

PLAN VIEW



1 AREA C1 - ASBESTOS ABATEMENT PLAN
1/8" = 1'-0"

NOT TO SCALE

- LEGEND:**
- Remove Vinyl Asbestos Floor Tile, Wall Base, and Mastic down to Concrete Substrate.
 - 1 Remove Wall Mounted PACM Board/Caulkboard & Glue Dots.
 - 2 Remove Applied Wood Wall Paneling, Trim and Base, down to Plaster below (Full Extent of Room)
 - Approximate Location of the Decon & Work Area Perimeter

- Asbestos Abatement General Notes:**
- All drawings are a graphic representation of approximate locations of existing and new materials. It is the contractor's responsibility to field verify all existing conditions, quantities and dimensions prior to commencement of work.
 - The abatement plan notes list indicated below may, or may not, be indicated on the abatement plan(s) on this drawing sheet.
 - Abatement plan notes that point to a specific item indicates abatement of that item. Abatement plan notes that do not point to a specific item indicates abatement within the entire room, corridor, etc.
 - All work shall be performed in accordance with the project specification, OSHA 29 CFR 1926.1101, USEPA 40 CFR part 763 and 40 CFR part 61 - Sub Part M, NYS industrial code rule 56 and any appropriate applicable and/or site specific variances.
 - The location of any on-site storage of materials, equipment, decontamination facilities and dumpster/waste trailer shall be coordinated with and approved by the owner's representative and architect.
 - Where applicable, contractor shall ensure all electrical circuits within their work areas are properly locked/tagged in accordance with OSHA 29 CFR 1926.417.
 - Any quantities provided on the drawings are for bidding purposes only. The contractor is responsible for field verifying all job conditions and material quantities prior to bidding.

SITE:
Tappan Zee High School
15 Dutch Hill Road,
Orangeburg, NY 10962

CONSULTANT:
Omega Env. Services
280 Huyler Street
S Hackensack, NJ 07606
Tel: (201) 489-8700 Fax: (201) 342-5412

Veronica Kero
Project Designer:
License #: 91-00474
NY-PE License #: 087449-1



Job #: 24-10-3385

| REVISION | |
|----------|------------|
| No. | Date |
| 1 | 11/07/2024 |
| 2 | 11/18/2024 |

Table 1: Scope of Work Summary

| Location(s) | Description of ACM Identified | Estimated Removal QTY | Abatement Procedure | Notes |
|---|-----------------------------------|-----------------------|--|--|
| 300 Wing Area C1 - C2, Classrooms 301, 303, 305, 306, 307, 309, 310, 311, 311A & 312 | VAT/Mastic & Cove Base | 6,350 sq. ft. | NYS DOL Full Containment Utilizing Chemical Removal Procedures | (No residual chemical odors permitted) |
| 300 Wing Multiple Classrooms | (PACM) Board/Chalkboard Glue Dots | 185 sq. ft. | NYS DOL Non-Friable Tent Procedures | Abatement Contractor to verify exact square feet of Chalkboard & Glue Dots |

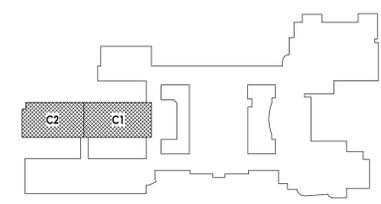
* Exact quantities to be verified during the abatement phase(s).

ASBESTOS LOCATION PLAN: 300 WING - AREA C1-C2

DWG: 02



KEY PLAN:



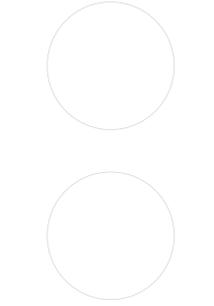
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26 IBM Road
Poughkeepsie, NY 12601
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION
Project Number: R22.14457.20
Client Name: SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT
Project Name: PHASE 2: 2022 BOND
TAPPAN ZEE HIGH SCHOOL
Building Address: 15 DUTCH HILL ROAD, ORANGEBURG, NY 10962
SID # 50-03-01-04-0-004-003
Registration Expiration Dates:
Lorena Tanna 05/30/24
Anthony Marchetti 05/31/27
Doree Hoyt 02/28/25
Jennifer Wengender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE
1 11/08/2024 BID ADDENDUM #3
5 11/19/2024 BID ADDENDUM #5

PROFESSIONAL STAMPS



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SHEET INFORMATION
Issued: 10/25/2024 Scale: As indicated
Project Status: BID DOCUMENTS
Drawn By: CJD Checked By: LT
Drawing Title: AREA C ASBESTOS ABATEMENT PLAN
Drawing Number: TZHS HZ102



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26 IBM Road
Poughkeepsie, NY 12601
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NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
R22.14457.20
Client Name

SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name
PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

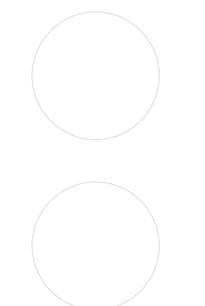
Building Address
15 DUTCH HILL ROAD, ORANGETOWN, NY 10962

SED # 20-03-01-04-0-004-003
Registration Expiration Dates
Loreen Tanna 05/30/24
Anthony Marchetti 05/31/27
Diane Hoyt 05/28/25
Jennifer Wengender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

Issue Description
5 11/19/2024 BID ADDENDUM #5

PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION STATEMENT
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SHEET INFORMATION

Issued
10/25/2024 Scale
As indicated

Project Status
BID DOCUMENTS

Drawn By
CJD Checked By
LT

Drawing Title
AREA E & F DEMOLITION FLOOR PLAN

Drawing Number

**TZHS
A105**

DEMOLITION GENERAL NOTES

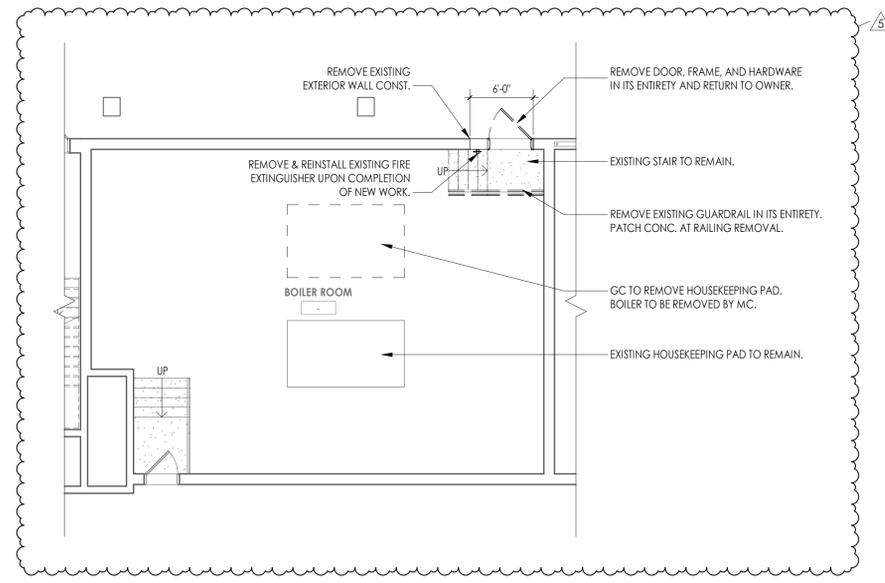
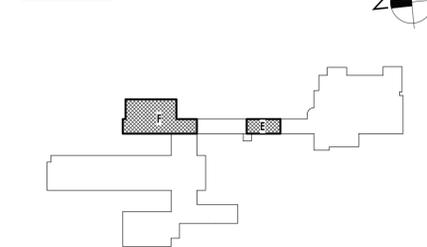
- ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF MATERIALS TO BE REMOVED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS & DIMENSIONS PRIOR TO COMMENCEMENT OF ALL DEMOLITION WORK.
- REFER TO THE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR DEMOLITION OF EXISTING UTILITIES AND SERVICES.
- THE OWNER SHALL PROVIDE THE CONTRACTOR WITH A LIST OF ALL ITEMS TO BE SALVAGED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL PROTECT ADJACENT SURFACES AND FINISHES NOT SCHEDULED FOR DEMOLITION WORK AND SHALL REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTED WORK AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL COORDINATE THE DEMOLITION WORK WITH THE OVERALL PROJECT PHASING.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOM CLEANED AT END OF EACH DAY.
- THE CONTRACTOR SHALL MAINTAIN AND CONTINUE SAFE ACCESS TO ALL EXITS FOR THE BUILDING OCCUPANTS DURING CONSTRUCTION.
- IN THE CASE THAT ANY SUSPICIOUS MATERIALS ARE UNCOVERED THAT APPEAR TO CONTAIN HAZARDOUS MATERIALS SUCH AS BUT NOT LIMITED TO MOLD, LEAD PAINT OR ASBESTOS, LEAVE THE PREMISES AND NOTIFY THE OWNER & ABATEMENT CONTRACTOR FOR REQUIRED TESTING AND/OR REMOVALS.
- REMOVE ALL MISCELLANEOUS WALL MOUNTED ITEMS ON WALLS SCHEDULED TO RECEIVE NEW FINISHES INCLUDING BUT NOT LIMITED TO TRIM, TACK STRIPS, FLAG HOLDERS, ETC.

DEMOLITION KEY NOTES

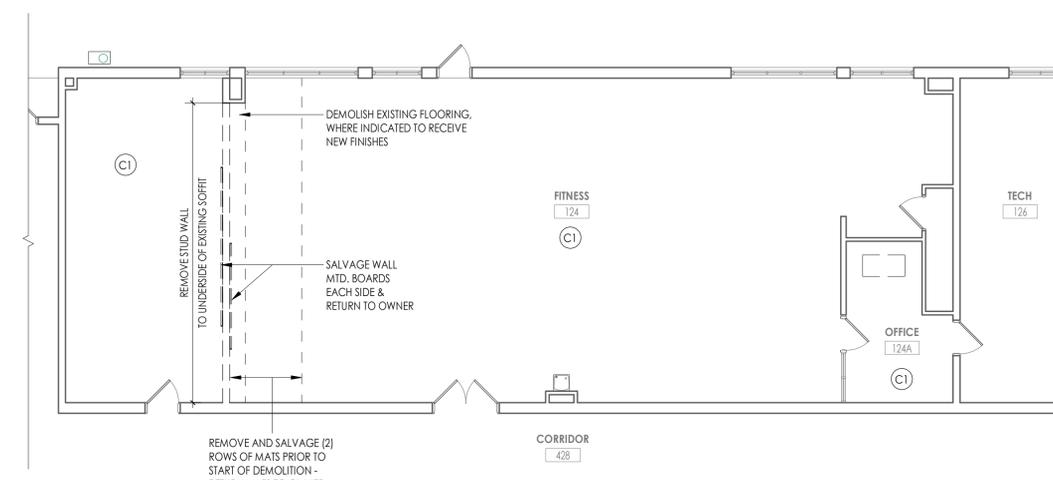
- (C1) REMOVE ACT CEILING SYSTEM IN ITS ENTIRETY
- (C2) REMOVE SPLINE CEILING SYSTEM IN ITS ENTIRETY
- (C3) REMOVE GYPSUM WALL BOARD SOFFIT IN ITS ENTIRETY
- (C4) REMOVE ACT CEILING SYSTEM IN ITS ENTIRETY. SALVAGE CEILING TILES TO BE REINSTALLED IN NEW GRID.
- (D1) REMOVE DOOR & HARDWARE. EXISTING FRAME TO REMAIN
- (D2) REMOVE DOOR, FRAME, AND HARDWARE IN ITS ENTIRETY AND RETURN TO OWNER.
- (D3) REMOVE SLIDING DOOR, FRAME, AND HARDWARE IN ITS ENTIRETY. THRESHOLD TO REMAIN UNDISTURBED AND TO BE REMOVED BY ABATEMENT CONTRACTOR.
- (D4) REMOVE OPERABLE PARTITION IN ITS ENTIRETY, INCLUDING TRACK AND FRAMED WALL.
- (F1) VINYL ASBESTOS TILE FLOORING TO BE REMOVED BY ABATEMENT CONTRACTOR. REFER TO HZ DRAWINGS.
- (F2) REMOVE VCT FLOORING AND WALL BASE IN ITS ENTIRETY.
- (M1) REMOVE CASEWORK
- (M2) REMOVE WOOD TRIM FROM FRAMED OPENING, BOTH SIDES.
- (M3) REMOVE EXISTING UNIT VENTILATOR PLATFORM IN ITS ENTIRETY.
- (M4) ABATEMENT CONTRACTOR TO REMOVE WALL MTD. BOARD IN ITS ENTIRETY
- (M5) NOT USED
- (M6) REMOVE CEILING FAN AND SALVAGE FOR REINSTALLATION.
- (M7) REMOVE EXISTING WALL MTD. FAN AND RETURN TO OWNER.
- (M8) REMOVE EXISTING WINDOW AC UNIT AND SURROUNDING PANEL. TURN AC UNIT OVER TO OWNER
- (M9) EXISTING PTAC TO BE REMOVED BY M.C.
- (M10) EXISTING U.V. TO BE REMOVED BY M.C.
- (M11) EXISTING SSI TO BE REMOVED BY M.C.
- (M12) REMOVE & SALVAGE STOVE. RETURN TO OWNER
- (M13) REMOVE EXISTING TRACK AND WOOD TRIM IN ITS ENTIRETY.
- (P1) M.C. TO REMOVE EXISTING SINK. REFER TO PLUMBING DRAWINGS
- (P2) NOT USED
- (W1) REMOVE CMU WALL
- (W2) REMOVE STEEL STUD WALL
- (W3) REMOVE GYPSUM BOARD AND WOOD FRAMING IN ITS ENTIRETY
- (W4) ABATEMENT CONTRACTOR TO REMOVE WOOD WALL PANELING, BASE AND TRIM IN ITS ENTIRETY FROM WALLS, DOWN TO PLASTER BELOW. GC TO PREPARE SURFACE TO RECEIVE NEW GYPSUM BOARD

NOTE:
WALL MOUNTED BOARDS ARE TO REMAIN UNDISTURBED UNLESS OTHERWISE NOTED.

KEY PLAN:



2 AREA F - BOILER ROOM DEMOLITION FLOOR PLAN
1/8" = 1'-0"



1 AREA E - GROUND FLOOR DEMOLITION PLAN - FITNESS ROOM
1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FINISHES AND EQUIPMENT NOT REMOVED UNDER THE SCOPE OF WORK. ANY DAMAGE WILL BE REPAIRED TO THE OWNER/ARCHITECT'S SATISFACTION AT NO COST TO THE OWNER.
3. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT END OF EACH DAY.
4. THE CONTRACTOR SHALL PROVIDE DUST CONTROL BARRIERS AT ALL AREAS OF CONSTRUCTION.
5. THE CONTRACTOR SHALL PATCH ALL SURFACES WHERE EXISTING MATERIALS HAVE BEEN DISTURBED TO MATCH AND BE FLUSH WITH ADJACENT CONSTRUCTION AT ALL FLOOR, WALL AND CEILING LOCATIONS.
6. COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
7. REFER TO I DRAWINGS FOR INTERIOR FINISHES

FLOOR PLAN LEGEND

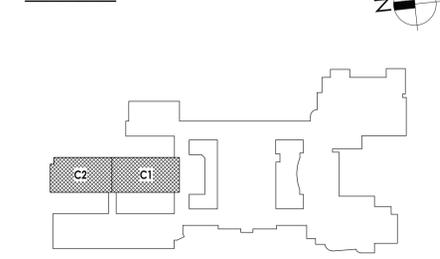
NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

| | | | |
|--|--------------------------------------|--|-----------------------------|
| | DOOR TARGET, SEE SCHEDULE | | WINDOW TARGET, SEE SCHEDULE |
| | COLUMN LINE IDENTIFICATION | ROOM NAME HT234.2 150 SF 10'-0" x 19'-0" | ROOM TAG |
| | SECTION MARK | | INTERIOR ELEVATION MARK |
| | EXTERIOR ELEVATION MARK | | DETAIL FOR REFERENCE MARK |
| | DENOTES FINISH FLOOR GRADE ELEVATION | | |

FLOOR PLAN KEY NOTES

- 1 PATCH PLASTER WALL AS REQ'D AT DEMOLISHED WALLS & CASEWORK
- 2 INFILL WALL OPENING WITH 8" CMU AND PLASTER BOTH SIDES TO MATCH EXISTING. PATCH WALL BASE TO MATCH EXISTING.
- 3 INFILL EXTERIOR MASONRY WALL AT DEMOLISHED UV LOCATIONS. REFER TO DETAIL 1/A800
- 4 REPLACE WINDOW PANEL W/ GLAZING AT EXISTING AC REMOVAL. REFER TO A900
- 5 NEW CASEWORK. REFER TO INTERIOR ELEVATIONS AND A800 SERIES FOR DETAILS.
- 6 PATCH PLASTER WALL AT REMOVALS
- 7 PATCH PLASTER WALL AT DEMOLISHED LIGHT FIXTURE
- 8 PATCH PLASTER WALL AS REQ'D AT DEMOLISHED TRACK
- 9 SMARTBOARD TO BE FURNISHED & INSTALLED BY OWNER. REFER TO I DRAWINGS FOR DATA CONNECTION LOCATIONS.
- 10 LAMINATE GYPSUM WALL BOARD AS SPECIFIED. GYP TO EXTEND 6" MIN. ABOVE FINISHED CEILING.
- 11 NEW HOUSEKEEPING PAD BY GC. REFER TO DETAIL 8/A800

KEY PLAN:



NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION
Project Number: R22.14457.20
Client Name: SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT
Project Name: PHASE 2: 2022 BOND

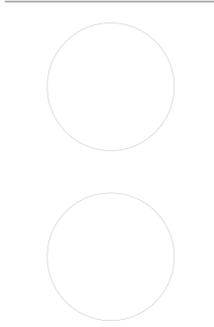
TAPPAN ZEE HIGH SCHOOL
Building Address: 15 DUTCH HILL ROAD, ORANGETOWN, NY 10962

SED # 20-03-01-04-0-004-003
Registration Expiration Dates:
Loreen Tanski 09/30/24
Anthony Marchetti 05/31/27
David Hoyt 02/28/25
Jennifer Wengender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

| | | |
|---|------------|-----------------|
| # | Date | Description |
| 1 | 11/04/2024 | BID ADDENDUM #2 |
| 2 | 11/19/2024 | BID ADDENDUM #5 |

