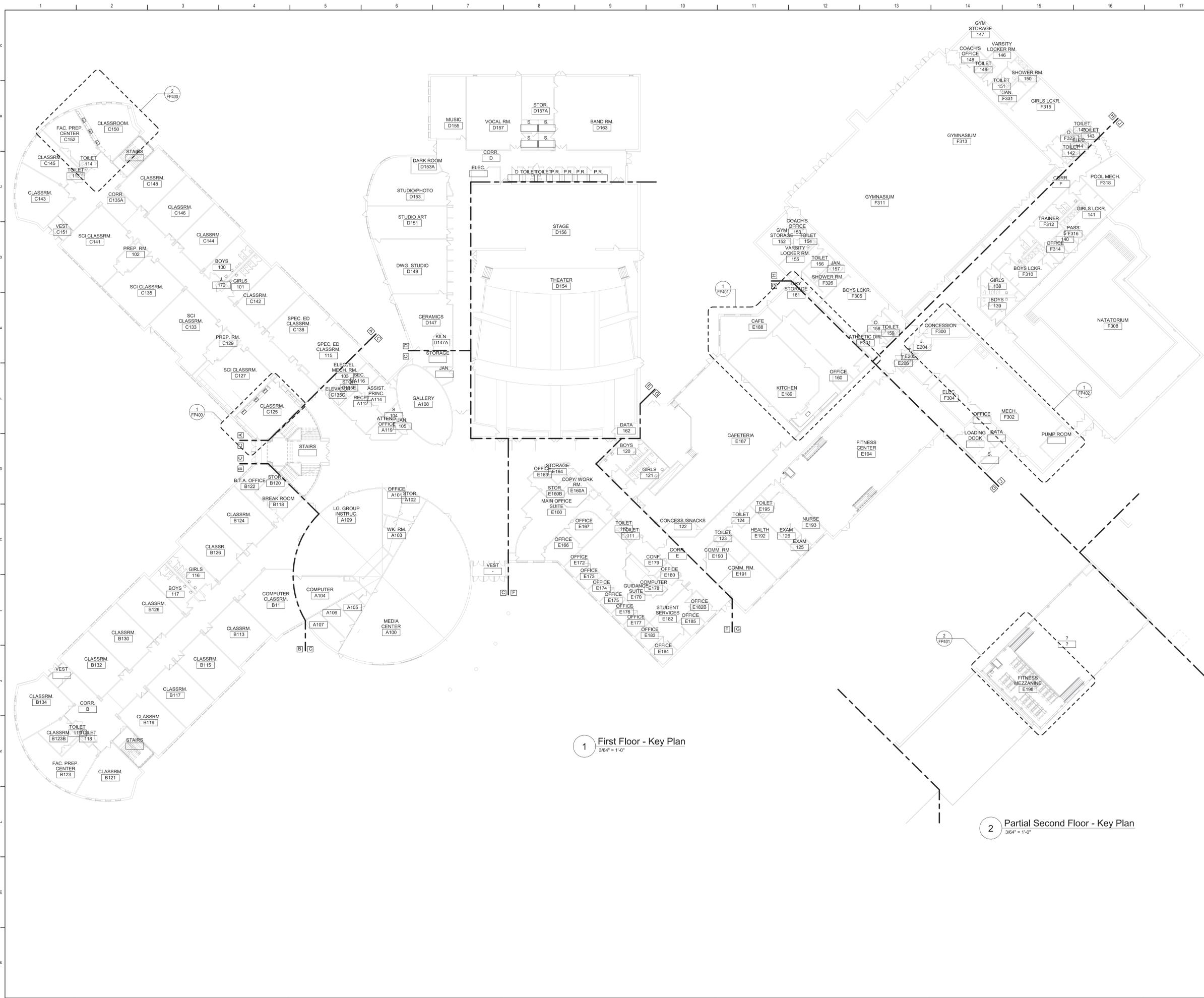
Beacon City School District
Beacon, New York

