ELLENVILLE CENTRAL SCHOOL DISTRICT

2020 CAPITAL IMPROVEMENT PROJECT

VOLUME 1

CAFETERIA ADDITION / LIBRARY RELOCATION

ELLENVILLE ELEMENTARY SCHOOL: SED# 62-20-02-06-0-008-010

CONSTRUCTION MANAGER

The Palombo Group
22 Noxon Street
Poughkeepsie, New York 12601
Phone: 845-868-1239

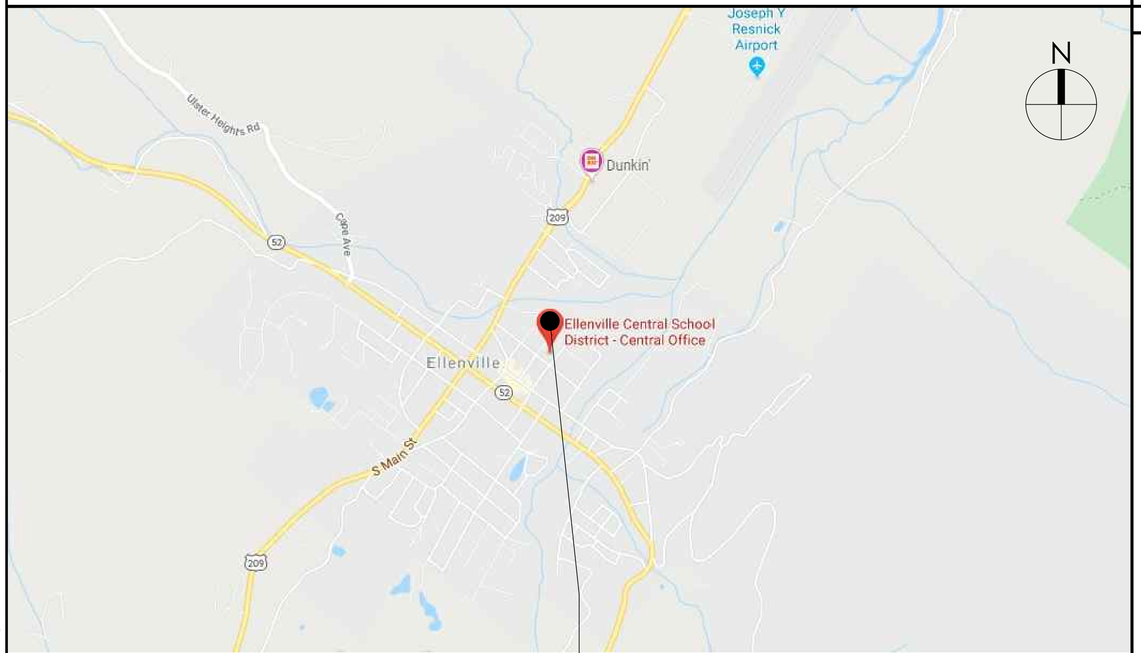
OWNER

Ellenville Central School District
28 Maple Avenue
Ellenville, New York 12428
Phone: 845-647-0104

ARCHITECT/ENGINEER

CPL
50 Front Street, Suite 202
Newburgh, New York 12550
Phone: 800-274-9000

LOCATION MAP



Ellenville Elementary School
28 Maple Avenue, Ellenville, New York 12428

GENERAL NOTES

THE DESIGN OF THIS PROJECT CONFORMS TO ALL APPLICABLE PROVISIONS OF NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CODE, AND THE BUILDING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

DRAWING LIST

EES = ELLENVILLE ELEMENTARY SCHOOL **GEN** = GENERAL **FS** = FOOD SERVICE

GENERAL:
VOL1-T001 TITLE SHEET

ASBESTOS ABATEMENT:
EES-AA00 ASBESTOS ABATEMENT NOTES
EES-ASB101 EXISTING/DEMOLITION PLAN: NEW CAFETERIA AREA
EES-ASB102 EXISTING/DEMOLITION PLAN: EXISTING CAFETERIA/NEW LIBRARY AREA