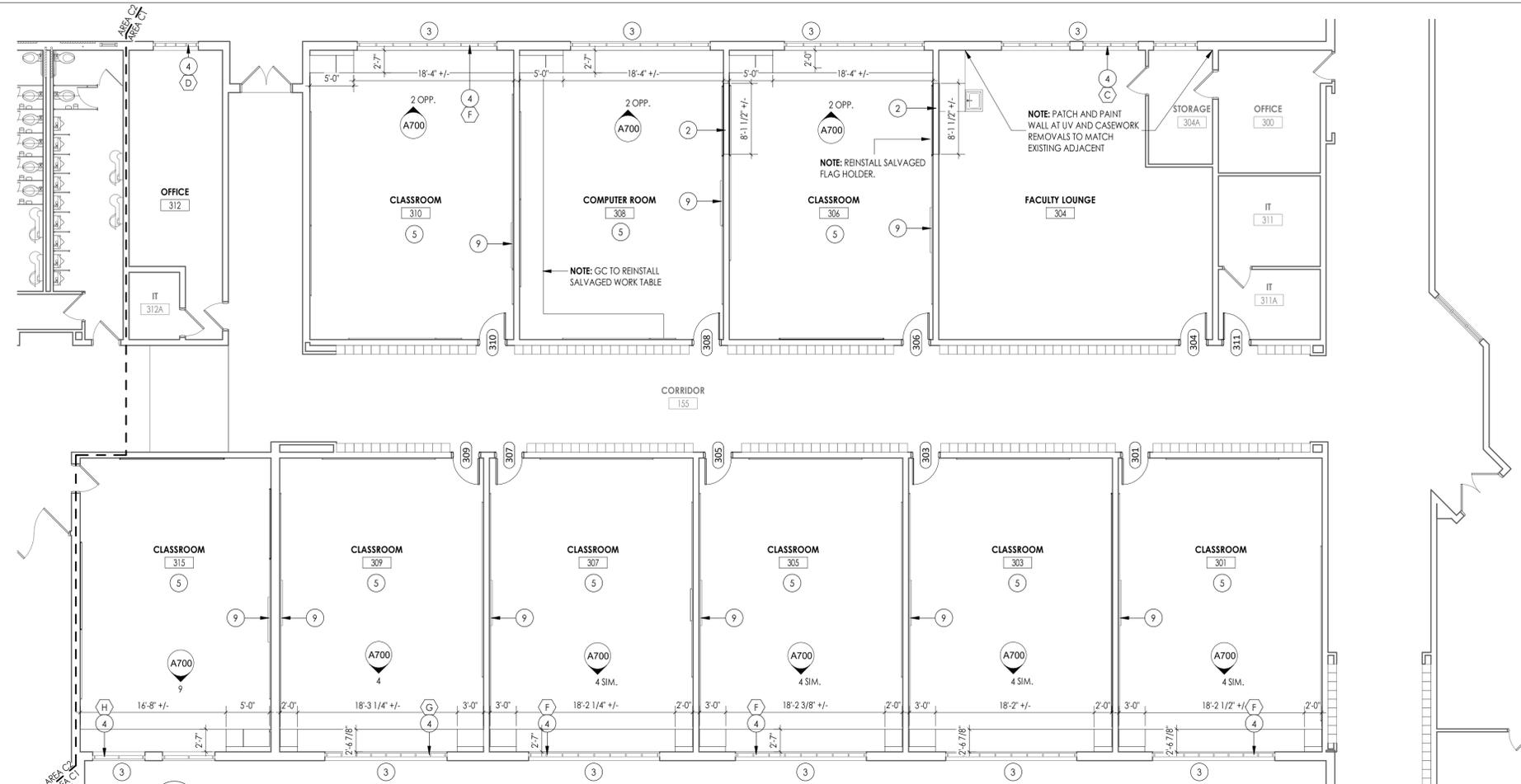
PROFESSIONAL STAMPS



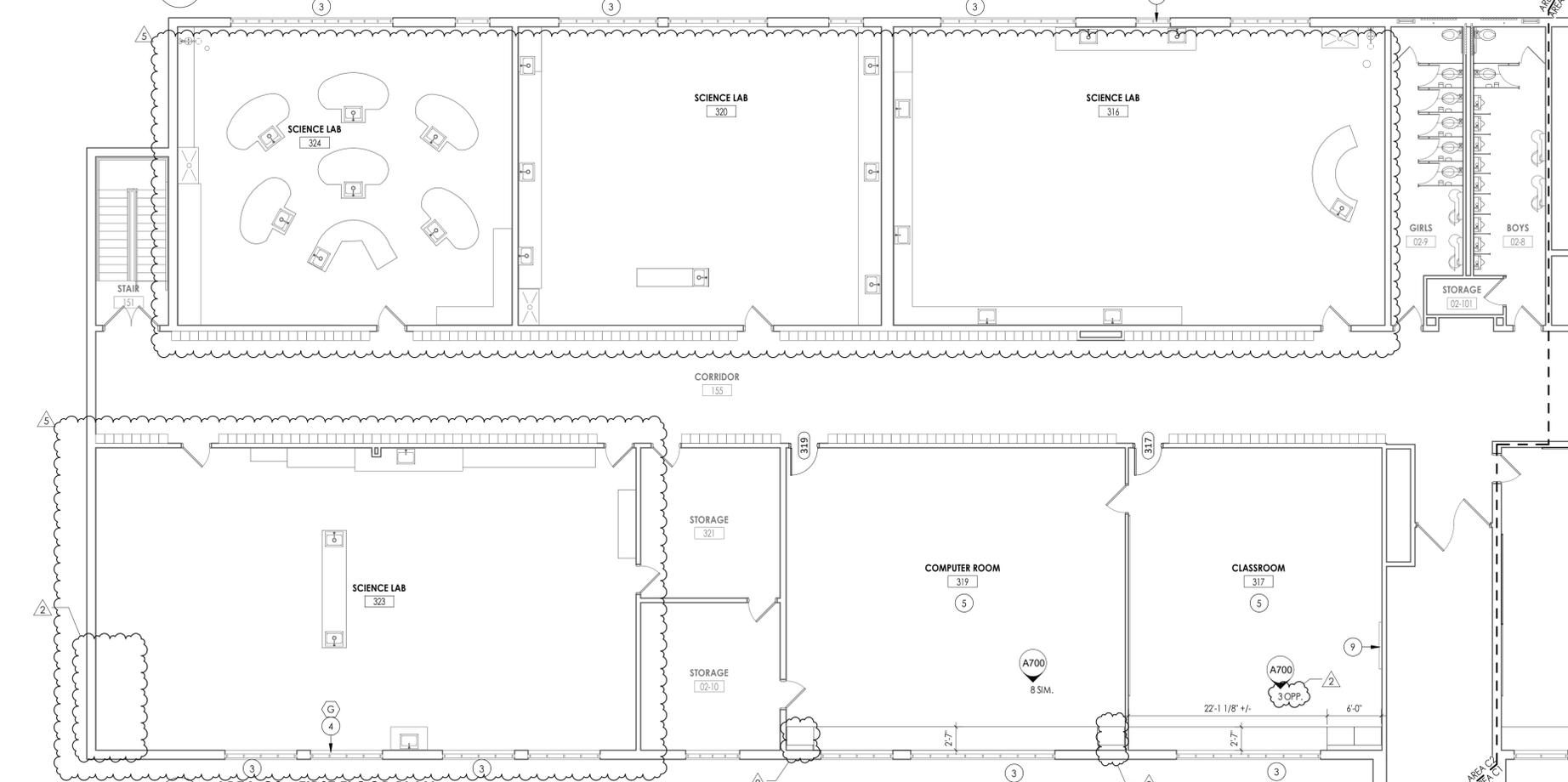
NEW YORK STATE EDUCATION STATUTE
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SHEET INFORMATION
Issued: 10/25/2024
Scale: As indicated
Project Status: BID DOCUMENTS
Drawn By: CJD
Checked By: LT
Drawing Title: AREA C NEW WORK PLAN

Drawing Number: TZHS A203



1 AREA C1 - FIRST FLOOR PLAN
1/8" = 1'-0"



2 AREA C2 - FIRST FLOOR PLAN
1/8" = 1'-0"



CPL | Architecture Engineering Planning
26 IBM Road
Poughkeepsie, NY 12601
CPLteam.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
R22.14457.20

Client Name
SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name
PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address
15 DUTCH HILL ROAD, ORANGETOWN, NY 10962

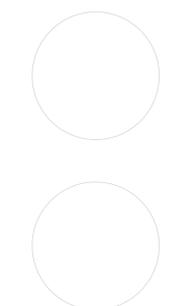
SED # 20-03-01-04-0-004-003

Registration Expiration Dates
Loreen Tanski 05/30/24
Anthony Marchetti 05/31/27
Danie Hoff 02/28/25
Jennifer Wengender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

5 11/19/2024 BID ADDENDUM #5

PROFESSIONAL STAMPS



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SHEET INFORMATION

Issued 10/25/2024 Scale As indicated

Project Status
BID DOCUMENTS

Drawn By CJD Checked By LT

Drawing Title
AREA E & F NEW WORK PLAN

Drawing Number
TZHS A205

FLOOR PLAN GENERAL NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
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6. COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
7. REFER TO I DRAWINGS FOR INTERIOR FINISHES

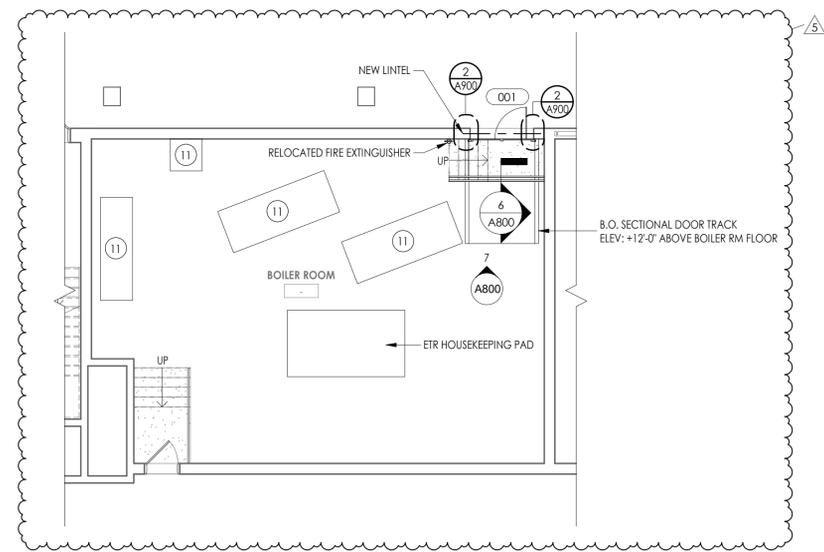
FLOOR PLAN LEGEND

NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

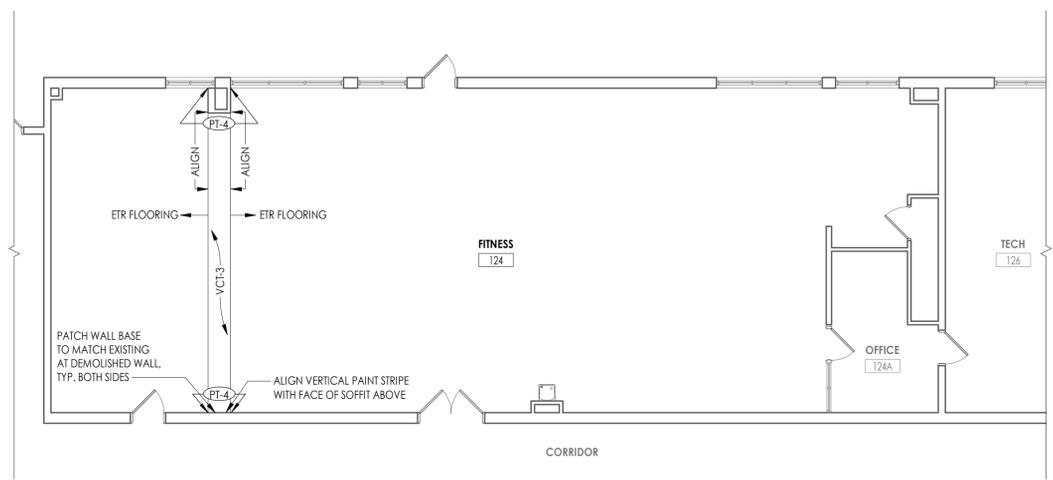
| | | | |
|-----------|----------------------------|---|--------------------------------------|
| DOOR | DOOR TARGET, SEE SCHEDULE | W1 | WINDOW TARGET, SEE SCHEDULE |
| 1 A | COLUMN LINE IDENTIFICATION | ROOM NAME HT234.2 150 SF 10'-0" x 19'-0" | ROOM TAG |
| 1 A3.1 | SECTION MARK | 1 A4.1 | DETAIL FOR REFERENCE MARK |
| 3 A301 | EXTERIOR ELEVATION MARK | | DENOTES FINISH FLOOR GRADE ELEVATION |

FLOOR PLAN KEY NOTES

- 1 PATCH PLASTER WALL AS REQ'D AT DEMOLISHED WALLS & CASEWORK
- 2 INFILL WALL OPENING WITH 8" CMU AND PLASTER BOTH SIDES TO MATCH EXISTING. PATCH WALL BASE TO MATCH EXISTING.
- 3 INFILL EXTERIOR MASONRY WALL AT DEMOLISHED UV LOCATIONS. REFER TO DETAIL 1/A800
- 4 REPLACE WINDOW PANEL W/ GLAZING AT EXISTING AC REMOVAL. REFER TO A900
- 5 NEW CASEWORK. REFER TO INTERIOR ELEVATIONS AND A800 SERIES FOR DETAILS.
- 6 PATCH PLASTER WALL AT REMOVALS
- 7 PATCH PLASTER WALL AT DEMOLISHED LIGHT FIXTURE
- 8 PATCH PLASTER WALL AS REQ'D AT DEMOLISHED TRACK
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- 10 LAMINATE GYPSUM WALL BOARD AS SPECIFIED. GYP TO EXTEND 6" MIN. ABOVE FINISHED CEILING.
- 11 NEW HOUSEKEEPING PAD BY GC. REFER TO DETAIL 8/A800

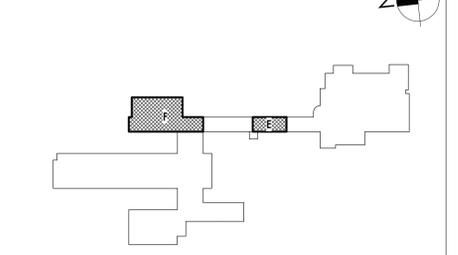


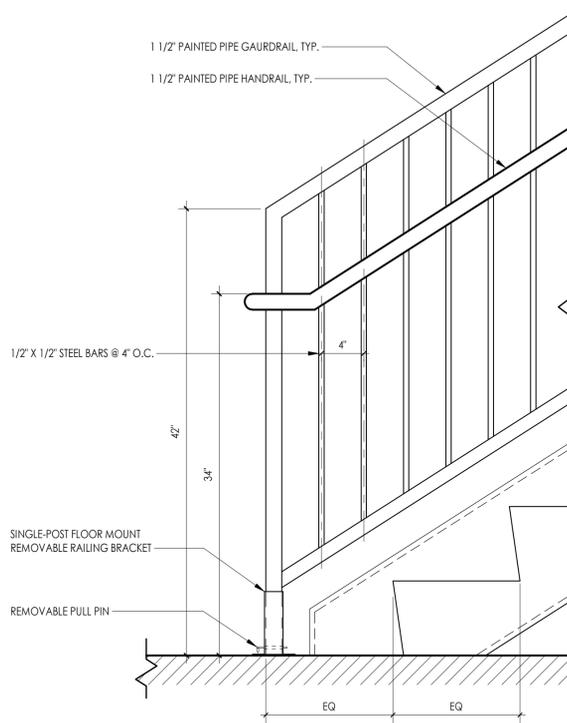
2 AREA F - BOILER ROOM NEW WORK FLOOR PLAN
1/8" = 1'-0"



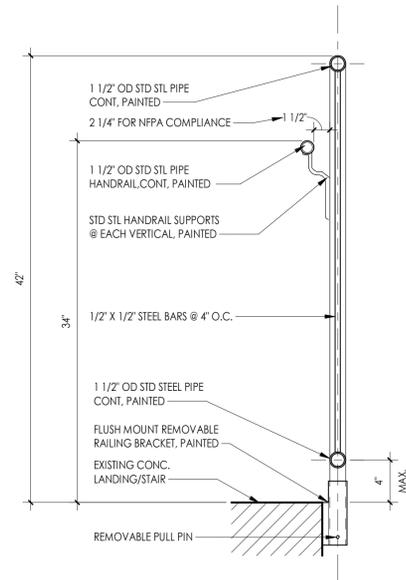
1 AREA E - GROUND FLOOR NEW WORK PLAN - FITNESS ROOM
1/8" = 1'-0"

KEY PLAN:

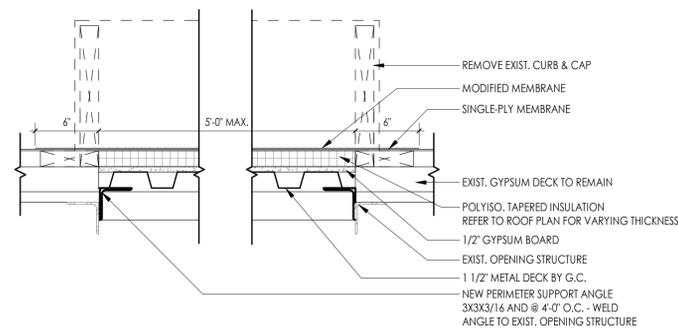




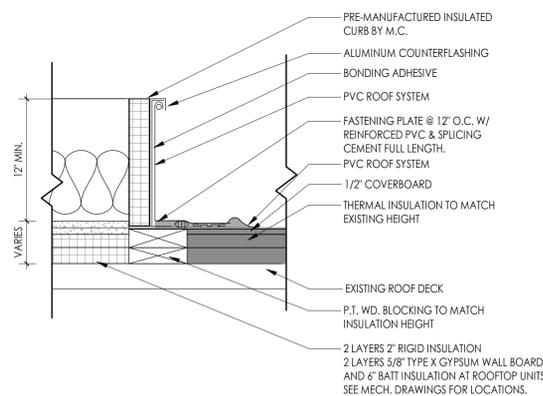
7 BOILER ROOM - ELEVATION OF STAIR END GUARDRAIL W/ HANDRAIL
 1 1/2" = 1'-0"
 A800



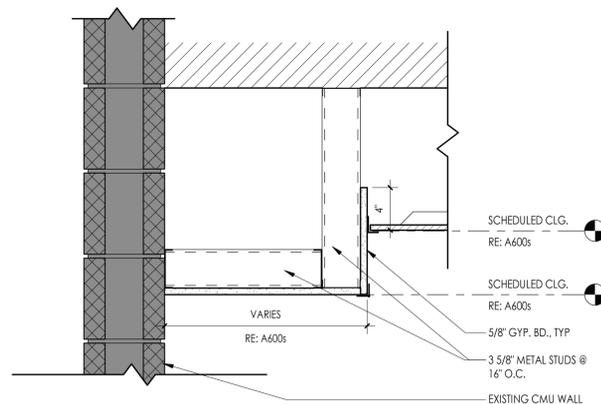
6 BOILER ROOM - SECTION THRU STAIR @ GUARDRAIL W/ HANDRAIL
 1 1/2" = 1'-0"
 A800



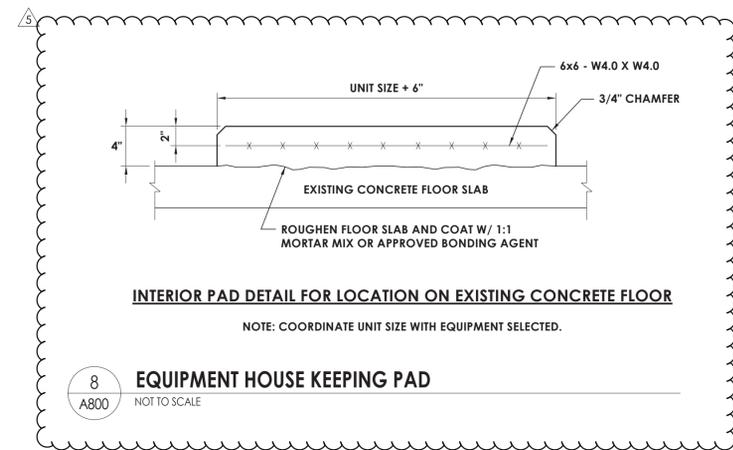
5 TYPICAL ROOF DECK INFILL DETAIL
 1 1/2" = 1'-0"
 A800



3 TYPICAL ROOF CURB DETAIL
 1 1/2" = 1'-0"
 A800



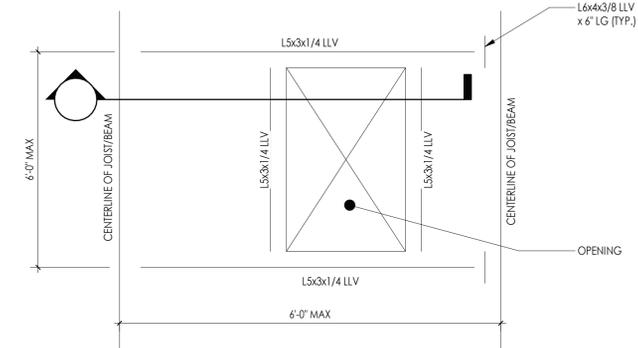
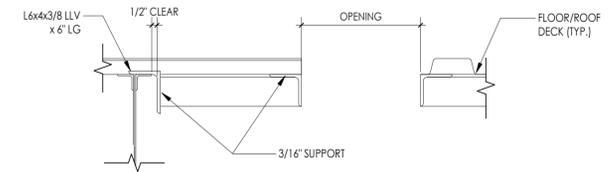
2 TYP. GWB SOFFIT DETAIL @ WALL
 1 1/2" = 1'-0"
 A800



INTERIOR PAD DETAIL FOR LOCATION ON EXISTING CONCRETE FLOOR

NOTE: COORDINATE UNIT SIZE WITH EQUIPMENT SELECTED.

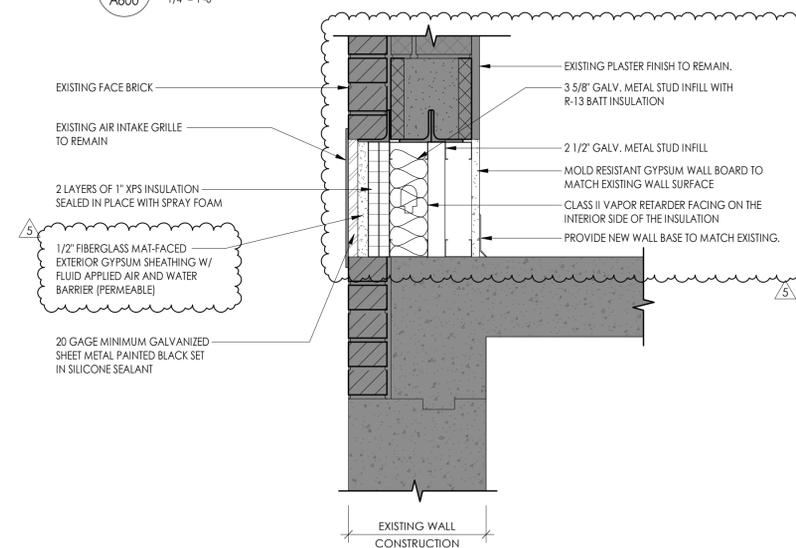
8 EQUIPMENT HOUSE KEEPING PAD
 NOT TO SCALE
 A800



DETAIL NOTES:

1. THE ABOVE STEEL SIZES SHALL BE USED UNLESS NOTED OTHERWISE ON THE PLANS.
2. CONTRACTOR TO COORDINATE EQUIPMENT AND OPENING SUPPORTS WITH MECHANICAL CONTRACTOR AND FINAL APPROVED EQUIPMENT SUBMITTAL.