Reconstruction to:
Beacon High School

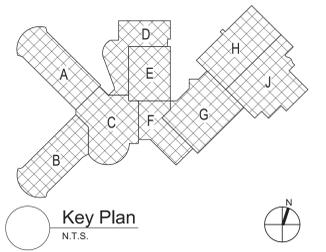
Details

Drawn By: SAS Date: 10/28/2022 Drawing Number: 279180-22004 FE501

BID SET



- General Notes**
- VERIFY ALL PIPING LOCATIONS, SIZES, AND ARRANGEMENTS IN FIELD PRIOR TO BID. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES.
 - VERIFY IN FIELD INVERT AND DIRECTION OF FLOW IN EXISTING SOIL PIPE WHERE NEW SOIL PIPE IS TO BE CONNECTED TO EXISTING SOIL PIPE.
 - LEGALLY DISPOSE OF ALL DEMOLITION DEBRIS.
 - INCLUDE TRENCHING, CUTTING AND PATCHING OF FLOORS, WALLS AND CEILINGS, INCLUDING CEILING TILE REMOVAL AND REPLACEMENT, WHEN REQUIRED FOR PLUMBING WORK. PATCH ABANDONED OPENINGS AND DISTURBED FINISHES TO MATCH EXISTING. TAKE PRECAUTIONS TO PROTECT STRUCTURAL INTEGRITY OF FLOOR OR WALLS WHEN TRENCHING OR CUTTING.
 - MATERIALS FOR PLUMBING INSTALLATION SHALL BE NEW, UNLESS SPECIFICALLY NOTED OTHERWISE.
 - REFER TO DRAWING NO FP401, FOR FIXTURE ROUGH-IN SCHEDULE.
 - PROVIDE THROUGH PENETRATION FIRESTOPPING FOR FIRE RATED WALLS AND FLOORS. PENETRATIONS THROUGH EXISTING WALLS AND FLOORS ARE CONSIDERED TWO-HOUR PARTITIONS UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO "A" SERIES OR CODE COMPLIANCE DRAWINGS FOR LOCATION OF FIRE RATED WALLS AND FLOORS.



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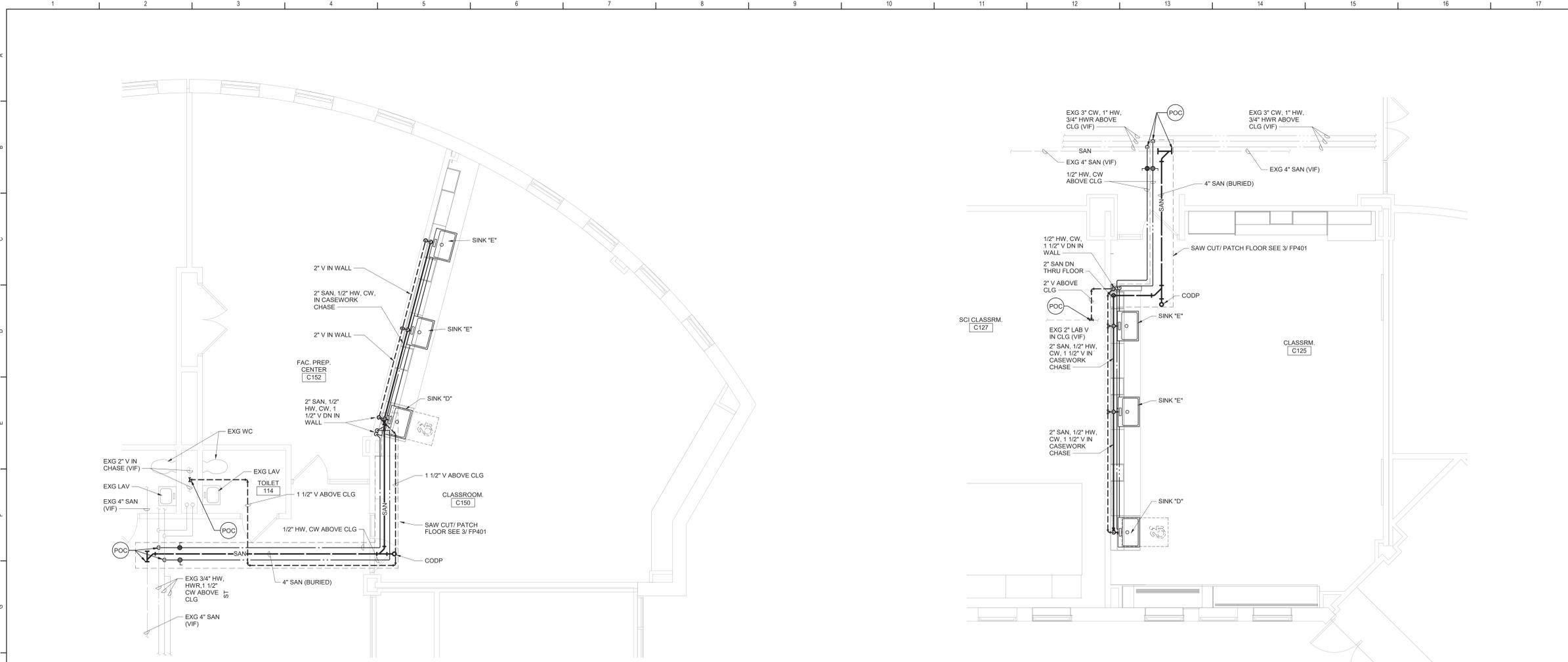
Reconstruction to:
Beacon City High School