CIVIL:
EES-C100 DEMOLITION PLAN
EES-C200 LAYOUT & UTILITY PLAN
EES-C300 GRADING & EROSION CONTROL PLAN
EES-C600 DETAILS

STRUCTURAL:
EES-S200 FOUNDATION PLAN
EES-S201 FRAMING PLAN
EES-S201A FRAMING PLAN- BEAM ALTERNATE
EES-S400 FOUNDATION SECTIONS
EES-S401 ROOF SECTIONS
EES-S401A ROOF SECTIONS- BEAM ALTERNATE
EES-S800 STRUCTURAL NOTES
EES-S801 STRUCTURAL SCHEDULES
EES-S802 STRUCTURAL TYPICAL DETAILS
EES-S803 STRUCTURAL TYPICAL DETAILS CONT'D

ARCHITECTURAL:
EES-A001 OVERALL FIRST FLOOR PLAN & CODE INFORMATION
EES-A002 OVERALL SECOND FLOOR PLAN
EES-A101 EXISTING/DEMOLITION PLAN: CAFETERIA ADDITION AREA
EES-A102 EXISTING/DEMOLITION PLAN: EXISTING CAFETERIA/NEW LIBRARY AREA
EES-A201 CAFETERIA ADDITION NEW WORK FLOOR PLAN
EES-A202 CAFETERIA ADDITION NEW WORK ROOF PLAN
EES-A203 LIBRARY NEW WORK FLOOR PLAN
EES-A204 LIBRARY NEW WORK ROOF PLAN
EES-A301 CAFETERIA ADDITION NEW WORK ELEVATIONS
EES-A302 CAFETERIA ADDITION NEW WORK ELEVATIONS
EES-A400 PARTITION TYPE DETAILS
EES-A401 CAFETERIA ADDITION NEW WORK BUILDING SECTIONS
EES-A401A CAFETERIA ADDITION NEW WORK BUILDING SECTIONS- BEAM ALTERNATE
EES-A402 CAFETERIA ADDITION NEW WORK WALL SECTIONS
EES-A402A CAFETERIA ADDITION NEW WORK WALL SECTIONS- BEAM ALTERNATE
EES-A403 CAFETERIA ADDITION NEW WORK WALL SECTIONS
EES-A403A CAFETERIA ADDITION NEW WORK WALL SECTIONS- BEAM ALTERNATE
EES-A404 CAFETERIA ADDITION NEW WORK WALL SECTIONS
EES-A404A CAFETERIA ADDITION NEW WORK WALL SECTIONS- BEAM ALTERNATE
EES-A601 CAFETERIA ADDITION NEW WORK REFLECTED CEILING PLAN
EES-A602 LIBRARY NEW WORK REFLECTED CEILING PLAN
EES-A701 ENLARGED FLOOR PLANS, INTERIOR ELEVATIONS & FIXTURE SCHEDULE
EES-A702 CAFETERIA ADDITION INTERIOR ELEVATIONS
EES-A703 LIBRARY INTERIOR ELEVATIONS
EES-A801 RAMP DETAILS
EES-A802 GENERAL CONSTRUCTION DETAILS
EES-A802A GENERAL CONSTRUCTION DETAILS- BEAM ALTERNATE
EES-A803 ROOF EDGE DETAILS
EES-A803A ROOF EDGE DETAILS- BEAM ALTERNATE
EES-A804 TYPICAL ROOF DETAILS
EES-A805 GENERAL CONSTRUCTION DETAILS & RAMP DETAILS
EES-A901 DOOR SCHEDULE, DOOR & FRAME TYPES, & DETAILS
EES-A902 WINDOW SCHEDULE & DETAILS