4 ROOF OPENING SUPPORT DETAIL
 1/4" = 1'-0"
 A800



1 EXTERIOR MASONRY INFILL
 1 1/2" = 1'-0"
 A800



CPL | Architecture Engineering Planning
 26 IBM Road
 Poughkeepsie, NY 12601
 CPLearn.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
 R22.14457.20

Client Name
SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name
PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address
 15 DUTCH HILL ROAD, ORANGEBURG, NY 10962

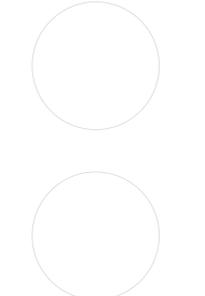
SED # 20-03-01-04-0-004-003

Registration Expiration Dates
 Lauren Tanya 05/30/24
 Anthony Marchetti 05/31/27
 David Hoyt 03/28/25
 Jennifer Wengender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

Issue Description
 5 11/19/2024 BID ADDENDUM #5

PROFESSIONAL STAMPS



NEW FOR DATE EDUCATION STATEMENT

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SHEET INFORMATION

Issued 10/25/2024 Scale As indicated

Project Status BID DOCUMENTS

Drawn By CPL Checked By CPL

Drawing Title TYPICAL DETAILS

Drawing Number
TZHS A800

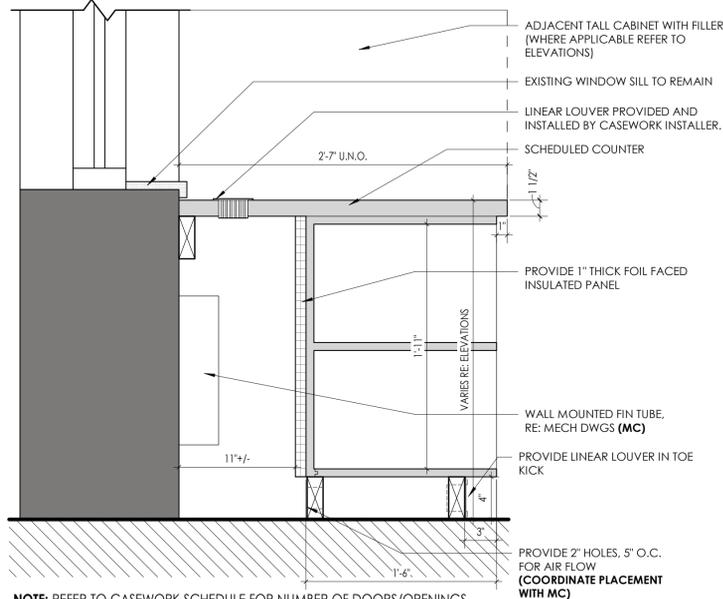
| CASEWORK SCHEDULE | | | | |
|---------------------------|-----------------------------------|--------------------------|-------------------------|---|
| TYPE MARK | DESCRIPTION | DIMENSIONS | PRODUCT # | NOTES |
| BASE CABINET (BC) | | | | |
| BC-1 | 2 DOORS, 1 ADJUSTABLE SHELF | VARIES; REF. A700 SERIES | TMI # B2052 | |
| BC-2 | 2 EQUAL LATERAL FILE DRAWERS | VARIES; REF. A700 SERIES | TMI # D2804 | |
| CUSTOM (C) | | | | |
| C-1 | 2 DOORS, 1 ADJUSTABLE SHELF | VARIES; REF. A700 SERIES | TMI # B2052 | REFERENCE TMI PRODUCT FOR DESIGN INTENT; CABINET TO BE CUSTOM 24" HIGH. |
| C-2 | 2 EQUAL DRAWERS | VARIES; REF. A700 SERIES | TMI # D2001 | REFERENCE TMI PRODUCT FOR DESIGN INTENT; CABINET TO BE CUSTOM 24" HIGH. |
| METAL CABINET (MC) | | | | |
| MC-1 | OPEN SHELVING, 1 ADJUSTABLE SHELF | 36"W x 29"H x 16"D | TRANE # SHL-B-B-1-03 | |
| TALL CABINET (TC) | | | | |
| TC-1 | 2 DOOR WARDROBE | VARIES; REF. A700 SERIES | TMI # T2586, TMI # 2590 | REFER TO ELEVATIONS FOR LEFT OR RIGHT WARDROBE PLACEMENT |
| TC-2 | NOT USED | NOT USED | NOT USED | NOT USED |
| TC-3 | ADJUSTABLE OPEN SHELVING | VARIES; REF. A700 SERIES | TMI # T1100 | |

CASEWORK GENERAL NOTES:

***NOTE:**
1. ALL CASEWORK WITH DOORS/ DRAWERS TO RECEIVE LOCKS PER OWNER REQUEST. OWNER IS RESPONSIBLE FOR KEYING.

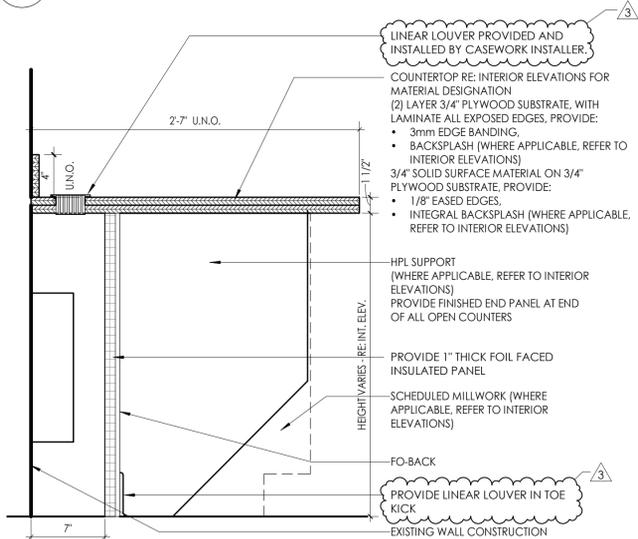
NOTE: CASEWORK BY OWNER (PROVIDE AND INSTALL), SHOWN FOR REFERENCE ONLY. ALL TRADES TO COORDINATE WITH CASEWORK CONTRACTOR AS REQUIRED.

****ALL WORK PERTAINS TO CASEWORK CONTRACTOR UNLESS NOTED OTHERWISE (GC= GENERAL CONTRACTOR RESPONSIBILITY AND MC=MECHANICAL CONTRACTOR)****



5 BASE CABINET W/ FIN TUBE VENTILATION

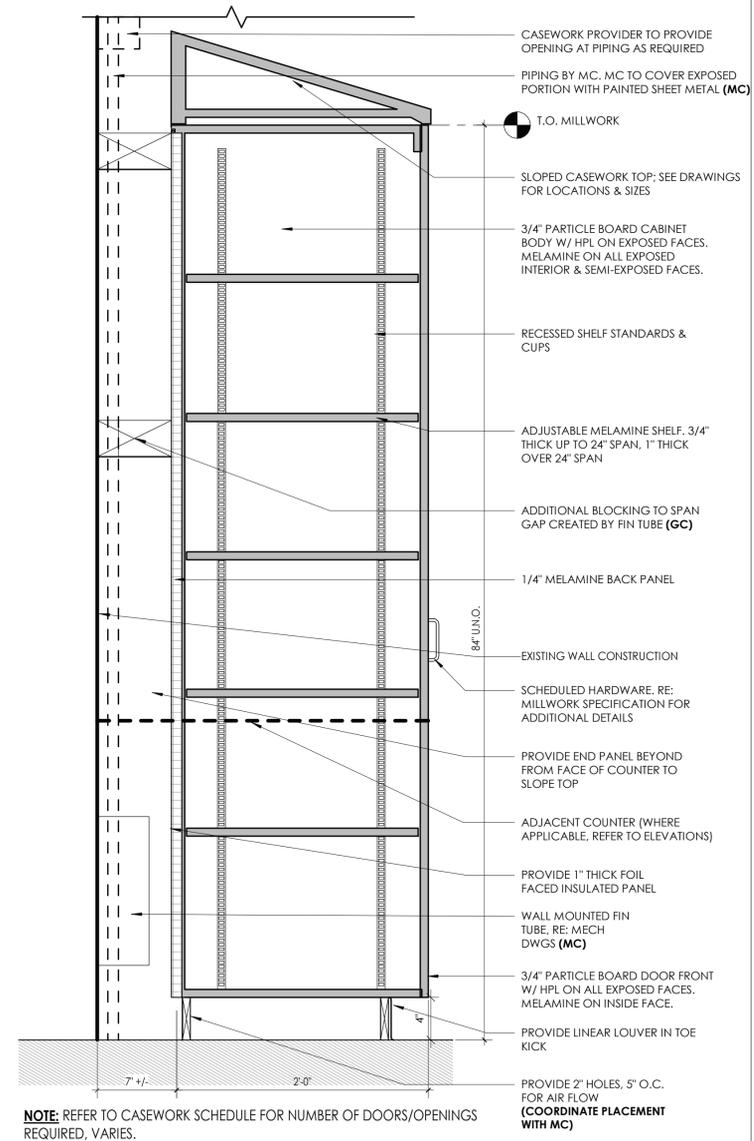
A801 1 1/2" = 1'-0"



4 TYPICAL LAMINATE WORKSURFACE SECTION

A801 1 1/2" = 1'-0"

****ALL WORK PERTAINS TO CASEWORK CONTRACTOR UNLESS NOTED OTHERWISE (GC= GENERAL CONTRACTOR RESPONSIBILITY AND MC=MECHANICAL CONTRACTOR)****



1 TALL CABINET W/ FIN TUBE VENTILATION

A801 1 1/2" = 1'-0"



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NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
R22.14457.20

Client Name
SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name
PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address
15 DUTCH HILL ROAD, ORANGETOWN, NY 10962

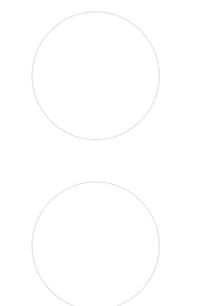
SED # 20-03-01-04-0-004-003

Registration Expiration Dates
Lauren Tanski 06/30/24
Anthony Marchetti 05/31/27
Diane Hoff 02/28/25
Jennifer Wengender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

| # | Date | Description |
|---|------------|-----------------|
| 1 | | Issue |
| 2 | 11/04/2024 | BID ADDENDUM #2 |
| 3 | 11/08/2024 | BID ADDENDUM #3 |
| 5 | 11/19/2024 | BID ADDENDUM #5 |

PROFESSIONAL STAMPS



NEW FOR DATE REVISION STATEMENT
IF A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON UNDER THE SUPERVISION OR DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALLEGED IN ANY WAY BY AN INDIVIDUAL, THE BOARD OF ARCHITECTURE, ENGINEERING AND SURVEYING IS ADVISED THE ADDRESS OF THESE STAMPS AND THE DATE OF SUCH ASSIGNMENT, AND A SPECIFIC DESCRIPTION OF THE ASSIGNMENT.

SHEET INFORMATION

Issued
10/25/2024
Scale
As indicated
Project Status
BID DOCUMENTS
Drawn By
CPL
Checked By
CPL
Drawing Title
MISC. DETAILS

Drawing Number
**TZHS
A801**



CPL | Architecture Engineering Planning
26 IBM Road
Poughkeepsie, NY 12601
CPLearn.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
14457.20

Client Name

**SOUTH ORANGETOWN
CENTRAL SCHOOL DISTRICT**

Project Name

PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address
160 VAN WYCK RD., BLAUVELT, NY 10913

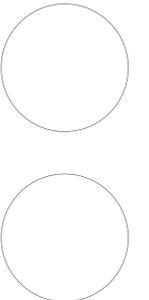
SD # 20-03-01-04-0-004-033

Preparation/Revision Dates
Loreen Tanna 05/20/24
Anthony Marchetti 05/31/27
David Hoff 07/28/25
Jennifer Wengender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

Issue Description
5 11/19/24 BID ADDENDUM #5

PROFESSIONAL STAMPS



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SHEET INFORMATION

Issued 10/25/2024 Scale 1/8" = 1'-0"

Project Status

BID DOCUMENTS

Drawn By KCM Checked By JJM

Drawing Title

FIRST FLOOR DEMOLITION PLAN - AREA C2

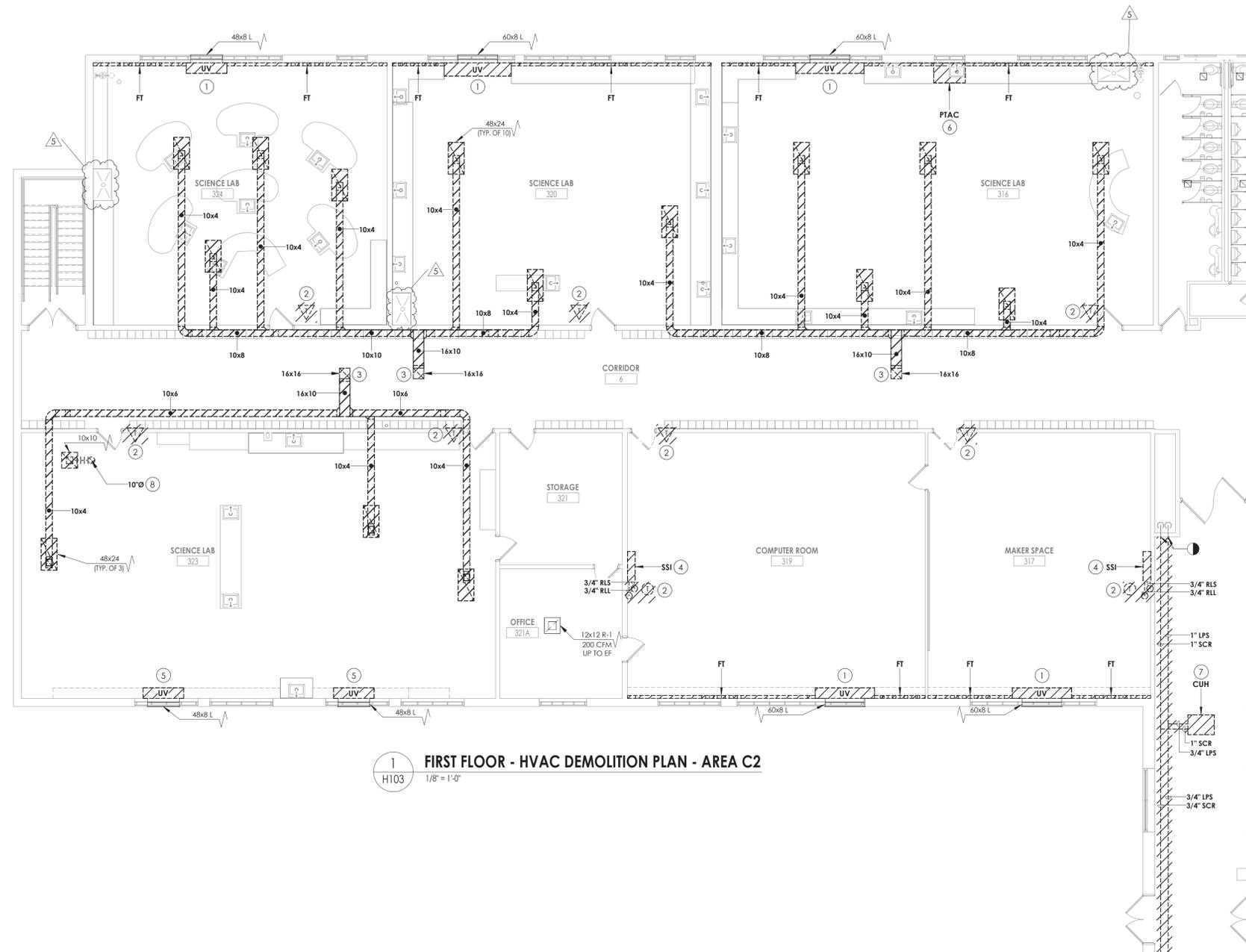
Drawing Number

TZHS

H103

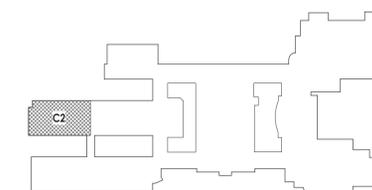
KEY NOTES

- 1 REMOVE EXISTING UNIT VENTILATOR AND FINITUBE. REMOVE PIPING TO LOWER LEVEL. LOUVER AND SLEEVE TO REMAIN. REFER TO ARCHITECTURAL PLANS.
- 2 REMOVE EXISTING TEMPERATURE SENSORS AND WIRING BACK TO CONTROL HEAD END. PREPARE FOR NEW WORK.
- 3 NOT USED.
- 4 REMOVE EXISTING REFRIGERANT PIPING FROM CONDENSING UNIT ON ROOF TO UNIT IN THE CLASSROOM. PRIOR TO REMOVAL, DRAIN ALL PIPING AND DISPOSE OF ALL REFRIGERANT PER THE LATEST ADAPTED RULES AND REGULATION BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA). CONTRACTOR OR TECHNICIAN PERFORMING THE WORK SHALL BE AN EPA APPROVED AGENCY OR ORGANIZATION. REMOVE EXISTING INDOOR AND OUTDOOR SPLIT SYSTEMS. PATCH CURB WEATHER TIGHT.
- 5 REMOVE UNIT VENTILATOR AND ASSOCIATED PIPING. LOUVER AND SLEEVE TO REMAIN. REMOVE CASEWORK BACK TO FLOOR.
- 6 REMOVE PTAC UNIT IN WINDOW.
- 7 REMOVE CABINET UNIT HEATER AND REMOVE PIPING TO POINT INDICATED.
- 8 REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED DUCTWORK BACK TO EXHAUST FAN ON THE ROOF.