First Floor Key Plan

Drawn By: GPD/sef	Date: 10/28/2022	Drawing Number:
Project No.: 279180-22004	FP050	

1 First Floor - Key Plan
3/8" = 1'-0"

2 Partial Second Floor - Key Plan
3/8" = 1'-0"



2 Science Room C150 Plan
1/4" = 1'-0"
NOTE: PLAN IS ROTATED FROM KEY PLAN

1 Science Rooms C125 Plan
1/4" = 1'-0"
NOTE: PLAN IS ROTATED FROM KEY PLAN

Plan Notes

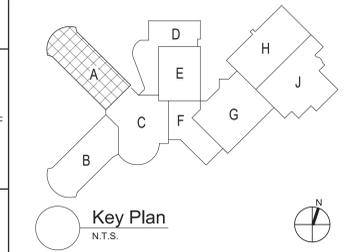
A. REFER TO DRAWING NO. FP050 FOR GENERAL NOTES.

B. REMOVE ABANDONED ACCESSIBLE PIPING TO MAIN BRANCHES. STACKS OR RISERS AS REQUIRED TO ELIMINATE EXPOSED PIPING AND DEAD END PIPING RUNS LONGER THAN 1'-0". COORDINATE CONCEALMENT OF PIPING WITH FINAL CONSTRUCTION OF WALLS, FLOORS AND CEILINGS.

Plumbing Notes

◇ WORK IS A PART OF ALTERNATE NO. 12.

◇ WORK IS A PART OF ALTERNATE NO. 13.



S.E.D. Control No. 13-02-00-01-0-020-012

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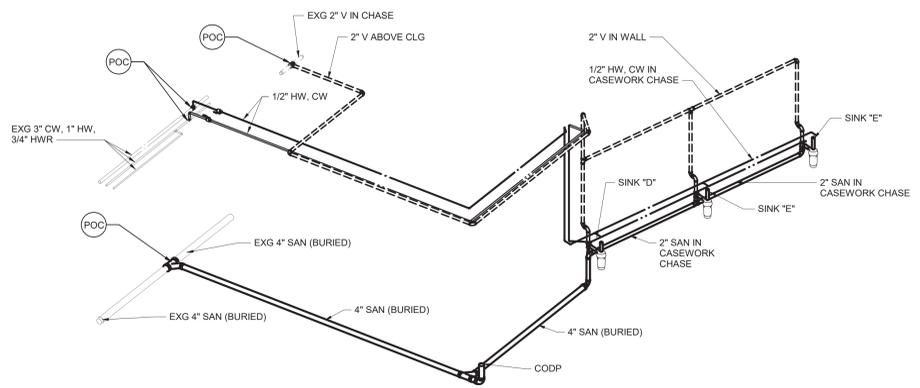


Beacon City School District
Beacon, New York

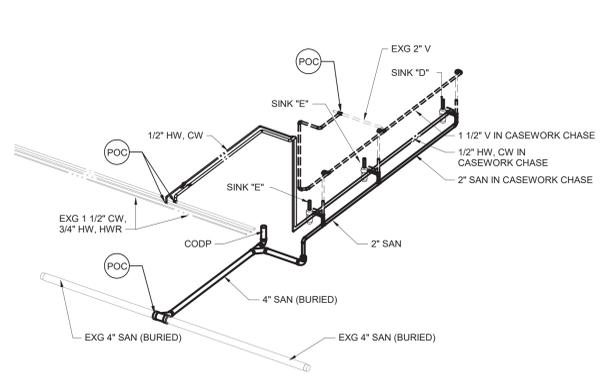
Reconstruction to:
Beacon City High School