INTERIORS:
EES-I000 INTERIORS GENERAL
EES-I201 CAFETERIA ADDITION FINISH PLAN
EES-I202 LIBRARY FINISHES PLAN

MECHANICAL:
GEN-H000 MECHANICAL SYMBOLS LIST
EES-H101 EXISTING CAFETERIA HVAC DEMOLITION FLOOR PLAN
EES-H102 EXISTING CAFETERIA HVAC DEMOLITION ROOF PLAN
EES-H201 LIBRARY NEW DUCTWORK PLAN
EES-H202 CAFETERIA NEW DUCTWORK PLAN
EES-H202A CAFETERIA NEW DUCTWORK PLAN- BEAM ALTERNATE
EES-H203 ROOF NEW WORK PLANS
EES-H301 MECHANICAL PIPING NEW WORK PLANS
EES-H500 MECHANICAL CONTROLS DETAILS
EES-H800 HVAC DETAILS
EES-H801 HVAC DETAILS
EES-H900 HVAC SCHEDULES

ELECTRICAL:
EES-E000 ELECTRICAL LEGEND AND NOTES
EES-E101 ELEMENTARY SCHOOL FIRST FLOOR DEMOLITION PLAN
EES-E201 ELEMENTARY SCHOOL FIRST FLOOR NEW WORK PLAN - LIBRARY
EES-E202 ELEMENTARY SCHOOL FIRST FLOOR NEW WORK PLAN - CAFETERIA
EES-E301 ELEMENTARY SCHOOL FIRST FLOOR LIGHTING PLAN - LIBRARY & CAFETERIA
EES-E900 ELECTRICAL SCHEDULES

PLUMBING:
GEN-P000 PLUMBING SYMBOLS LIST
EES-P101 EXISTING KITCHEN PLUMBING DEMOLITION PLAN
EES-P201 ES CAFETERIA ADDITION PLUMBING NEW WORK PLANS - SANITARY & STORM DRAINAGE
EES-P301 ES CAFETERIA ADDITION PLUMBING NEW WORK PLANS - DOMESTIC WATER
EES-P801 ES CAFETERIA ADDITION PLUMBING DETAILS

FOOD SERVICE:
EES-FS100 EXISTING FOOD SERVICE PLAN
EES-FS101 FOOD SERVICE PLAN
EES-FS102 FOOD SERVICE ELECTRICAL SCHEDULE
EES-FS103 FOOD SERVICE PLUMBING SCHEDULE
EES-FS104 WALK-IN DRAWINGS
EES-FS105 REFRIGERATION DRAWINGS
EES-FS106 SERVING LINE DRAWINGS
EES-FS107 SERVING LINE DRAWINGS
EES-FS108 SERVING LINE DRAWINGS 2
EES-FS109 SERVING LINE DRAWINGS 2
EES-FS110 HOOD DRAWINGS
EES-FS111 HOOD DRAWINGS

ROOFING (from Phase 2A):
EES-EHS-AA00 PHASE 2A ASBESTOS ABATEMENT NOTES
EES-ASB101 ELEMENTARY SCHOOL DEMOLITION ROOF PLAN & NOTES - BASE BID & BID ALTERNATE
EES-A201 ELEMENTARY SCHOOL NEW WORK ROOF PLAN & NOTES
EES-A801 ELEMENTARY SCHOOL NEW WORK ROOF DETAILS - BASE BID
GEN-A802 ELEMENTARY/MIDDLE/HIGH SCHOOL NEW WORK ROOF DETAILS - BASE BID
GEN-A803 ELEMENTARY/MIDDLE/HIGH SCHOOL NEW WORK ROOF DETAILS - BASE BID
GEN-H000 MECHANICAL SYMBOLS LIST
EES-H201 HVAC ELEMENTARY SCHOOL ROOF NEW WORK PLAN

CPLteam.com
ARCHITECTURE + ENGINEERING + PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

SHEET TITLE
TITLE SHEET

PROJECT NUMBER
14426.04

VOL-1
T001
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR.

THE DRAWINGS AND SPECIFICATIONS AND THE COMPUTER CODES FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR.