1 FIRST FLOOR - HVAC DEMOLITION PLAN - AREA C2
H103 1/8" = 1'-0"

KEY PLAN:





CPL | Architecture Engineering Planning
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Poughkeepsie, NY 12601
CPLearn.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
14457.20

Client Name

**SOUTH ORANGETOWN
CENTRAL SCHOOL DISTRICT**

Project Name

PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address
160 VAN WYCK RD., BLAUVELT, NY 10913

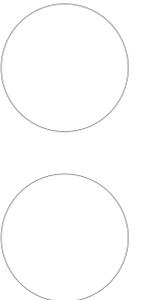
SED # 20-03-01-04-0-004-003

Preparation/Revision Dates
Lizette Torres 05/20/24
Anthony Marchetti 05/31/27
David Hoff 07/28/25
Jennifer Wengender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

| # | Date | Description |
|---|----------|-----------------|
| 5 | 11/19/24 | BID ADDENDUM #5 |

PROFESSIONAL STAMPS



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SHEET INFORMATION

Issued 10/25/2024 Scale 1/8" = 1'-0"

Project Status

BID DOCUMENTS

Drawn By KCM Checked By JJM

Drawing Title

ROOF DEMOLITION PLAN - AREA C

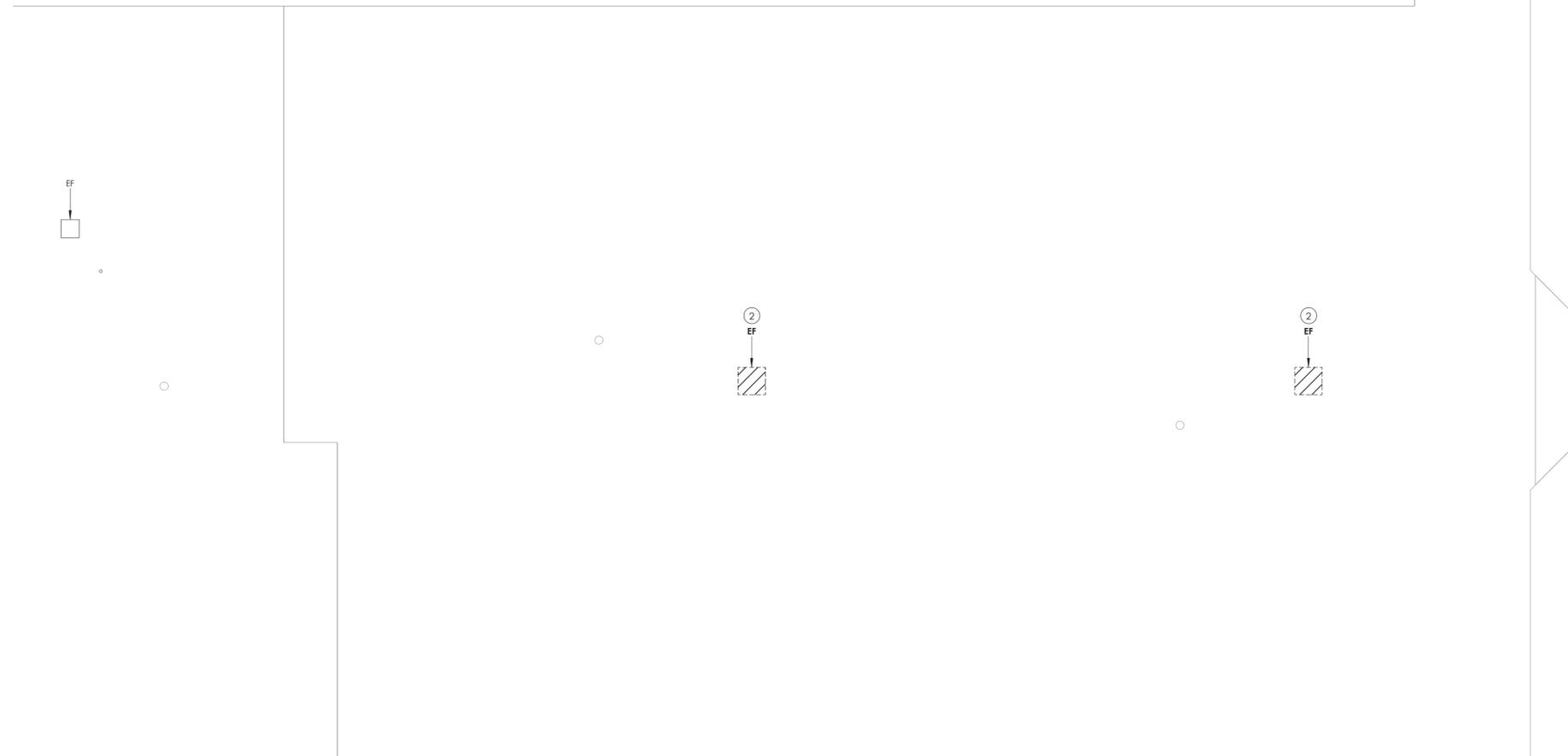
Drawing Number

TZHS

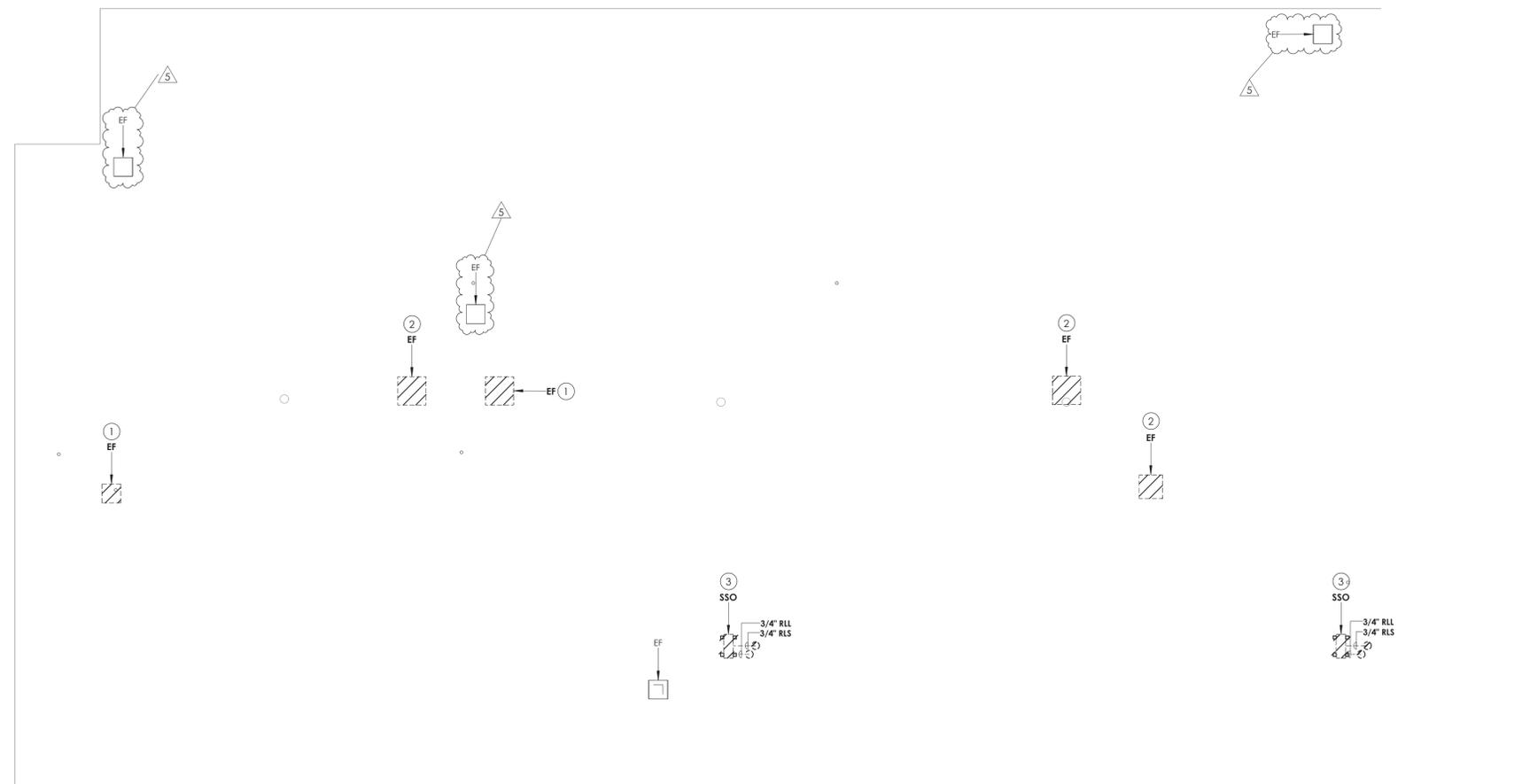
H112

KEY NOTES

- ① REMOVE EXHAUST FAN AND CURB. PREPARE FOR NEW WORK.
- ② REMOVE EXHAUST FAN AND CURB. COORDINATE WITH GC FOR PATCHING.
- ③ REMOVE EXISTING REFRIGERANT PIPING FROM CONDENSING UNIT ON ROOF TO UNIT IN THE CLASSROOM. PRIOR TO REMOVAL, DRAIN ALL PIPING AND DISPOSE OF ALL REFRIGERANT PER THE LATEST ADAPTED RULES AND REGULATION BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA). CONTRACTOR OR TECHNICIAN PERFORMING THE WORK SHALL BE AN EPA APPROVED AGENCY OR ORGANIZATION. REMOVE EXISTING INDOOR AND OUTDOOR SPLIT SYSTEMS. PATCH CURB WEATHER TIGHT.

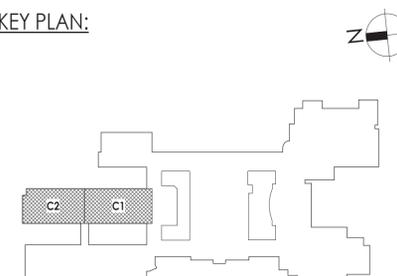


1
H112
ROOF - HVAC DEMOLITION PLAN - AREA C1
1/8" = 1'-0"



2
H112
ROOF - HVAC DEMOLITION PLAN - AREA C2
1/8" = 1'-0"

KEY PLAN:





CPL | Architecture Engineering Planning
26 IBM Road
Poughkeepsie, NY 12601
CPLearn.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
14457.20
Client Name
SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT
Project Name
PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL
Building Address
160 VAN WYCK RD., BLAUVELT, NY 10913

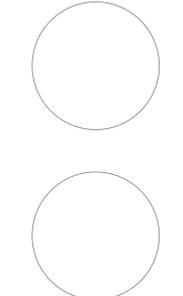
SED # 20-03-01-04-0-004-033

Preparation/Revision Dates
Loreen Tanya 08/30/24
Anthony Marchetti 05/31/27
Diane Hoff 02/28/25
Jennifer Wengender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

| # | Date | Description |
|---|----------|-----------------|
| 3 | 11/08/24 | BID ADDENDUM #3 |
| 4 | 11/15/24 | BID ADDENDUM #4 |
| 5 | 11/19/24 | BID ADDENDUM #5 |

PROFESSIONAL STAMPS



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SHEET INFORMATION

Issued
10/25/2024
Scale
1/8" = 1'-0"
Project Status
BID DOCUMENTS
Drawn By
KCM
Checked By
JJM
Drawing Title
ROOF DUCTWORK AND PIPING PLANS - AREAS C1 AND C2

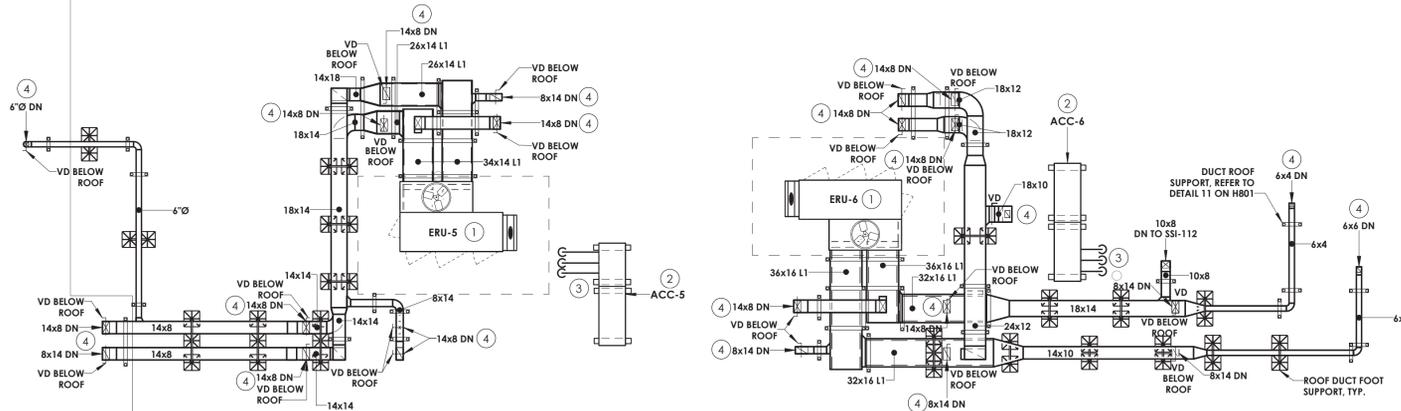
Drawing Number
TZHS H212

GENERAL NOTES

1. MECHANICAL CONTRACTOR SHALL PROVIDE ALL ANCHORS/FASTENERS/BRACKETS INDICATED BY SPECIFICATION SECTION 230550.

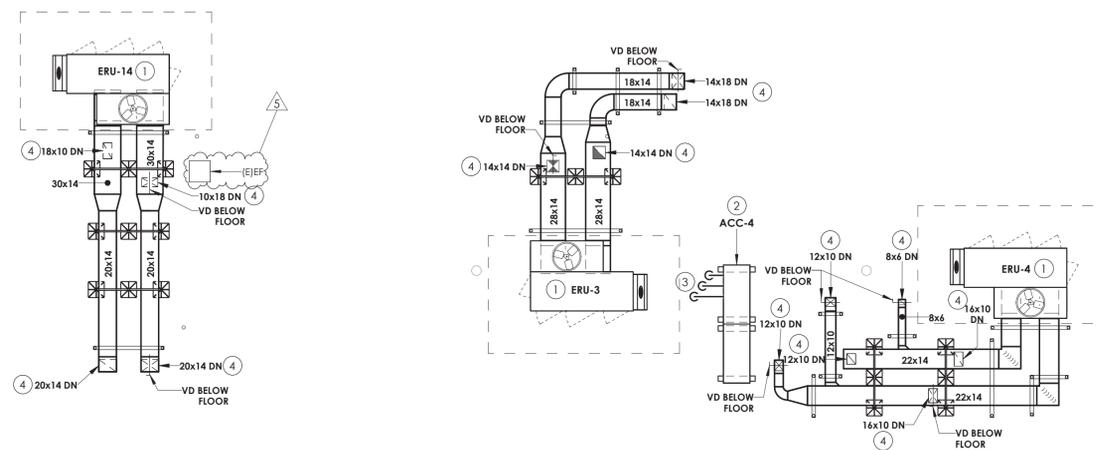
KEY NOTES

1. MOUNT ENERGY RECOVERY UNIT ON A HORIZONTAL DISCHARGE CURB AT LEAST 24" HIGH. PROVIDE SUPPORTS FOR ALL ROOF MOUNTED DUCTWORK. SPILL CONDENSATE TO ROOF. PREPARE FOR CONNECTION TO CONTROLS.
2. MOUNT CONDENSING UNIT TO 14" EQUIPMENT RAILS. VIBRATION INSULATION AND PIPE PORTAL. REFERENCE WIND RESTRAINT FOR HVAC SYSTEMS IN SPEC SECTION 230550.
3. ROUTE NEW RS/RL LINES DOWN THROUGH ROOF. COORDINATE WITH EXISTING ROOFING AND STRUCTURE. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
4. DUCTWORK DOWN TO SPACE BELOW.
5. MOUNT GRAVITY INTAKE FAN ON 14" CURB WITH VIBRATION INSULATION. ROUTE DUCTWORK TO CUH-2 RETURN DUCT.



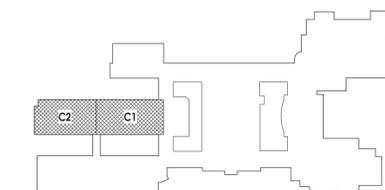
1 ROOF - HVAC DUCTWORK PLAN - AREA C1
H212 1/8" = 1'-0"

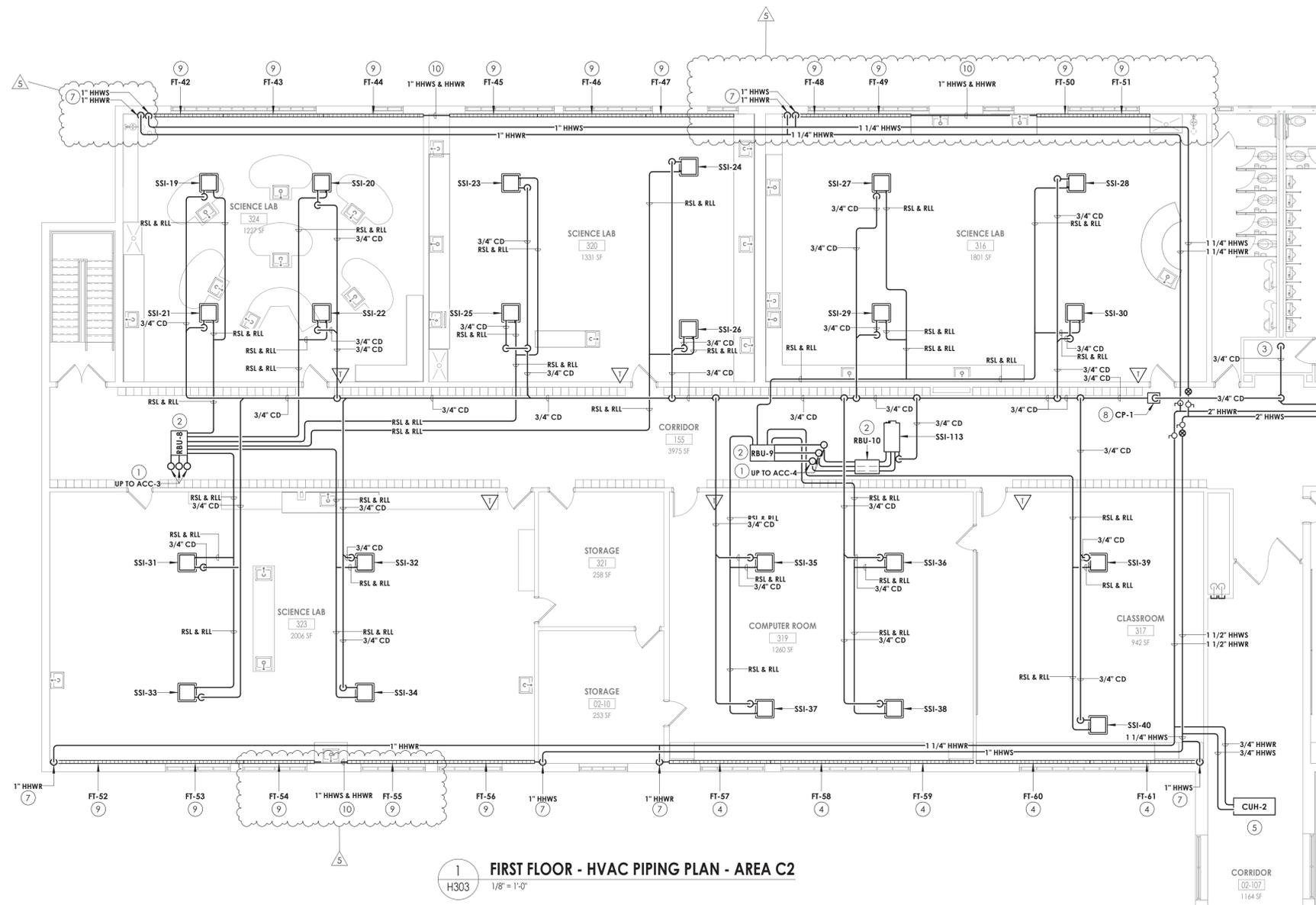
3 ROOF - HVAC DUCTWORK PLAN - AREA C-D CORRIDOR
H212 1/8" = 1'-0"



2 ROOF - HVAC DUCTWORK PLAN - AREA C2
H212 1/8" = 1'-0"

KEY PLAN:





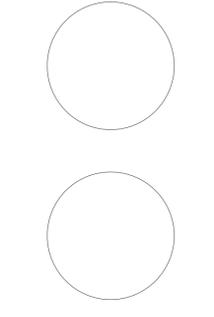
1 FIRST FLOOR - HVAC PIPING PLAN - AREA C2
H303 1/8" = 1'-0"

- KEY NOTES**
- 1 RSL/RL UP TO CONDENSING UNIT ON ROOF. REFER TO H600 FOR PIPE SIZES.
 - 2 PROVIDE BRANCH BOX. MOUNT UNIT AS HIGH AS POSSIBLE. COORDINATE PIPE ROUTING WITH DUCTWORK AND EXISTING STRUCTURE.
 - 3 ROUTE CONDENSATE PIPING TO SANITARY. PROVIDE WITH AN INDIRECT CONNECTION.
 - 4 PROVIDE FIN TUBE WITH DRAFTSTOP WHERE INDICATED.
 - 5 INSTALL CABINET UNIT HEATER IN ACT CEILING GRID AND COORDINATE WITH ARCHITECTURAL, STRUCTURAL, AND LIGHTING. ROUTE PIPING ABOVE CEILING.
 - 6 PROVIDE ENCLOSURE FOR FIN TUBE BETWEEN THE POINTS INDICATED. COORDINATE ENCLOSURE LENGTH WITH CASEWORK. ENCLOSURE PAINTED TO MATCH THE CASEWORK.
 - 7 FIN TUBE PIPING TO BE ROUTED ABOVE THE CEILING. PROVIDE 18 GAUGE GALVANIZED STEEL ENCLOSURE PAINTED TO MATCH THE WALL AROUND THE PIPING UP TO CEILING.
 - 8 PROVIDE INLINE CONDENSATE PUMP. MOUNT ABOVE CEILING. ROUTE CONDENSATE PIPING AS HIGH AS POSSIBLE AND COORDINATE WITH STRUCTURE.
 - 9 PROVIDE FIN TUBE WITH DRAFT STOP WHERE INDICATED. PROVIDE WITH ENCLOSURE
 - 10 ROUTE HHWS & HHWR PIPING THROUGH EXISTING CABINET. PROVIDE PENETRATION AND COORDINATE WITH EXISTING DOMESTIC PIPING.