Enlarged Science Room Plans and Details

Drawn By: GPD / sef Date: 10/28/2022 Drawing Number:
Project No.: 279180-22004 **FP400**

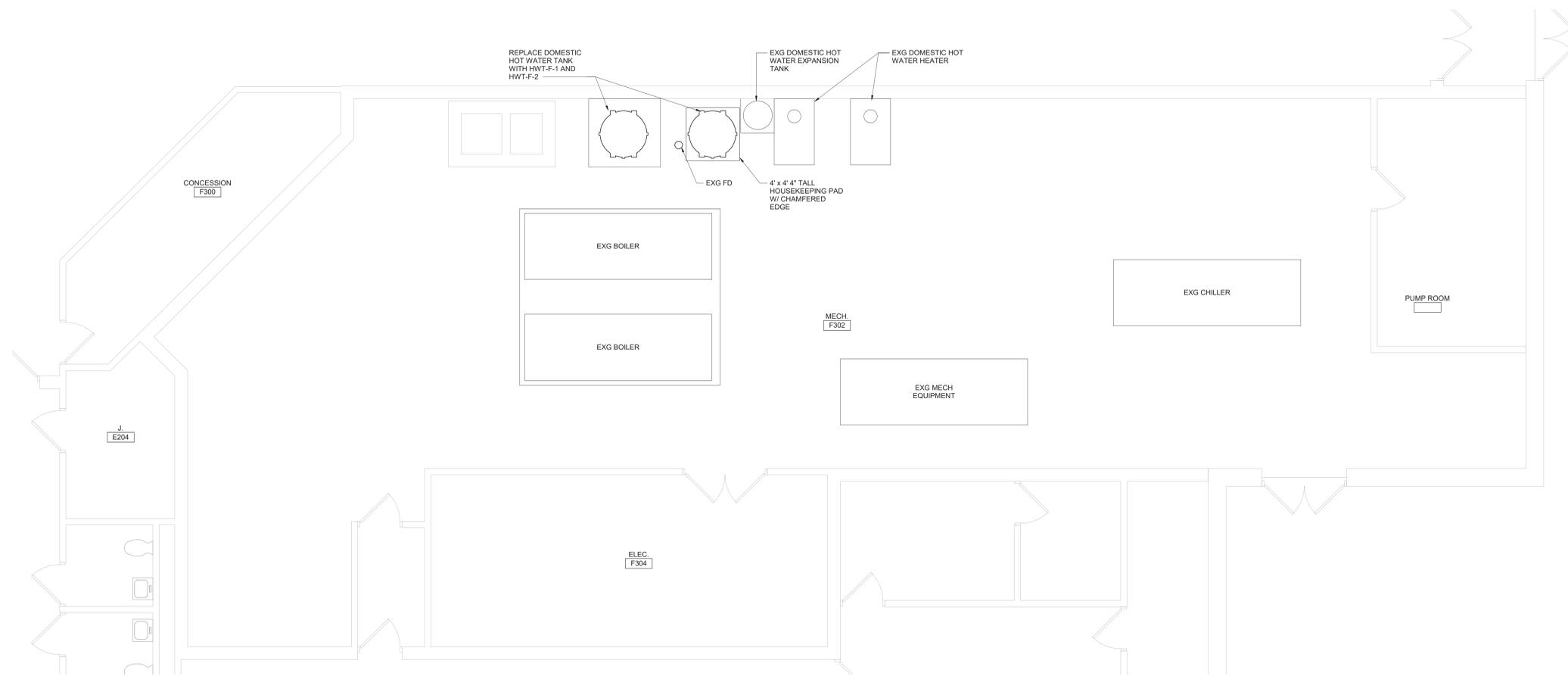


3 Classroom C150 Waste and Vent Isometric
NTS



4 Classroom C125 Waste and Vent Isometric
NTS

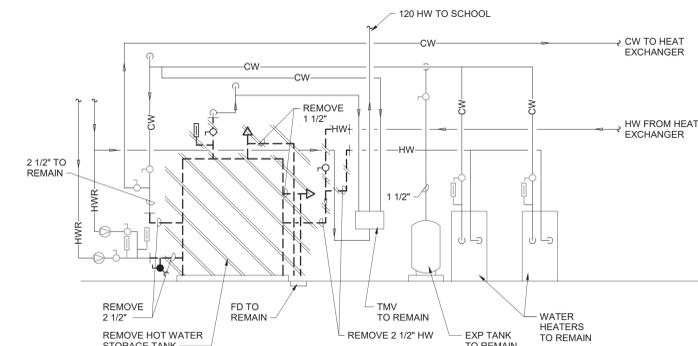
BID SET



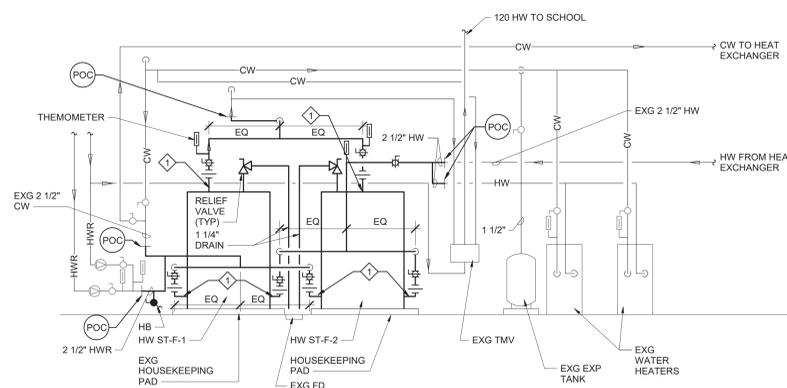
1 Mechanical Room F302 Plan
1/4" = 1'-0"

Domestic Hot Water Storage Tank Schedule												
DWG LABEL	LOCATION	DESIGN MAKE AND MODEL	STORAGE CAPACITY (GALLONS)	STORAGE TEMPERATURE (F)	WORKING PRESSURE (PSI)	RELIEF VALVE SETTING (PSI)	OUTLET SIZE (NPS)	INLET SIZE (NPS)	DRAIN SIZE (NPS)	JACKET DIAMETER (INCHES)	OVERALL HEIGHT (INCHES)	NOTES
HWT-F-1	MECH RM F302	A.O. SMITH T.J.V 350A	350	140	160	125	(2) 2 1/2	(4) 2 1/2	1 1/2	46	97	1, 2
HWT-F-2	MECH RM F302	A.O. SMITH T.J.V 350A	350	140	160	125	(2) 2 1/2	(4) 2 1/2	1 1/2	46	97	1, 2

NOTES:
 1. ASME CODE TANK CONSTRUCTION.