PROJECT ISSUE & REVISION SCHEDULE

| # | Date | Description |
|---|----------|-----------------|
| 1 | 11/04/24 | BID ADDENDUM #1 |
| 2 | 11/04/24 | BID ADDENDUM #2 |
| 3 | 11/08/24 | BID ADDENDUM #3 |
| 5 | 11/19/24 | BID ADDENDUM #5 |

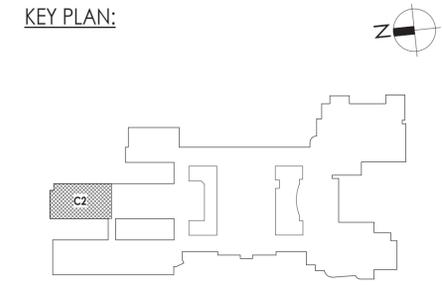
PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION STATUTE
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SHEET INFORMATION
Issued 10/25/2024 Scale 1/8" = 1'-0"
Project Status
BID DOCUMENTS
Drawn By KCM Checked By JJM
Drawing Title
FIRST FLOOR PIPING PLAN - AREA C2

Drawing Number
TZHS H303





CPL | Architecture Engineering Planning
26 BM Road
Poughkeepsie, NY 12601
CPLteam.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
14457.20

Client Name
SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name
PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

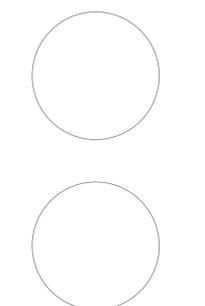
Building Address
160 VAN WYCK RD., BLAUVELT, NY 10913

SD # 20-03-01-04-0-004-003
Description
Loreen Tanna 05/30/24
Anthony Marchetti 05/31/27
David Hoff 07/28/25
Jennifer Wangender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

| # | Date | Description |
|---|----------|-----------------|
| 1 | | |
| 2 | 11/04/24 | BID ADDENDUM #2 |
| 5 | 11/19/24 | BID ADDENDUM #5 |

PROFESSIONAL STAMPS



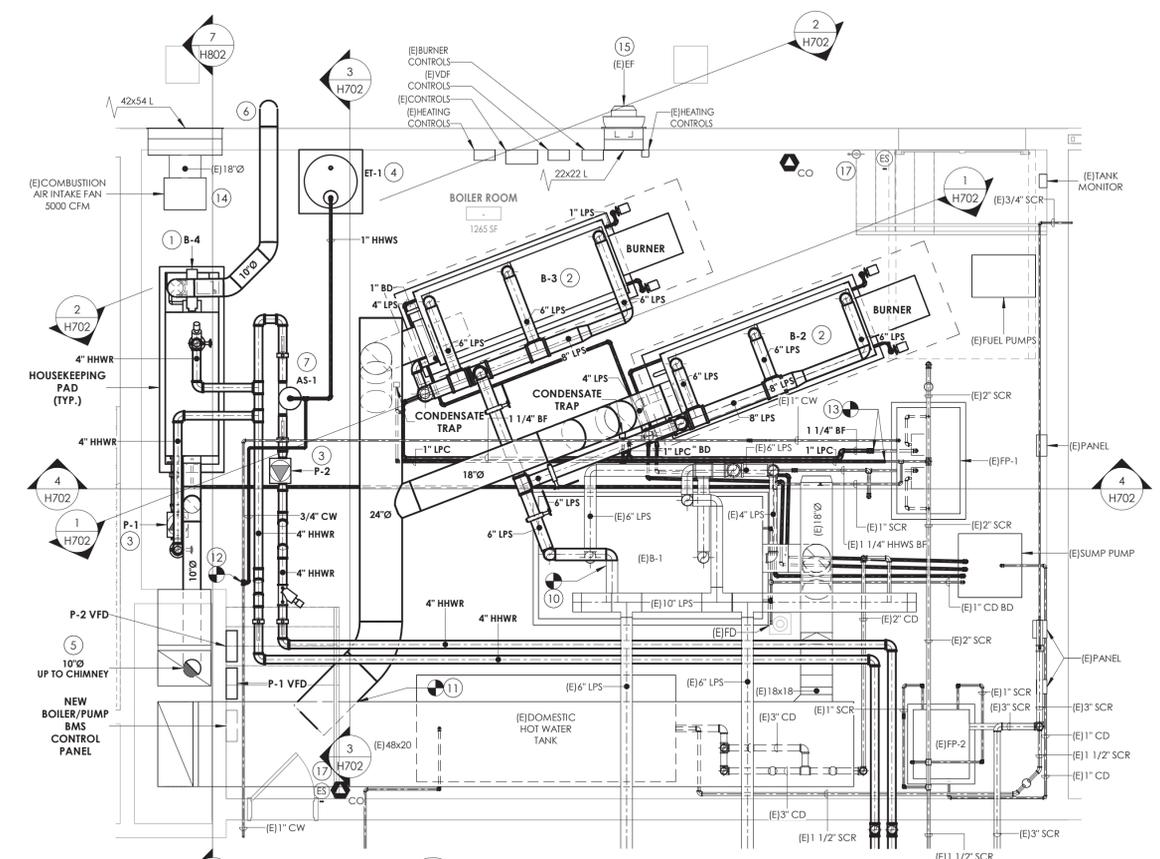
NEW YORK STATE EDUCATION STATEMENT
I, A PRACTICING ARCHITECT, ENGINEER OR LAND SURVEYOR, DO HEREBY CERTIFY THAT I AM AN EMPLOYEE OF AN ARCHITECTURAL, ENGINEERING OR LAND SURVEYING FIRM REGISTERED WITH THE STATE OF NEW YORK AND THAT I AM THE DESIGNER OF RECORD FOR THE PROJECT DESCRIBED IN THE TITLE OF THIS DRAWING. I AM NOT PROVIDING THESE SERVICES AS AN INDIVIDUAL OR AS A PART OF A PART-TIME OR SECONDARY BUSINESS. I AM NOT PROVIDING THESE SERVICES TO ANY OTHER PARTY WITHOUT THE WRITTEN CONSENT OF THE ARCHITECTURAL, ENGINEERING OR LAND SURVEYING FIRM I AM EMPLOYED BY.

SHEET INFORMATION

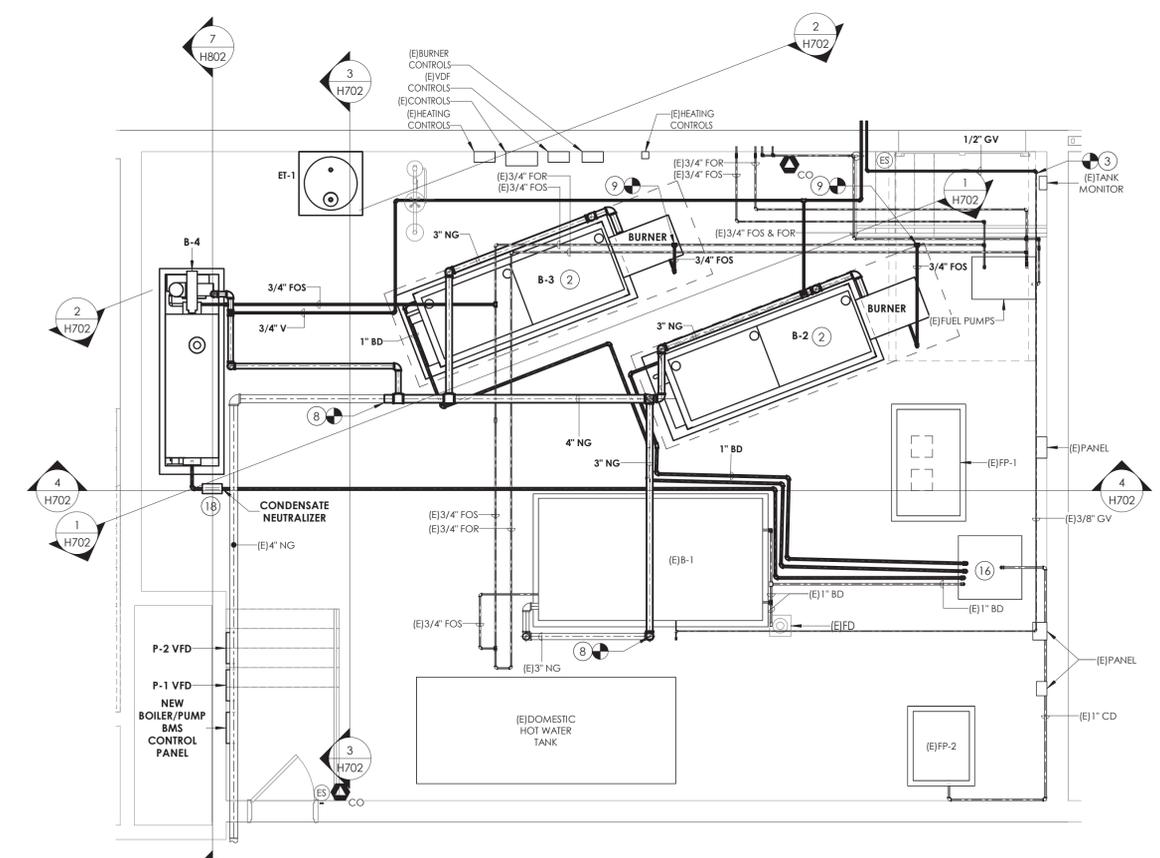
Issued 10/25/2024 Scale 1/4" = 1'-0"
Project Status
BID DOCUMENTS
Drawn By KCM Checked By JJM
Drawing Title
BOILER ROOM ENLARGED NEW WORK PLANS

Drawing Number
**TZHS
H701**

- GENERAL NOTES:**
- PAINT PIPING ROUTED ON FLOOR YELLOW IN TRAP HAZARD PATHS.
- KEY NOTES**
- PROVIDE CONDENSING BOILER AND INSTALL ON NEW HOUSEKEEPING PAD. CONNECT TO EXISTING EMERGENCY STOP BUTTON AT EACH DOOR ENTRY.
 - INSTALL OWNER PROVIDED STEAM BOILER AND TRIM BURNER ON NEW HOUSEKEEPING PAD. CONNECT TO STEAM PIPING AND FLUE AT POINTS INDICATED. ROUTE BLOW DOWN PIPING TO FLOOR DRAIN AND PROVIDE WITH INDIRECT CONNECTION. CONNECT TO EXISTING EMERGENCY STOP BUTTON AT EACH DOOR ENTRY.
 - PROVIDE INLINE PUMP.
 - PROVIDE EXPANSION TANK AND CONNECT TO HOT WATER SYSTEM.
 - ROUTE NEW FLUE THROUGH EXISTING CHIMNEY.
 - AIR INTAKE TO BE TERMINATED WITH DOWNWARDS 90° ELBOW AND WITH 1/2" x 1/2" BIRD SCREEN.
 - PROVIDE AIR SEPARATOR AND CONNECT TO HOT WATER RETURN PIPING.
 - CONNECT TO EXISTING NATURAL GAS PIPING AND ROUTE TO GAS TRAINS.
 - CONNECT TO EXISTING OIL SUPPLY/RETURN PIPING AND ROUTE TO BURNER.
 - CONNECT NEW STEAM PIPING TO EXISTING STEAM BRANCH IN LOCATION SHOWN.
 - CONNECT NEW FLUE TO EXISTING FLUE. MATCH/RE-INSULATE AS REQUIRED.
 - CONNECT TO COLD WATER MAKE UP. COORDINATE EXACT LOCATION.
 - CONNECT NEW BOILER FEED PIPING TO EXISTING BOILER FEED PIPING AT POINT INDICATED.
 - EXISTING COMBUSTION AIR INTAKE FAN TO BE INTERCONNECTED TO STEAM BOILER BURNERS.
 - EXISTING COMBUSTION AIR RELIEF FAN TO BE INTERCONNECTED TO STEAM BOILER BURNERS.
 - DRAIN TO SUMP PUMP. PROVIDE AIR GAP.
 - PROVIDE CO SENSOR NEAR EACH EXIT. REFERENCED ON H502. CONNECT CO SENSORS AND EXISTING EMERGENCY SHUT-OFF CONTROLS TO ALL BOILERS.
 - PROVIDE NEUTRALIZATION TANK FOR CONDENSING BOILER.

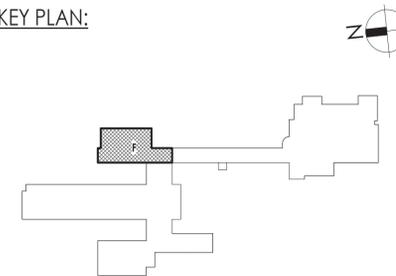


1 BOILER ROOM HVAC PIPING NEW WORK PLAN
1/4" = 1'-0"



2 BOILER ROOM HVAC FUEL PIPING NEW WORK PLAN
1/4" = 1'-0"

KEY PLAN:



| TAG | LOCATION | TUBE SIZE (IN) | FIN SIZE H X W (IN) | FIN TYPE | TIERS | BTUH/LF | ACTIVE LENGTH (FT) | FIN TUBE SCHEDULE | | | | | | TYPICAL UNIT MFG & MODEL NO. | NOTES: | | |
|-------|----------|----------------|---------------------|----------|--------|---------|--------------------|-------------------|-------|----------|-----------|---------|-------------------|------------------------------|--------------|-------------------------|-----------------|
| | | | | | | | | HOT WATER | | | ENCLOSURE | | | | | | |
| | | | | | | | | FLOW (GPM) | BTUH | AWT (°F) | H (IN.) | D (IN.) | MOUNT HEIGHT (IN) | | | APPROX LENGTH (FT) | ENCLOSURE STYLE |
| FT-1 | 208 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 11 | 1.056 | 13200 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C433 | 1,2 |
| FT-2 | 208 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 11 | 1.056 | 13200 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C433 | 1,2 |
| FT-3 | 206 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 10.75 | 1.032 | 12900 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C433 | 1,2 |
| FT-4 | 206 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 10.75 | 1.032 | 12900 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C433 | 1,2 |
| FT-5 | 204 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 10.5 | 1.008 | 12600 | 140 | 30 | 5 | 21 3/8 | 11.5 | BARE ELEMENT | STERLING JVB-B-C433 | 1,2 |
| FT-6 | 204 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 10.5 | 1.008 | 12600 | 140 | 30 | 5 | 21 3/8 | 11.5 | BARE ELEMENT | STERLING JVB-B-C433 | 1,2 |
| FT-7 | 202 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 10.583 | 1.016 | 12700 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C433 | 1,2 |
| FT-8 | 202 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 10.583 | 1.016 | 12700 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C433 | 1,2 |
| FT-9 | 200 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 11 | 1.056 | 13200 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C433 | 1,2 |
| FT-10 | 200 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 11 | 1.056 | 13200 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C433 | 1,2 |
| FT-11 | 211 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 10.75 | 1.032 | 12900 | 140 | 30 | 5 | 21 3/8 | 11 | BARE ELEMENT | STERLING JVB-B-C433 | 1 |
| FT-12 | 211 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 10.75 | 1.032 | 12900 | 140 | 30 | 5 | 21 3/8 | 11 | BARE ELEMENT | STERLING JVB-B-C433 | 1 |
| FT-13 | 209 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 10.75 | 1.032 | 12900 | 140 | 30 | 5 | 21 3/8 | 11.5 | BARE ELEMENT | STERLING JVB-B-C433 | 1 |
| FT-14 | 209 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 10.75 | 1.032 | 12900 | 140 | 30 | 5 | 21 3/8 | 11.5 | BARE ELEMENT | STERLING JVB-B-C433 | 1 |
| FT-15 | 207 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 10.75 | 1.032 | 12900 | 140 | 30 | 5 | 21 3/8 | 11.5 | BARE ELEMENT | STERLING JVB-B-C433 | 1 |
| FT-16 | 207 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1200 | 10.75 | 1.032 | 12900 | 140 | 30 | 5 | 21 3/8 | 11.5 | BARE ELEMENT | STERLING JVB-B-C433 | 1 |
| FT-17 | 205 | 3/4 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1320 | 9.75 | 1.0296 | 12870 | 140 | 30 | 5 | 21 3/8 | 10.25 | BARE ELEMENT | STERLING JVB-B-C3/4-433 | 1 |
| FT-18 | 205 | 3/4 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1320 | 9.75 | 1.0296 | 12870 | 140 | 30 | 5 | 21 3/8 | 10.25 | BARE ELEMENT | STERLING JVB-B-C3/4-433 | 1 |
| FT-19 | 205 | 3/4 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1320 | 9.75 | 1.0296 | 12870 | 140 | 30 | 5 | 21 3/8 | 10.25 | BARE ELEMENT | STERLING JVB-B-C3/4-433 | 1 |
| FT-20 | 201 | 3/4 | 3-5/8 X 4-1/4 | Cu/AL | 2-6 CL | 780 | 6 | 0.3744 | 4680 | 140 | 24 | 5 5/16 | 28 | 7 | TOP OUTLET | STERLING JVB-T-C3/4-435 | 3,4,5 |
| FT-21 | 312 | 3/4 | 3-5/8 X 4-1/4 | Cu/AL | 2-6 CL | 1120 | 9.667 | 0.86616 | 10827 | 140 | 24 | 5 5/16 | 28 | 11 | TOP OUTLET | STERLING JVB-T-C3/4-434 | 2,3,4,5 |
| FT-22 | 310 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11.167 | 1.14352 | 14294 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-23 | 310 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11.167 | 1.14352 | 14294 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-24 | 308 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11.167 | 1.14352 | 14294 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-25 | 308 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11.167 | 1.14352 | 14294 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-26 | 306 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11.167 | 1.14352 | 14294 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-27 | 306 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11.167 | 1.14352 | 14294 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-28 | 304 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1380 | 11.583 | 1.2788 | 15985 | 140 | 30 | 5 | 21 3/8 | 8 | TOP OUTLET | STERLING JVB-B-C435 | 1,2 |
| FT-29 | 304 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1380 | 11.583 | 1.2788 | 15985 | 140 | 30 | 5 | 21 3/8 | 12 | TOP OUTLET | STERLING JVB-B-C435 | 1,2 |
| FT-30 | 315 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 10 | 1.024 | 12800 | 140 | 30 | 5 | 21 3/8 | 11 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-31 | 315 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 10 | 1.024 | 12800 | 140 | 30 | 5 | 21 3/8 | 11 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-32 | 309 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 10.75 | 1.1008 | 13760 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-33 | 309 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 10.75 | 1.1008 | 13760 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-34 | 307 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11 | 1.1264 | 14080 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-35 | 307 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11 | 1.1264 | 14080 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-36 | 305 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11 | 1.1264 | 14080 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-37 | 305 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11 | 1.1264 | 14080 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-38 | 303 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11 | 1.1264 | 14080 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-39 | 303 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11 | 1.1264 | 14080 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-40 | 301 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11 | 1.1264 | 14080 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-41 | 301 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 11 | 1.1264 | 14080 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-42 | 324 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 10 | 0.984 | 12300 | 140 | 30 | 5 | 21 3/8 | 10.5 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-43 | 324 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 12 | 1.1808 | 14760 | 140 | 30 | 5 | 21.375 | 12.5 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-44 | 324 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 12 | 1.1808 | 14760 | 140 | 30 | 5 | 21.375 | 12.5 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-45 | 320 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 10 | 0.984 | 12300 | 140 | 30 | 5 | 21 3/8 | 10.9 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-46 | 320 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 12.5 | 1.23 | 15375 | 140 | 30 | 5 | 21.375 | 13.5 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-47 | 320 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 12.5 | 1.23 | 15375 | 140 | 30 | 5 | 21.375 | 13.5 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-48 | 316 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 7.5 | 0.738 | 9225 | 140 | 30 | 5 | 21 3/8 | 8 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-49 | 316 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 7.5 | 0.738 | 9225 | 140 | 30 | 5 | 21 3/8 | 8 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-50 | 316 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 7 | 0.6888 | 8610 | 140 | 30 | 5 | 21 3/8 | 7 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-51 | 316 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 6.5 | 0.6396 | 7995 | 140 | 30 | 5 | 21 3/8 | 7 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-52 | 323 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 11 | 1.0824 | 13530 | 140 | 30 | 5 | 21 3/8 | 12 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-53 | 323 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 11 | 1.0824 | 13530 | 140 | 30 | 5 | 21 3/8 | 12 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-54 | 323 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 8 | 0.7872 | 9840 | 140 | 30 | 5 | 21 3/8 | 8 3/4 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-55 | 323 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 10.5 | 1.0332 | 12915 | 140 | 30 | 5 | 21 3/8 | 11 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-56 | 323 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1230 | 11 | 1.0824 | 13530 | 140 | 30 | 5 | 21 3/8 | 12 | TOP OUTLET | STERLING JVB-B-C435 | 2,3,4 |
| FT-57 | 319 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1380 | 10.75 | 1.1868 | 14835 | 140 | 30 | 5 | 21 3/8 | 12.5 | BARE ELEMENT | STERLING JVB-B-C435 | 1,2 |
| FT-58 | 319 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1380 | 10.75 | 1.1868 | 14835 | 140 | 30 | 5 | 21 3/8 | 12.5 | BARE ELEMENT | STERLING JVB-B-C435 | 1,2 |
| FT-59 | 319 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1380 | 10.75 | 1.1868 | 14835 | 140 | 30 | 5 | 21 3/8 | 12.5 | BARE ELEMENT | STERLING JVB-B-C435 | 1,2 |
| FT-60 | 317 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1380 | 12 | 1.3248 | 16560 | 140 | 30 | 5 | 21 3/8 | 14 | BARE ELEMENT | STERLING JVB-B-C435 | 1,2 |
| FT-61 | 317 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1380 | 12 | 1.3248 | 16560 | 140 | 30 | 5 | 21 3/8 | 14 | BARE ELEMENT | STERLING JVB-B-C435 | 1,2 |
| FT-62 | 414 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1380 | 12 | 1.3248 | 16560 | 140 | 30 | 5 | 21 3/8 | 13.5 | BARE ELEMENT | STERLING JVB-B-C435 | 1,2 |
| FT-63 | 414 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1380 | 12 | 1.3248 | 16560 | 140 | 30 | 5 | 21 3/8 | 13.5 | BARE ELEMENT | STERLING JVB-B-C435 | 1,2 |

| TAG | LOCATION | TUBE SIZE (IN) | FIN SIZE H X W (IN) | FIN TYPE | TIERS | BTUH/LF | ACTIVE LENGTH (FT) | FIN TUBE SCHEDULE (CONTINUED) | | | | | | TYPICAL UNIT MFG & MODEL NO. | NOTES: | | |
|-------|----------|----------------|---------------------|----------|--------|---------|--------------------|-------------------------------|-------|----------|-----------|---------|-------------------|------------------------------|--------------|---------------------|-----------------|
| | | | | | | | | HOT WATER | | | ENCLOSURE | | | | | | |
| | | | | | | | | FLOW (GPM) | BTUH | AWT (°F) | H (IN.) | D (IN.) | MOUNT HEIGHT (IN) | | | APPROX LENGTH (FT) | ENCLOSURE STYLE |
| FT-64 | 412 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 10.667 | 1.09232 | 13654 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-65 | 412 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 10.667 | 1.09232 | 13654 | 140 | 30 | 5 | 21.375 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-66 | 410 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 10.667 | 1.09232 | 13654 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-67 | 410 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 10.667 | 1.09232 | 13654 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-68 | 408 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 10.667 | 1.09232 | 13654 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-69 | 408 | 1 | 3-5/8 X 4-1/4 | Cu/AL | 3-6 CL | 1280 | 10.667 | 1.09232 | 13654 | 140 | 30 | 5 | 21 3/8 | 12 | BARE ELEMENT | STERLING JVB-B-C434 | 1,2 |
| FT-70 | 406 | 1</ | | | | | | | | | | | | | | | |



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Poughkeepsie, NY 12601
CPLteam.com

NY ENGINEERING FIRM CERTIFICATE #0201419



PROJECT INFORMATION

Project Number
14457.20
Client Name

SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT
Project Name

PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL
Building Address
160 VAN WYCK RD., BLAUVELT, NY 10913

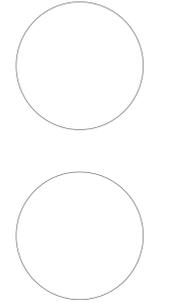
SED # 20-03-01-04-0-004-003

Registration Expiration Dates
Lauren Tanya 05/30/24
Anthony Marchetti 05/31/27
David Hoyt 02/28/25
Jennifer Wengender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

Issue Description
5 11/19/24 BID ADDENDUM #5

PROFESSIONAL STAMPS



NEW FOR STATE EDUCATION EXAMINER
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON UNDER THE CONTROL OF THE OFFICE OF PLANNED ARCHITECT, ENGINEER OR LAND SURVEYOR TO ALTER IN ANY WAY, BY ANY MEANS, THE DATE OF ANY PROJECT, LICENSE OR CERTIFICATE OF PROFESSIONAL STATUS, WITHOUT THE WRITTEN PERMISSION OF THE BOARD OF PROFESSIONAL EXAMINERS AND THE ARCHITECT, ENGINEER OR LAND SURVEYOR. THIS SIGNATURE AND THE DATE OF SUCH ASSIGNMENT, AND A SPECIFIC DESCRIPTION OF THE ASSIGNMENT.

SHEET INFORMATION

Issued 10/25/2024 Scale AS NOTED

Project Status BID DOCUMENTS

Drawn By MAY Checked By JBT

Drawing Title

FIRST FLOOR ELECTRICAL DEMOLITION PLAN - AREA C1 AND C2

Drawing Number

TZHS
E102

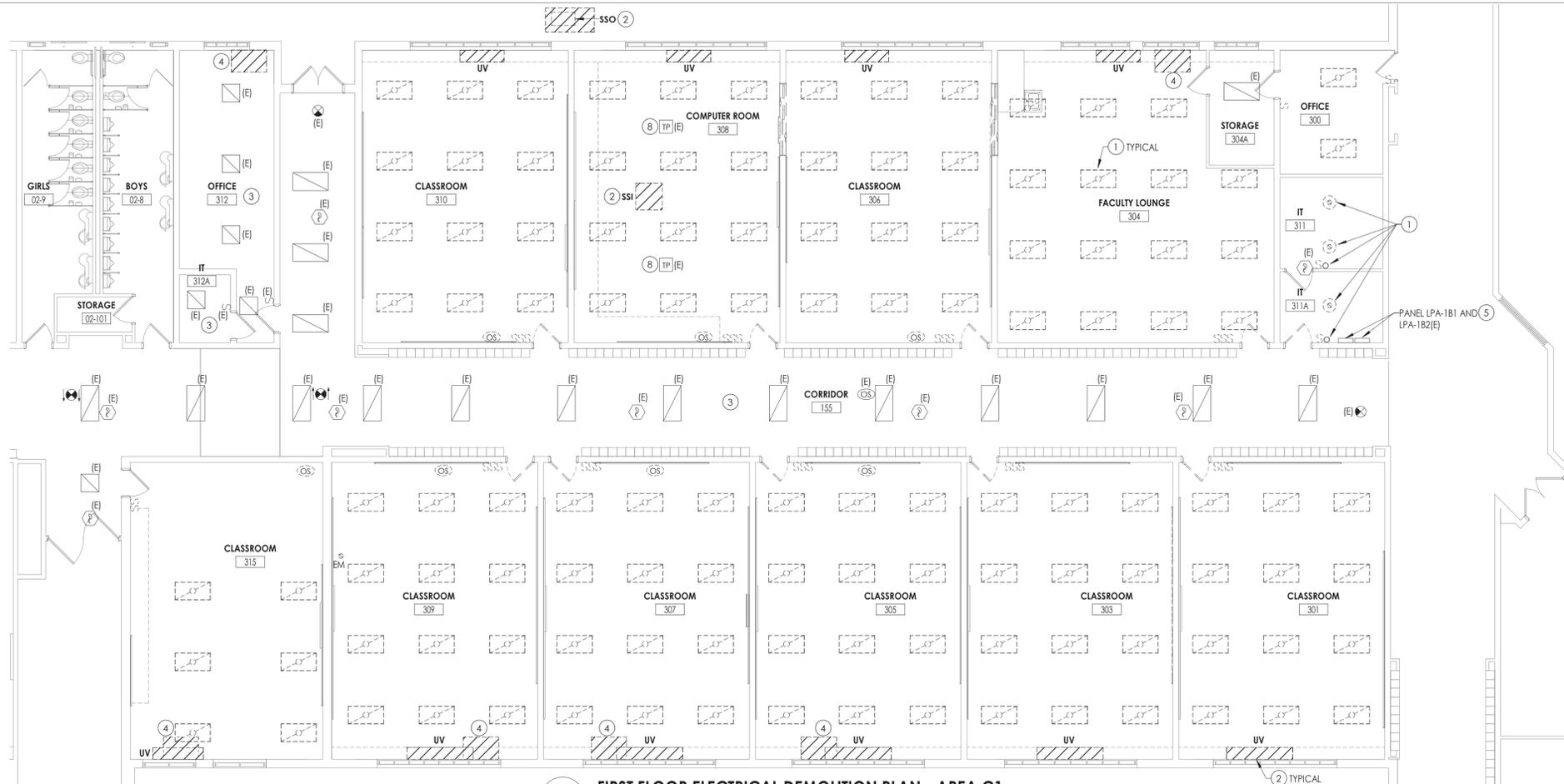
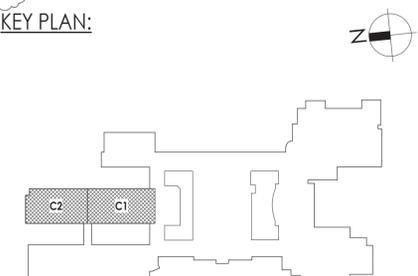
GENERAL NOTES

- ALL ITEMS SHOWN ARE TO BE REMOVED UNLESS LABELED AS (E) EXISTING. REMOVAL OF DEVICE INCLUDES ITS ASSOCIATED CABLING/BRANCH CIRCUIT WIRING, AND RACEWAY.
- ANY EXISTING DEVICE TO REMAIN, LABELED AS (E) SHALL REMAIN IN PLACE AS WELL AS ITS ASSOCIATED CIRCUITING AND CONDUIT, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL REMOVE THE EXISTING ELECTRICAL IN AREAS OF NEW RENOVATIONS TO ACCOMMODATE NEW CONSTRUCTION. REROUTING OF EXISTING MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR INTERFERENCE WITH OTHER NEW WORK AS NOTED IN THE FOLLOWING NOTES.
- DRAWINGS INDICATE SPECIFIC ITEMS TO BE REMOVED AND/OR RELOCATED IN ORDER TO INDICATE GENERAL SCOPE. ADDITIONAL ITEMS NOT INDICATED, BUT NECESSARY FOR PROJECT RENOVATIONS, SHALL BE REMOVED, RELOCATED AND/OR REROUTED. THE CONTRACTOR SHALL ASSUME WITHIN THE BASE BID A NOMINAL AMOUNT OF BRANCH CIRCUITS, FIXTURES, DEVICES, AND SYSTEMS WIRING WITHIN WALLS OR OPENINGS BEING REMOVED OR RELOCATED AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.
- WHERE DEVICES, FIXTURES, ETC. ARE INDICATED TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANEL/BOARD UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING, TO FEED THROUGH TO THESE REMAINING ITEMS. RELOCATE ANY CIRCUITS THAT REMAIN, TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.
- COORDINATE DEMOLITION OF EQUIPMENT, DEVICES, ETC. WITH OTHER DISCIPLINES AS APPLICABLE. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS AND NOTES FOR COORDINATION.
- DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATION AND EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE CONTRACTOR IS RESPONSIBLE.
- CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ITEMS, EQUIPMENT, PANELS, LIGHT FIXTURES, ETC. BEING REMOVED AS PART OF THIS PROJECT. THE OWNER SHALL HAVE THE RIGHT OF RETAINING ANY ITEMS BEING REMOVED.
- CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL BOXES OF UNUSED AND/OR REMOVED FLUSH MOUNT DEVICES UPON COMPLETION OF PROJECT.
- FIREPROOFING AND/OR FIRE STOP MATERIALS REMOVED FROM FIRE RATED WALLS AND CEILINGS AS A RESULT OF DEMOLITION SHALL BE RE-INSTALLED USING AN APPROVED METHOD AS DESCRIBED IN ASSOCIATED PROJECT SPECIFICATIONS.
- ALL CEILING MOUNTED WIRELESS ACCESS POINTS, SPEAKERS, AND CAMERAS TO BE REMOVED AND REINSTALLED TO ACCOMMODATE CEILING WORK ARE SHOWN ON THE T-SERIES DRAWINGS.

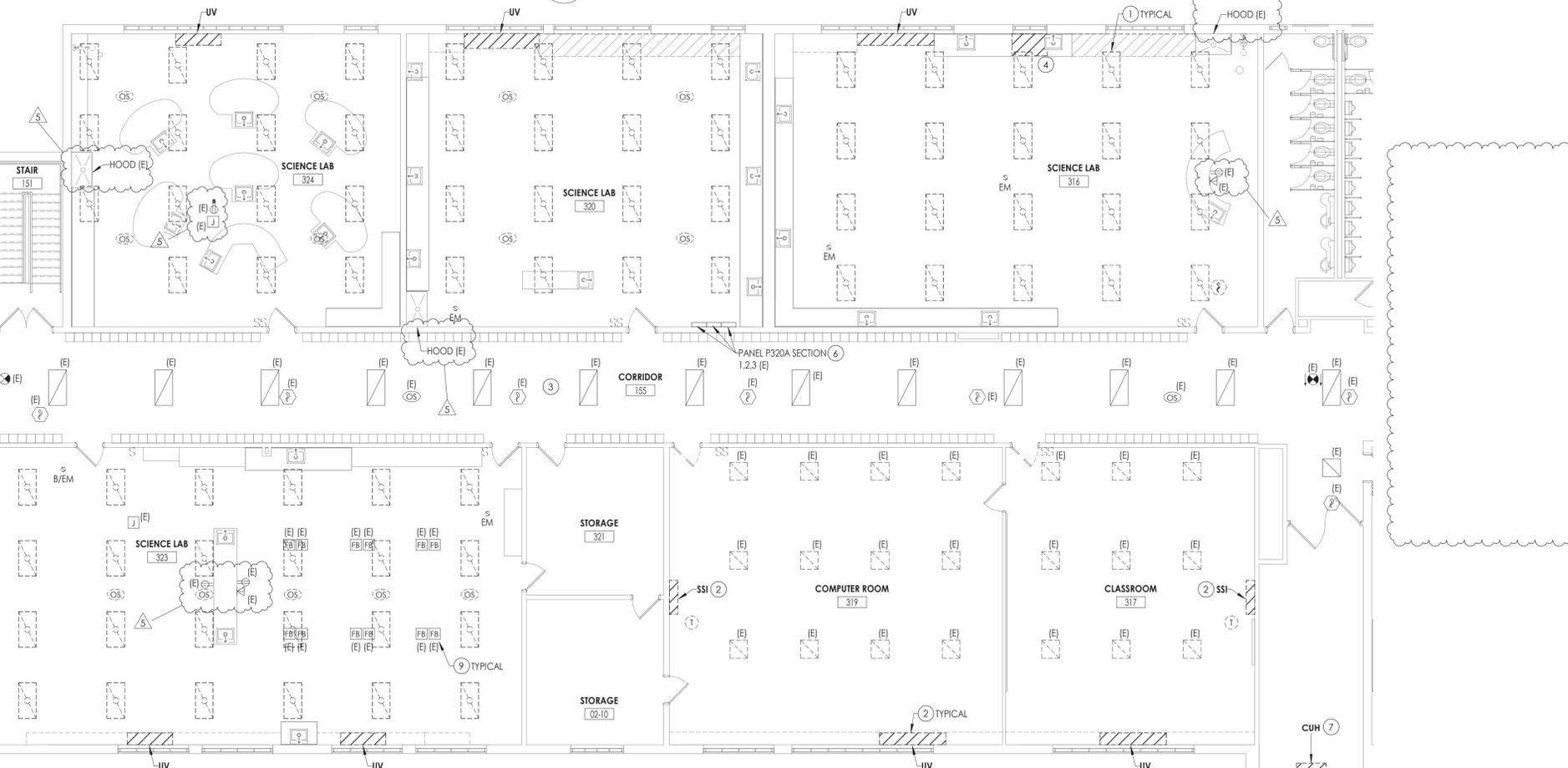
KEY NOTES

- DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES AND SWITCHES. TAG FIXTURE AND SWITCHING CIRCUITRY FOR RE-USE.
- DISCONNECT AND REMOVE ALL CONDUIT AND WIRING BACK TO SOURCE PANEL. LABEL CIRCUITS AS SPARE.
- CEILING TO BE REMOVED AND REPLACED. DISCONNECT ALL CEILING MOUNTED DEVICES AND LIGHT FIXTURES AND STORE FOR RE-USE. TAG ALL WIRING FOR RE-USE.
- DISCONNECT AND REMOVE EXISTING RECEPTACLE FEEDING PTAC UNIT. REMOVE CONDUIT AND WIRING BACK TO SOURCE PANEL. LABEL CIRCUITS AS SPARE.
- DISCONNECT AND REMOVE CIRCUIT BREAKERS 34.36,37,39 FROM PANEL LPA-181 AND CIRCUIT BREAKERS 38.40 FROM PANEL LPA-182 TO ACCOMMODATE NEW CIRCUIT BREAKERS.
- DISCONNECT AND REMOVE CIRCUIT BREAKERS 17,19,42 FROM PANEL 1, CIRCUIT BREAKERS 25,27 FROM PANEL 2, AND CIRCUIT BREAKERS 34,36 FROM PANEL 3 TO ACCOMMODATE NEW CIRCUIT BREAKERS.
- DISCONNECT CONDUIT AND WIRE FROM UNIT AND TAG FOR RE-USE.
- DISCONNECT AND REMOVE EXISTING POWER POLE TO ACCOMMODATE CEILING REMOVAL/REPLACEMENT. TAG ALL WIRING FOR RE-USE.
- DISCONNECT AND REMOVE EXISTING POWER FLOOR BOX TO ACCOMMODATE FLOORING REMOVAL/REPLACEMENT. TAG ALL WIRING FOR RE-USE.

KEY PLAN:



1 FIRST FLOOR ELECTRICAL DEMOLITION PLAN - AREA C1
E102 1/8" = 1'-0"



2 FIRST FLOOR ELECTRICAL DEMOLITION PLAN - AREA C2
E102 1/8" = 1'-0"

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26 IBM Road
Poughkeepsie, NY 12601
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NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION
Project Number: 14457.20
Client Name: SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT
Project Name: PHASE 2: 2022 BOND

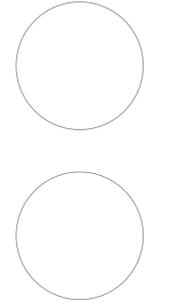
TAPPAN ZEE HIGH SCHOOL
Building Address: 160 VAN WYCK RD., BLAUVELT, NY 10913

SD # 20-03-01-04-0-004-033
Registration Expiration Dates:
Loreen Tavares 05/30/24
Anthony Marchetti 05/31/27
David Hoff 02/28/25
Jennifer Wengender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

| # | Date | Description |
|---|----------|-----------------|
| 4 | 11/15/24 | BID ADDENDUM #4 |
| 5 | 11/19/24 | BID ADDENDUM #5 |

PROFESSIONAL STAMPS



NEW FOR DATE EDUCATION STATEMENT
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNDER THE SUPERVISION OR DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR TO ALTER IN ANY MANNER OR TO REPRODUCE OR REPRODUCE IN ANY MANNER THE WORK OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT, ENGINEER OR LAND SURVEYOR. THE ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL SIGN AND DATE THE STATEMENT AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

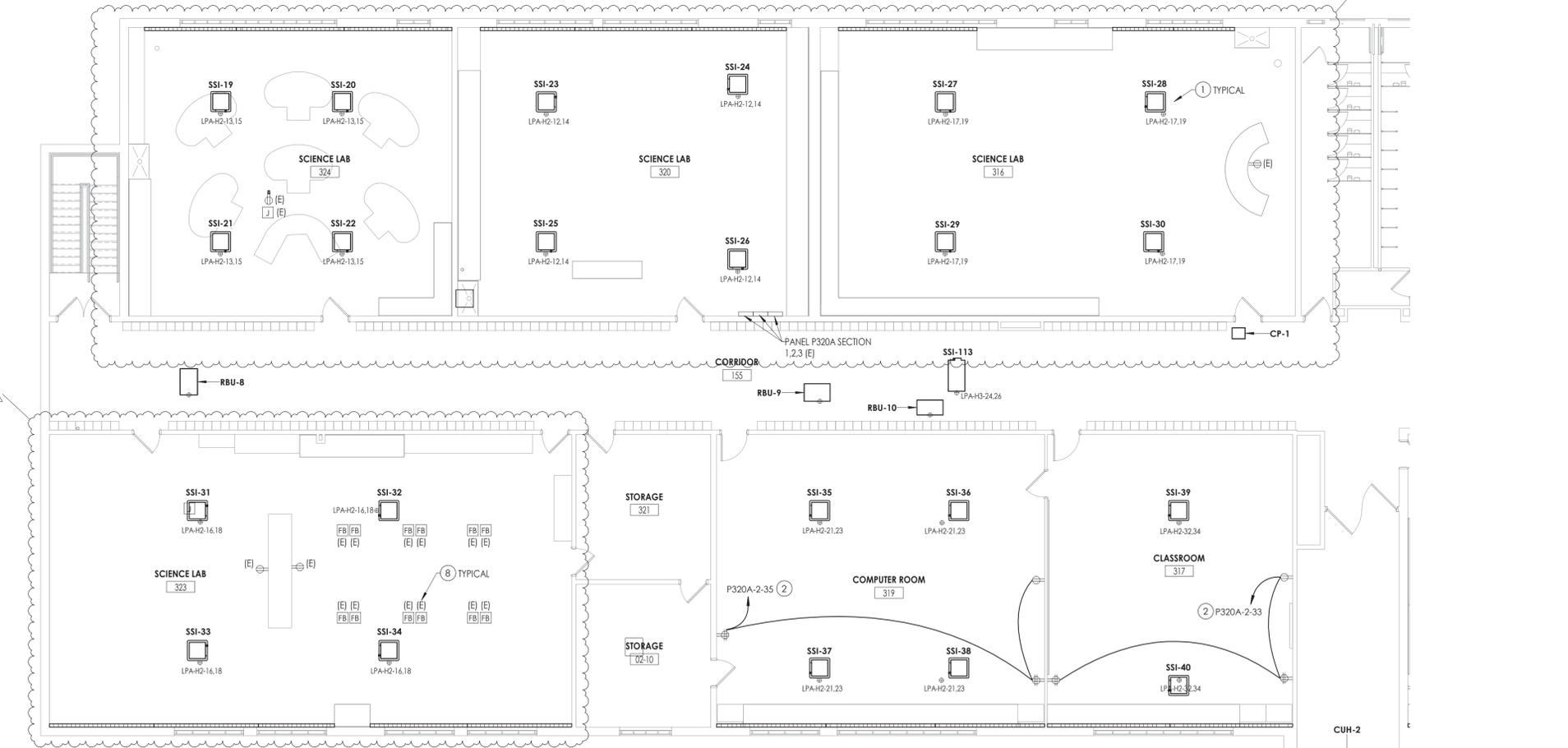
SHEET INFORMATION

| Issued | Scale |
|--|-----------------|
| 10/25/2024 | AS NOTED |
| Project Status: BID DOCUMENTS | |
| Drawn By: MAY | Checked By: JBT |
| Drawing Title: FIRST FLOOR ELECTRICAL NEW WORK PLAN - AREA C1 AND C2 | |
| Drawing Number: TZHS E202 | |