 2. JACKETED INSULATED TANKS MEET R12.5 MINIMUM THERMAL INSULATION REQUIREMENTS OF THE U.S. DEPARTMENT OF ENERGY AND CURRENT EDITION OF ASHRAE/IESNA 90.1 ASME.



2 Boiler Room Demolition Schematic
NTS



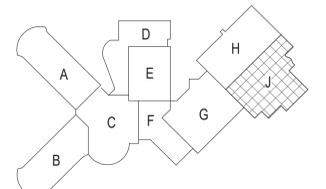
3 Boiler Room Hot Water Storage Tank Schematic
NTS

Plan Notes

- A. REFER TO DRAWING NO. FP050 FOR GENERAL NOTES.
- B. REMOVE ABANDONED ACCESSIBLE PIPING TO MAIN BRANCHES. STACKS OR RISERS AS REQUIRED TO ELIMINATE EXPOSED PIPING AND DEAD END PIPING RUNS LONGER THAN 1'-0". COORDINATE CONCEALMENT OF PIPING WITH FINAL CONSTRUCTION OF WALLS, FLOORS AND CEILINGS.

Plumbing Notes

- ◇ 2 1/2" PIPED HEADER WITH A CENTERED TAKEOFF.



Key Plan
N.T.S.

S.E.D. Control No. 13-02-00-01-0-020-012

Rev. No.: Date: Description:



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 Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET



Beacon City School District
 Beacon, New York

Reconstruction to:
 Beacon City High School

Enlarged Mechanical Room F302 Plan

Drawn By: GPD / sef	Date: 10/28/2022	Drawing Number:
Project No.:	FP402	
279180-22004		