- GENERAL NOTES**
- UNLESS NOTED OTHERWISE, CONNECT NEW DEVICES SHOWN TO PANEL AND CIRCUIT BREAKER INDICATED ADJACENT TO DEVICE WITH (2) #12, (1) #12 GND IN 3/4" CONDUIT.
 - ALL CIRCUITS OVER 100 FEET TO BE WIRED WITH #10 THHN.
 - RECEPTACLES TO BE PLACED IN SURFACE RACEWAY. COORDINATE LOCATIONS WITH T-SERIES DRAWINGS.
- KEY NOTES**
- ALL MECHANICAL EQUIPMENT POWER REQUIREMENTS ARE NOTED ON DRAWINGS E900, E901, E902. LABEL INDICATES EQUIPMENT TAG. REFER TO ELECTRICAL EQUIPMENT CONNECTION SCHEDULE ON SHEETS NOTED ABOVE.
 - CONNECT TO EXISTING 20A/1P CIRCUIT BREAKER AS NOTED. CIRCUITS ARE AVAILABLE FROM REMOVED UNIT VENTILATORS. CONFIRM AVAILABLE CIRCUITS IN FIELD ONCE UNIT VENTILATORS ARE REMOVED.
 - PROVIDE A 120/208V, 3-PHASE, 4-WIRE, 400-AMP, .54 CIRCUIT PANELBOARD AT LOCATION INDICATED. PROVIDE (2) SETS OF (4) #350 MCM, (1) #1 GND IN 4" CONDUIT FROM MDP IN BASEMENT TO NEW PANEL.
 - PROVIDE A 120/208V, 3-PHASE, 4-WIRE, 2,000-AMP, .54 CIRCUIT PANELBOARD AT LOCATION INDICATED. PROVIDE (5) SETS OF (4) #600 MCM, (1) #4/0 GND IN (5) 4" CONDUITS FROM MDP IN BASEMENT TO NEW PANEL.
 - PROVIDE 120-VOLT POWER TO FIRE/SMOKE DAMPERS AT LOCATIONS INDICATED. PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT FROM PANEL/CIRCUIT INDICATED TO FIRE/SMOKE DAMPERS. PROVIDE A FIRE ALARM RELAY AT EACH FIRE/SMOKE DAMPER, AND WIRE TO FIRE ALARM CONTROL PANEL. COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR.
 - CONNECT NEW EQUIPMENT TO TAGGED CIRCUITRY REWORK/EXTEND EXISTING CIRCUIT AS NECESSARY TO ACCOMMODATE NEW EQUIPMENT.
 - REINSTALL AND RECONNECT EXISTING POWER POLES TO TAGGED CIRCUITRY ONCE NEW CEILING IS IN PLACE.
 - REINSTALL AND RECONNECT EXISTING FLOOR BOXES TO TAGGED CIRCUITRY ONCE NEW FLOORING IS IN PLACE.

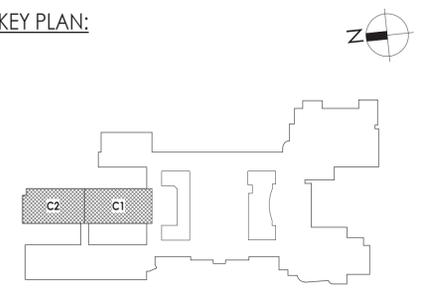


1 FIRST FLOOR ELECTRICAL NEW WORK PLAN - AREA C1
E202 1/8" = 1'-0"

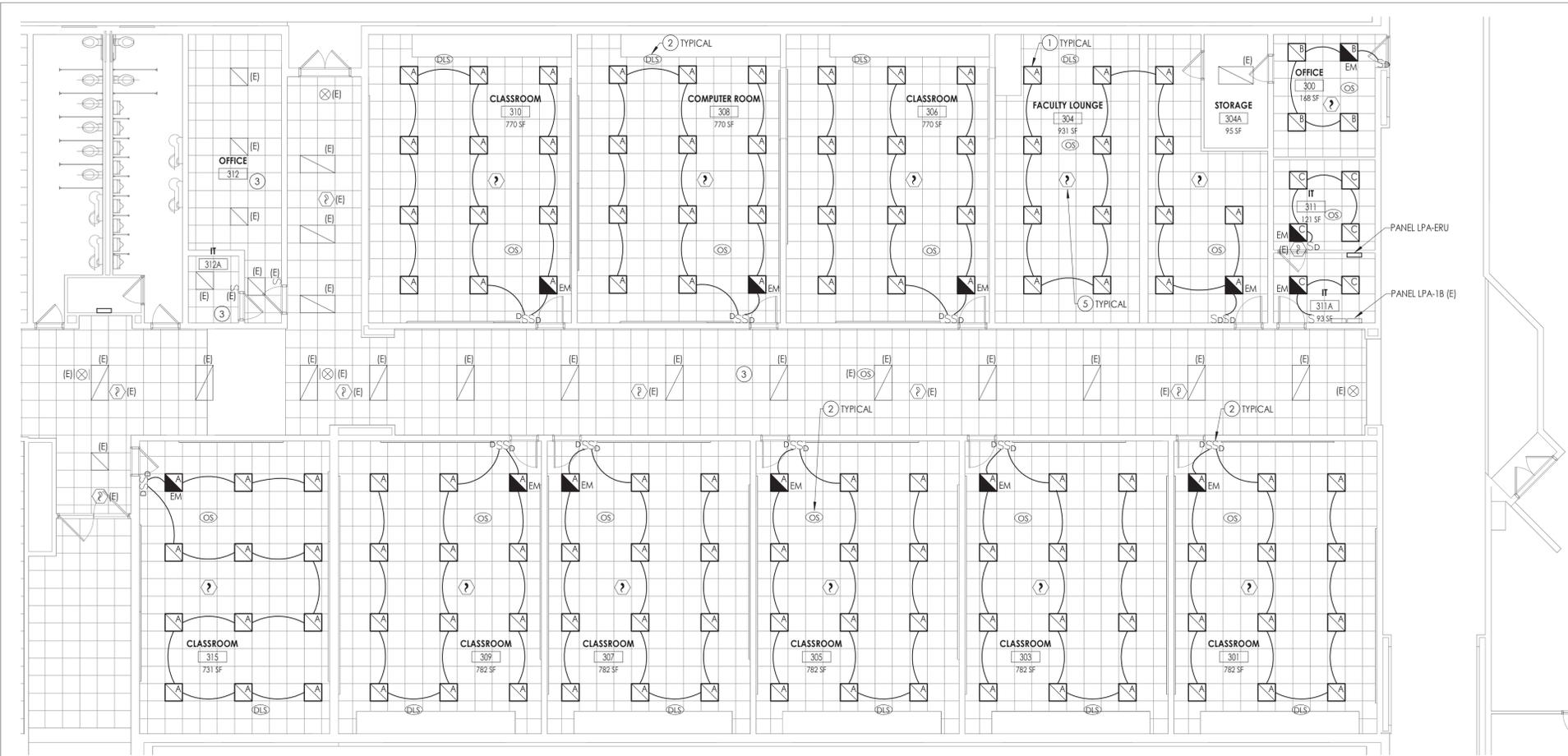


2 FIRST FLOOR ELECTRICAL NEW WORK PLAN - AREA C2
E202 1/8" = 1'-0"

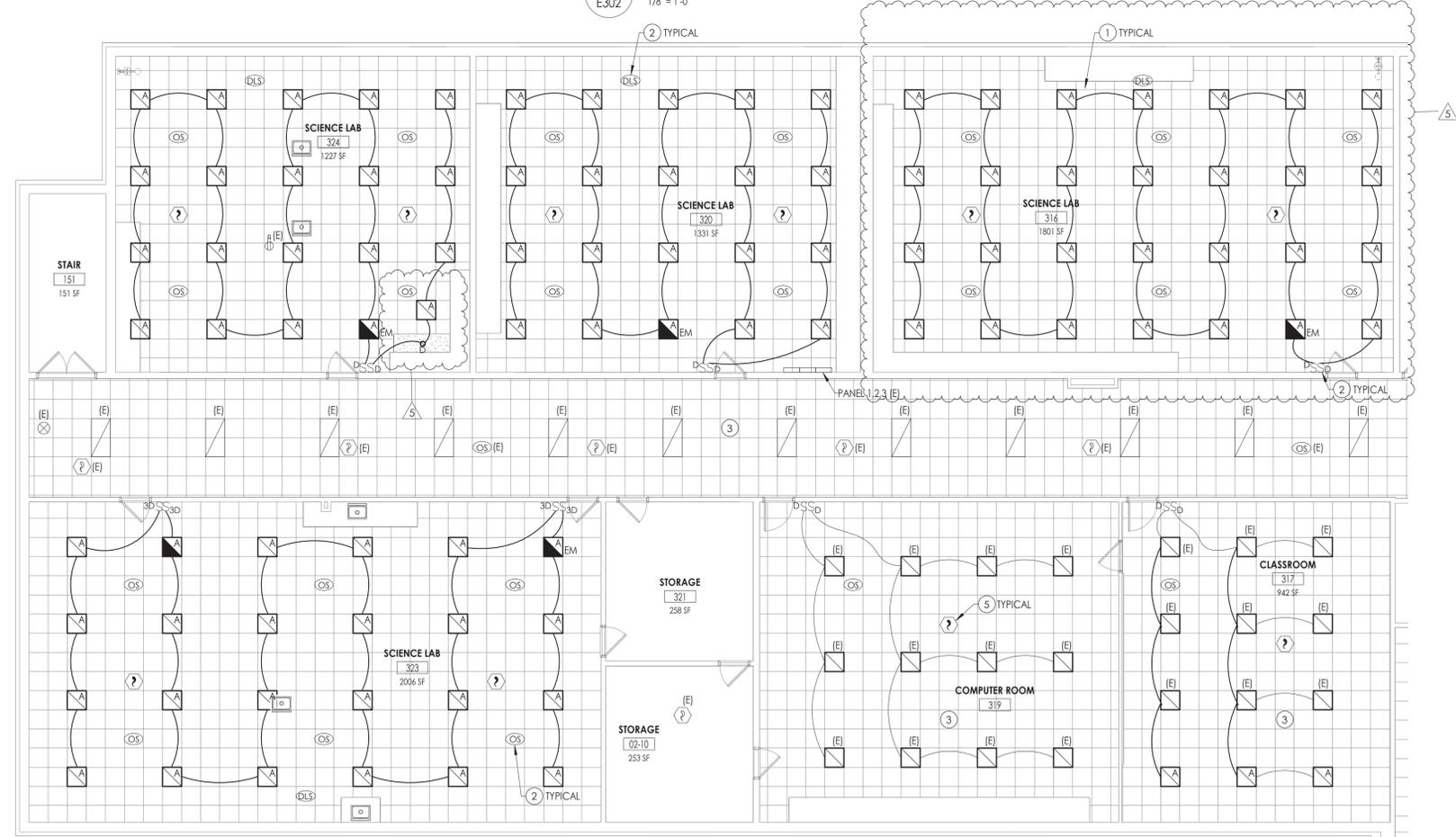
KEY PLAN:



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1 FIRST FLOOR LIGHTING PLAN - AREA C1
E302 1/8" = 1'-0"



2 FIRST FLOOR LIGHTING PLAN - AREA C2
E302 1/8" = 1'-0"

GENERAL NOTES

- A. FIXTURE TYPE MARK IS INDICATED ADJACENT TO ALL LIGHT FIXTURES. REFER TO LUMINAIRE SCHEDULE ON DRAWING E903 FOR FIXTURE DESCRIPTIONS, TYPES, NOTES, AND SPECIFICATIONS.
- B. ALL LIGHT FIXTURES SHOWN SHALL BE WIRED WITH (2) #12, (1) #12 GND IN 3/4" CONDUIT, WIRED TO PANEL AND CIRCUIT INDICATED. CIRCUITS EXCEEDING 100' SHALL BE WIRED WITH #10 CONDUCTORS.
- C. INSTALL SWITCHING AND LOW-VOLTAGE SENSORS AS SHOWN. PROVIDE ALL LOW-VOLTAGE WIRING BETWEEN SENSORS, CONTROLLERS, POWER PACKS, AND LUMINAIRES.
- D. ALL LOW VOLTAGE WIRING BETWEEN SENSORS, CONTROLLERS, POWER PACKS, AND LUMINAIRES SHALL BE IN 3/4" MC.
- E. PROVIDE ANY ADDITIONAL POWER SUPPLIES OR OTHER MISCELLANEOUS COMPONENTS REQUIRED FOR A COMPLETE, OPERATIONAL LIGHTING SYSTEM TO MEET THE DESIGN INTENT OF THE LIGHTING SEQUENCE OF OPERATIONS AS SHOWN.
- F. ALL FIXTURES INDICATED WITH "EM" DESIGNATION SHALL HAVE EMERGENCY BATTERY BACKUP AT EACH FIXTURE. BATTERY BACKUP PACK TO BE WIRED TO THE UNSWITCHED "HOT LEG" OF THE CIRCUITRY FEEDING THE SPACE.
- G. ALL FIXTURES INDICATED WITH "NL" DESIGNATION INDICATED A "CONSTANT ON" NIGHT LIGHT. FIXTURE TO BE WIRED TO THE UNSWITCHED "HOT LEG" OF THE CIRCUITRY FEEDING THE SPACE.

KEY NOTES

- 1. CONNECT NEW FIXTURES TO EXISTING TAGGED CIRCUITRY. REWORK/EXTEND CIRCUITRY AS NECESSARY TO ACCOMMODATE NEW FIXTURE.
- 2. PROVIDE NEW SWITCHING, OCCUPANCY, AND DAYLIGHT SENSORS AS INDICATED. PROVIDE ALL NEW LOW-VOLTAGE WIRING TO FIXTURES AND DEVICES INDICATED. CONNECT NEW SWITCHES TO EXISTING TAGGED CIRCUITRY.
- 3. ALL EXISTING LIGHTING AND CEILING MOUNTED DEVICES TO BE REINSTALLED BACK IN PLACE IN NEW CEILING GRID. CONNECT TO EXISTING TAGGED CIRCUITRY.
- 4. CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUITRY WITH (2) #12, (1) #12 GND IN MC.
- 5. PROVIDE NEW SMOKE DETECTORS AS SHOWN. PROVIDE NEW WIRING FROM SMOKE DETECTOR TO LOCAL SLC CIRCUIT WITHIN AREA.



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CPLteam.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number: 14457.20
Client Name: SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name: PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

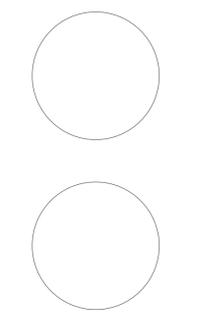
Building Address: 160 VAN WYCK RD., BLAUVELT, NY 10913

SED # 20-03-01-04-0-004-003
Registration Expiration Dates:
Loreen Tanna: 05/30/24
Anthony Marchetti: 05/31/27
David Hoff: 02/28/25
Jennifer Wengender: 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

| # | Date | Description |
|---|----------|-----------------|
| 5 | 11/19/24 | BID ADDENDUM #5 |

PROFESSIONAL STAMPS



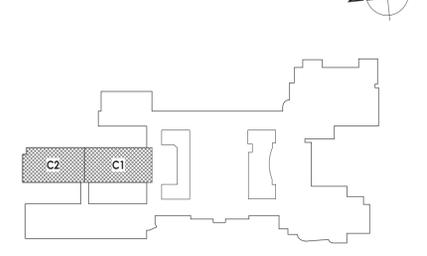
NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATION FOR ANY PERSON UNDER THE SUPERVISION OR CONTROL OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR TO ALTER OR BE IN ANY WAY AS AN ENDORSEMENT OF ANY ARCHITECT, ENGINEER OR LAND SURVEYOR'S ADDRESS, THE ADDRESS FROM WHICH ANY OF THEM MAY BE REACHED, AND THE SIGNATURE, ADDRESS AND PHONE NUMBER OF THE ARCHITECT, ENGINEER OR LAND SURVEYOR, AND A SPECIFIC DESCRIPTION OF THE ASSIGNMENT.

SHEET INFORMATION

Issued: 10/25/2024
Scale: AS NOTED
Project Status: BID DOCUMENTS
Drawn By: MAY
Checked By: JBT
Drawing Title: FIRST FLOOR LIGHTING PLAN - AREA C1 AND C2

Drawing Number: TZHS E302

KEY PLAN:





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26 BM Road
Poughkeepsie, NY 12601
CPLearn.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
R22.14457.20

Client Name

SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name

PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address
15 DUTCH HILL ROAD, ORANGETOWN, NY 10962

SED # 90-03-01-04-0-004-033

Registration Expiration Date

Loreen Conroy 06/30/24

Anthony Marchetti 05/31/27

Oliver Hoff 02/28/25

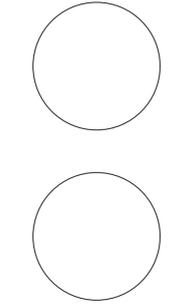
Jennifer Wengender 04/30/27

PROJECT ISSUE & REVISION SCHEDULE

Issue Description

5 11/19/2024 BID ADDENDUM #5

PROFESSIONAL STAMPS



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ARCHITECT, ENGINEER OR LAND SURVEYOR TO ASSIST ANY OTHER IN ANY WAY IN THE
PERFORMING OF ANY PROFESSIONAL SERVICE OR IN THE DESIGN, CONSTRUCTION, TESTING, OR
MAINTENANCE OF ANY STRUCTURE, ENGINEERING OR SURVEYING AS DESCRIBED IN THE
PROFESSIONAL SEAL, AND IS NOT ELIGIBLE TO BE RE-REGISTERED OR RE-REGISTERED BY FOLLOWS BY
THEIR SIGNATURE AND THE DATE OF SUCH RE-REGISTRATION, AND A SPECIFIC DESCRIPTION OF THE
VIOLATION.

SHEET INFORMATION

Issued 10/25/24 Scale AS

Project Status BID DOCUMENTS INDICATED

Drawn By AH Checked By BH

Drawing Title FIRST FLOOR DEMOLITION PLAN - AREA C

Drawing Number TZHS T101

GENERAL NOTES

- A. THE DISTRICT WILL REMOVE TELEPHONES AND RE-INSTALL IN RENOVATED SPACES.
- B. THE DISTRICT WILL REMOVE FLAT PANELS AND SMART BOARDS AND REINSTALL IN ALL RENOVATED SPACES.
- C. ALL SPEAKER / ELECTRONIC DISPLAY CABINETS SHALL REMAIN IN PLACE UNLESS OTHERWISE NOTED. GENERAL CONTRACTOR WILL PROTECT DEVICES WHEN RE-PAINTING RENOVATED SPACES.

DRAWING NOTES

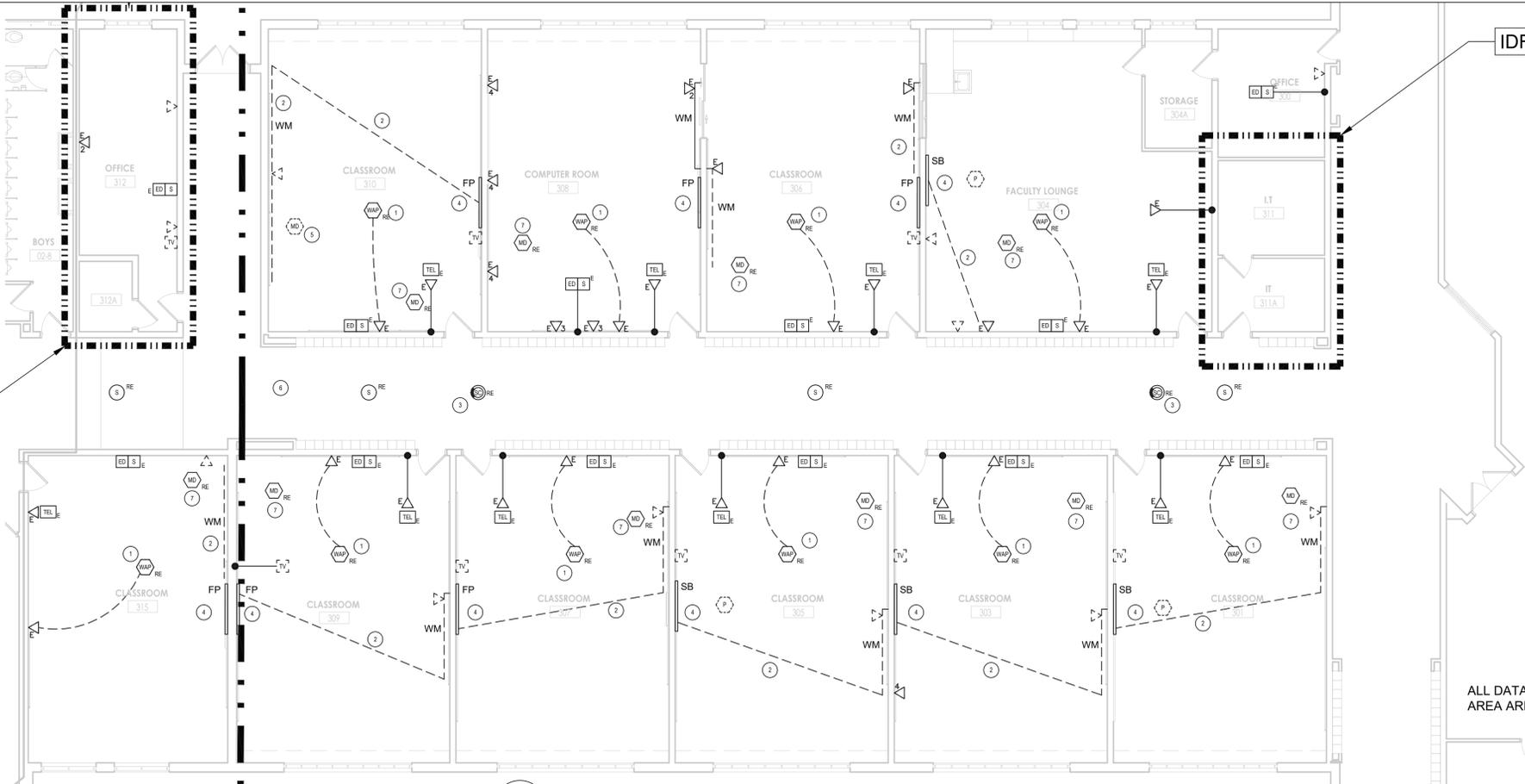
- 1 EXISTING CEILING WITHIN SPACE TO BE REMOVED. DISCONNECT, REMOVE AND STORE WIRELESS ACCESS POINT AND REINSTALL AS ON MAIN T-BAR WITH WAP MOUNTING BRACKET AS SHOWN ON NEW WORK DRAWINGS. COORDINATE MAC ADDRESS WITH DISTRICT IT DEPARTMENT. REUSE ALL EXISTING PATCH CABLES.
- 2 ALL CONTROL CABLING BETWEEN TEACHERS STATION, PROJECTORS AND FLAT PANELS TO BE REMOVED.
- 3 EXISTING CEILING WITHIN SPACE TO BE REMOVED. DISCONNECT, REMOVE AND STORE IP CAMERA AND REINSTALL AS SHOWN ON CAMERA MOUNTING DETAIL FOR LAY IN CEILINGS. COORDINATE MAC ADDRESS WITH DISTRICT IT DEPARTMENT. REUSE ALL EXISTING PATCH CABLES.
- 4 DISTRICT TO REMOVE EXISTING FLAT PANEL AND ASSOCIATED MOUNTING BRACKET.
- 5 REMOVE MOTION DETECTOR AND PULL WIRING BACK ABOVE CEILING FOR FUTURE USE. TAG WIRE AS INTRUSION DETECTION
- 6 CORRIDOR CEILING TO BE REMOVED AND RE-INSTALL. REMOVE CAMERAS AND SPEAKERS AND RE-INSTALL IN NEW CEILINGS. TAG ALL CABLES FOR RE-USE.
- 7 REMOVE EXISTING MOTION DETECTOR AND REINSTALL IN SIMILAR LOCATION ONCE NEW CEILING IS INSTALLED.
- 8 ROCKLAND COUNTY EMERGENCY MANAGEMENT DAS ANTENNA. REMOVE AND REINSTALL ANTENNA ON NEW CEILING. PROTECT ALL CABLES AND HARDWARE SUPPORTING THIS SYSTEM. COORDINATE WITH ROCKLAND COUNTY EMS.

ALL DATA CABLES IN THIS AREA ARE IN WIRING ZONE IDF-M-3

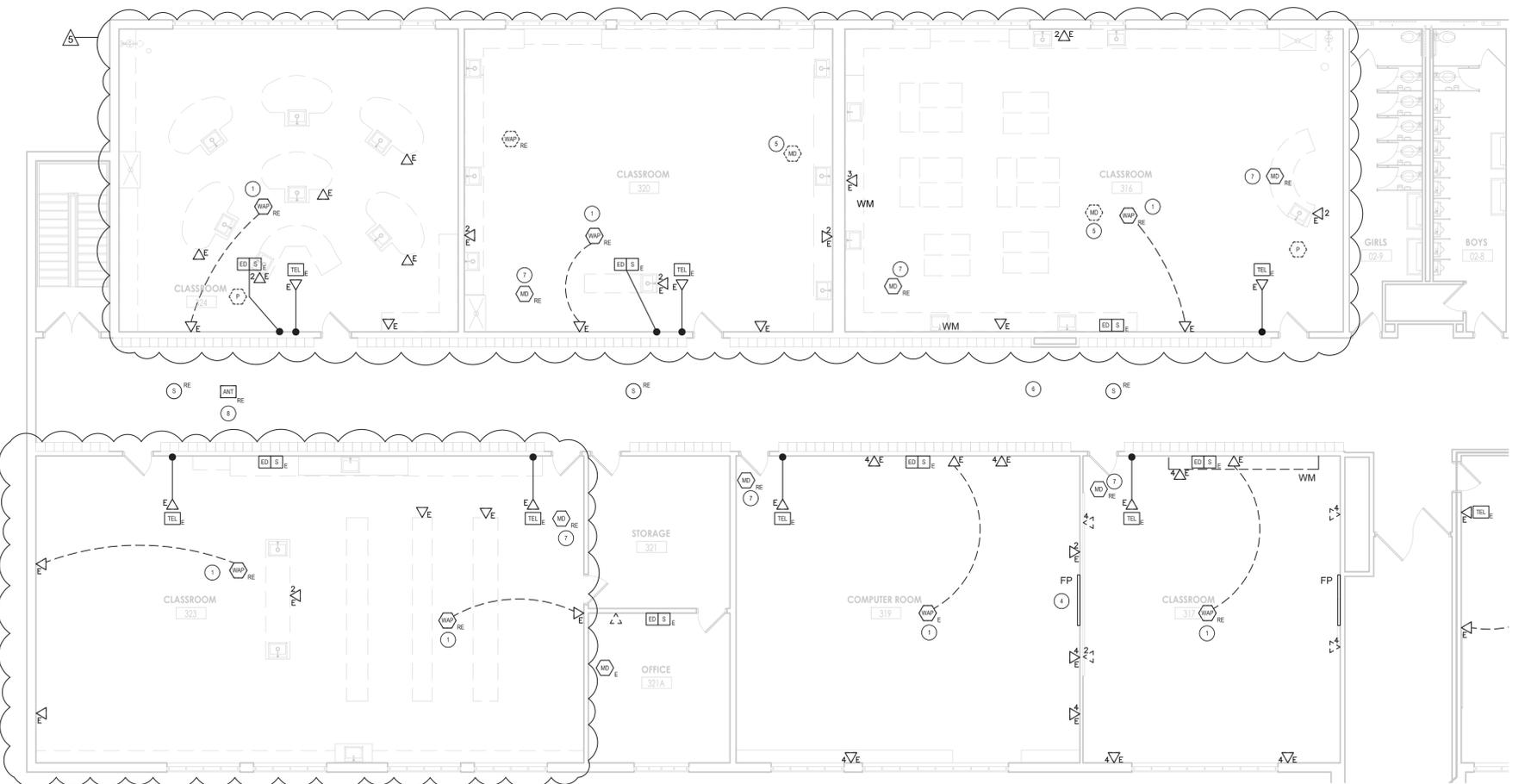
4 T700 IDF-M-3

ALL DATA CABLES IN THIS AREA ARE IN WIRING ZONE IDF-M-4

1 T701 IDF-M-4



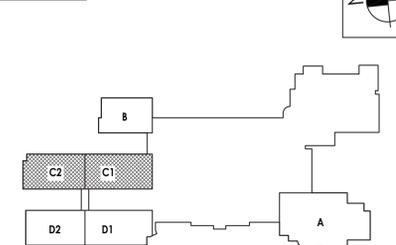
1 T101 FIRST FLOOR DEMOLITION PLAN - AREA C1
SCALE: 1/8" = 1'-0"



2 T101 FIRST FLOOR DEMOLITION PLAN - AREA C2
SCALE: 1/8" = 1'-0"

ALL DATA CABLES IN THIS AREA ARE IN WIRING ZONE IDF-M-3

KEY PLAN:



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Poughkeepsie, NY 12601
CPLteam.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
R22.14457.20

Client Name

**SOUTH ORANGETOWN CENTRAL
SCHOOL DISTRICT**

Project Name

PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address
15 DUTCH HILL ROAD, ORANGEBURG, NY
10962

SED # 20-03-01-04-0-004-003

Registration Expiration Date

Lisianski, Tony 09/30/24

Anthony Marchetti 05/31/27

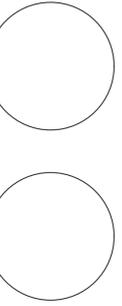
DiVito, Matt 02/28/25

Jennifer Wengender 04/30/27

PROJECT ISSUE & REVISION SCHEDULE

Issue
5 11/19/2024 BID ADDENDUM #5

PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION STATEMENT
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMPARISONARY
REGULATIONS OF ANY PERSON UNLESS ACTING UNDER THE SUPERVISION OF A LICENSED
ARCHITECT, ENGINEER OR LAND SURVEYOR TO ACT IN ANY MANNER THAT IMPLIES
BEARING THE NAME OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR, OR THE SEAL, TITLE OR
FIRM NAME, WITH THE DESIGN SIGNATURE AND SEAL OF AN ARCHITECT, ENGINEER OR
LAND SURVEYOR, OR THE SEAL AND TITLE OF SUCH ARCHITECT, ENGINEER OR LAND SURVEYOR,
OR THE SEAL AND TITLE OF SUCH ARCHITECT, ENGINEER OR LAND SURVEYOR.

SHEET INFORMATION

Issued
10/25/24 Scale
AS INDICATED

Project Status
BID DOCUMENTS

Drawn By
AH Checked By
BH

Drawing Title
**FIRST FLOOR NEW WORK PLAN -
AREA C**

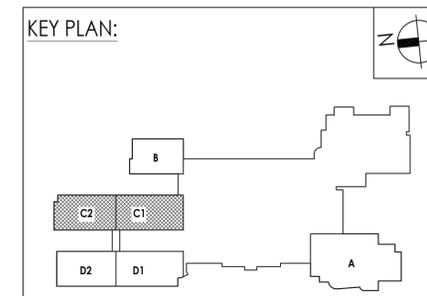
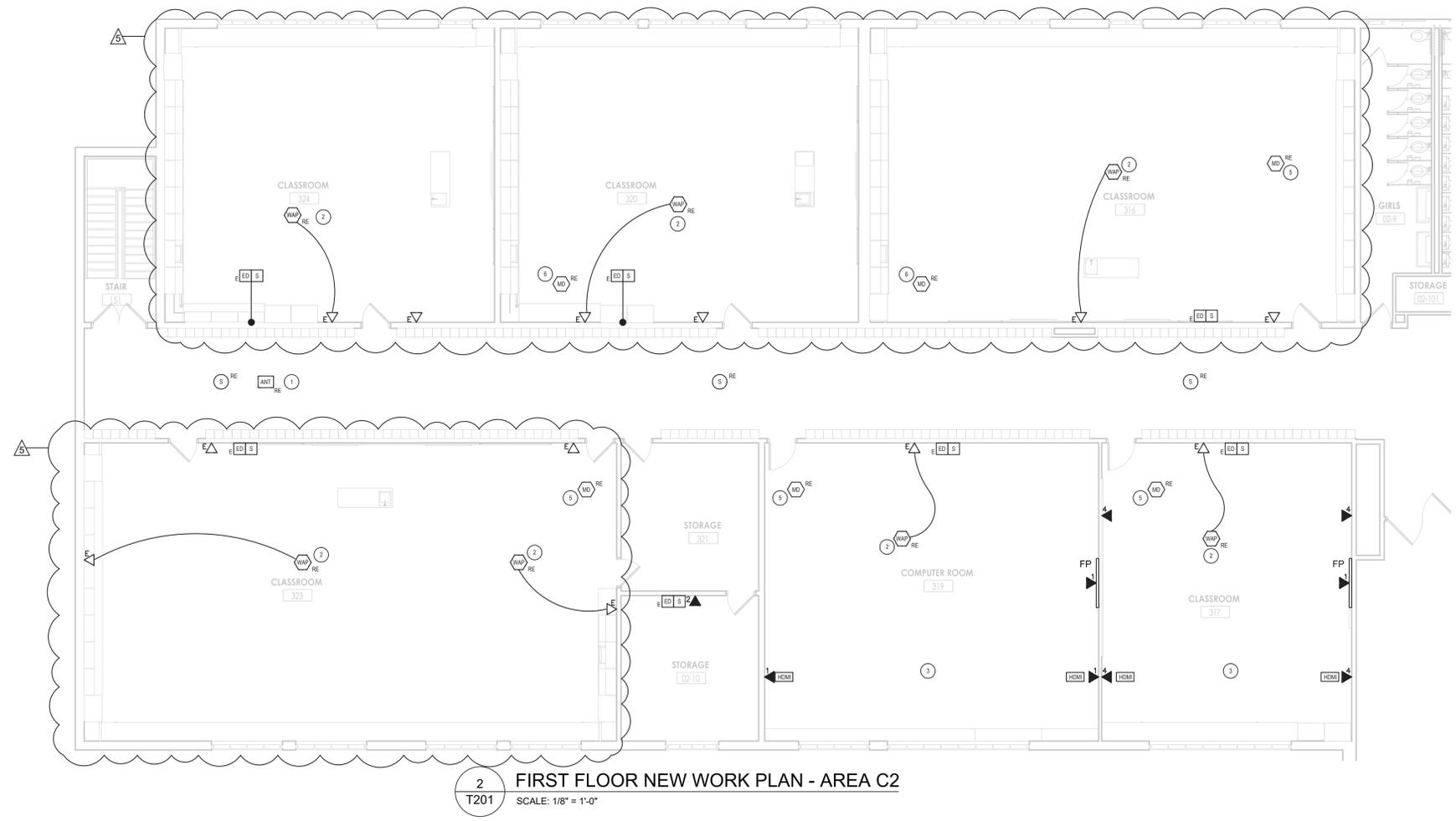
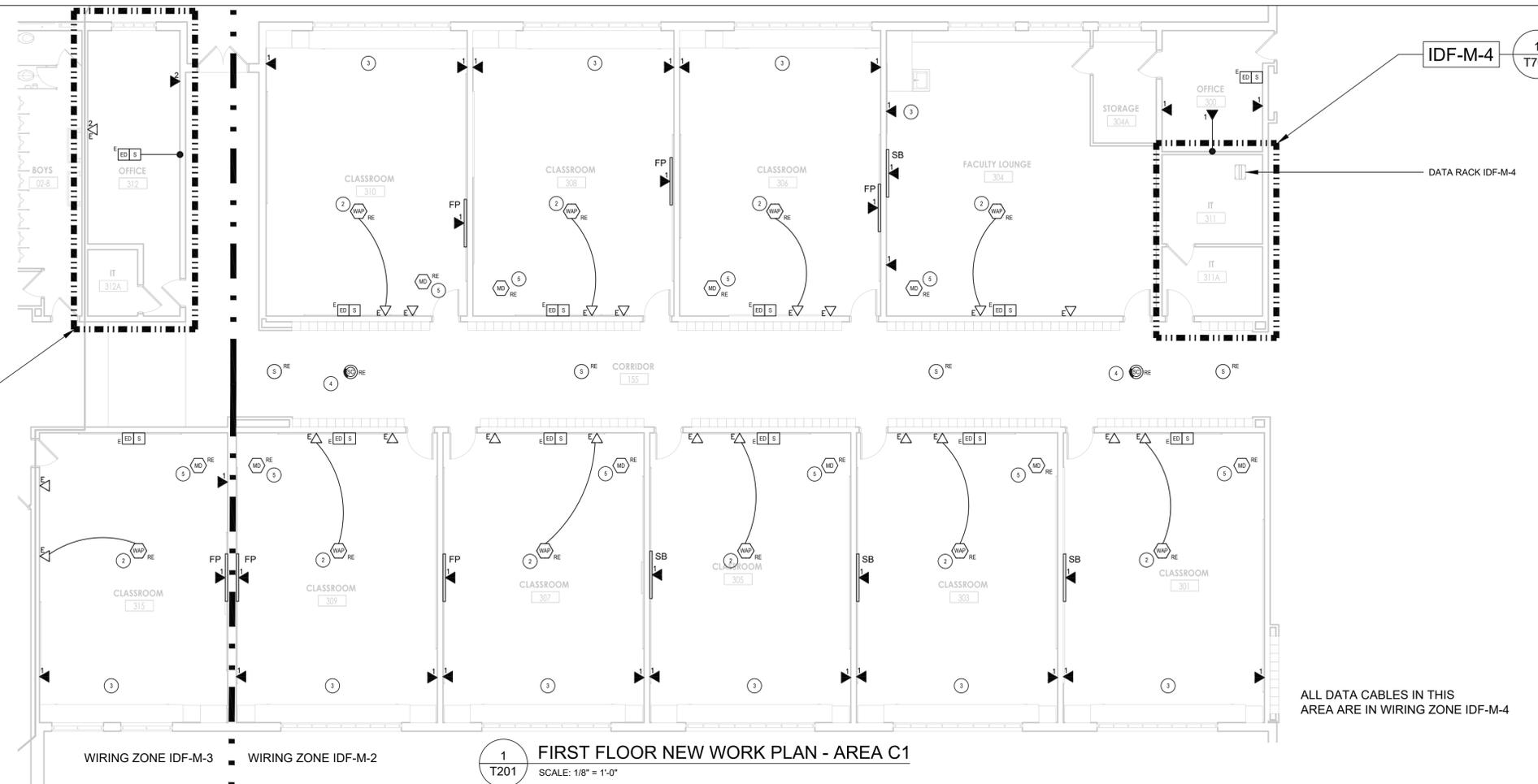
Drawing Number
**TZHS
T201**

GENERAL NOTES

- A. THE DISTRICT WILL REMOVE TELEPHONES AND RE-INSTALL IN RENOVATED SPACES.
- B. THE DISTRICT WILL REMOVE FLAT PANELS AND SMART BOARDS AND REINSTALL IN ALL RENOVATED SPACES.
- C. ALL SPEAKER / ELECTRONIC DISPLAY CABINETS SHALL REMAIN IN PLACE UNLESS OTHERWISE NOTED. GENERAL CONTRACTOR WILL PROTECT DEVICES WHEN RE-PAINTING RENOVATED SPACES.
- D. REFER TO DETAIL 1/1702 FOR CLASSROOM WIRING FOR FLAT PANELS AND DATA JACKS. TYPICAL ALL CLASSROOMS UNLESS OTHERWISE NOTED.

DRAWING NOTES

- 1 ROCKLAND COUNTY 911 EMS ANTENNA SYSTEM. MAINTAIN SYSTEM INTEGRITY THROUGHOUT CONSTRUCTION PROJECT.
- 2 INSTALL RELOCATED WAP ON NEW CEILING. ATTACH T-BAR MOUNTING BRACKET TO MAIN CEILING T. PROVIDE A 20 FT. CAT 6 PATCH CABLE TO CONNECT TO EXISTING CAT 6 JACK THAT PREVIOUSLY SERVED WAP
- 3 INSTALL NEW DATA CABLES WITH ASSOCIATED HDMI AND USB CABLES FOR FLAT PANEL AT TEACHER'S STATIONS AS SHOWN ON DETAIL 1/1702.
- 4 RE-INSTALL EXISTING CAMERA ON NEW CEILING. CONNECT TO EXISTING NETWORK JACK ABOVE CEILING WITH NEW CAT 6 PATCH CABLE.
- 5 INSTALL MOTION DETECTOR ON NEW CEILING. EXTEND EXISTING INTRUSION SYSTEM WIRING AS REQUIRED.



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