Plotted By: Mark Johnson
Date last plotted: 7/25/2022 3:47 PM
Date last accessed: 7/25/2022 3:47 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\Common\Phase 1\T001.dwg

PRE-ABATEMENT WORK NOTES:

1. THESE DRAWINGS HAVE BEEN PREPARED BY UTILIZING THE OWNERS' ORIGINAL CONSTRUCTION DOCUMENTS IN ORDER TO ILLUSTRATE THE EXISTING CONDITIONS OF THE SITE AND STRUCTURES THEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL VERIFICATION OF ALL EXISTING CONDITIONS IN THE FIELD.

2. THE ASBESTOS CONTAINING MATERIALS, CONFIGURATIONS AND LOCATIONS SHOWN IN THESE DRAWINGS ARE BASED ON THE ASBESTOS CONTAINING MATERIALS TESTING REPORT. REFER TO THE ASBESTOS CONTAINING MATERIALS REPORT AND ASBESTOS SPECIFICATION FOR FURTHER INFORMATION.

3. THE CONTRACTOR SHALL DETERMINE EXACT FINAL LOCATIONS OF PERSONAL AND WASTE DECONTAMINATION ENCLOSURES, PICK UP AREA FOR REFUSE AND ASBESTOS DEBRIS. THESE LOCATIONS SHALL BE REVIEWED AND PROPERLY APPROVED BY THE SCHOOL DISTRICT PRIOR TO COMMENCEMENT OF WORK. THIS CONTRACTOR SHALL ESTABLISH, LABEL AND MAINTAIN PROPER EXITS AND MEANS OF – EGRESS FROM WITHIN EACH WORK AREA FOR NORMAL AND EMERGENCY USE BY WORKERS DURING ALL ABATEMENT.

4. PRIOR TO BIDDING, THE CONTRACTOR SHALL BE RESPONSIBLE TO BECOME COMPLETELY FAMILIAR WITH ALL ASPECTS OF THE PROJECT, INCLUDING, BUT NOT LIMITED TO ALL DEMOLITION AND CONSTRUCTION WORK OF OTHER TRADES SHOWN IN THE COMPLETE SET OF DRAWINGS AND IN THE PROJECT MANUAL/SPECIFICATIONS, IN ORDER THAT THE FULL SCOPE OF WORK WHICH HE MAY ENCOUNTER IN SCHEDULING OR PROGRESSING ASBESTOS CONTAINING MATERIAL REMOVALS WORK IS UNDERSTOOD AND ACCOUNTED FOR BY THE CONTRACTOR IN HIS/HER PROJECT WHETHER OR NOT SHOWN IN THESE DOCUMENTS.

5. PRIOR TO ABATEMENT, ALL CONTRACTORS WILL SURVEY EXISTING CONDITIONS IN THE ABATEMENT AND GENERAL WORK AREAS. ITEMS/MATERIALS/ETC. DAMAGED, OR NON-FUNCTIONAL SHALL BE LISTED, NOTED, PHOTOGRAPHED AND REVIEWED WITH THE OWNERS' REPRESENTATIVE, ARCHITECT, OR PROJECT MONITOR . ALL OTHER ITEMS/MATERIALS SHALL BE ASSUMED TO BE IN GOOD CONDITION AND GOOD WORKING ORDER. IT SHALL BE THE RESPONSIBILITY OF THE ABATEMENT CONTRACTOR TO STORE AND MAINTAIN ALL MATERIALS, ITEMS, EQUIPMENT, SYSTEMS, ETC. IN THEIR ORIGINAL CONDITION AND RETURN TO OWNER/GC, ETC. IN SAME CONDITION AT THE END OF THIS CONTRACT.

ASBESTOS REMOVAL GENERAL NOTES:

1. ASBESTOS ABATEMENT INDICATED ON DRAWINGS SHALL BE PERFORMED BY A NYS DEPARTMENT OF LABOR LICENSED ASBESTOS ABATEMENT CONTRACTOR, SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND QUANTITIES PRIOR TO BID.

2. THE CONTRACTOR SHALL PERFORM ALL CONTRACT WORK IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS, NEW YORK STATE DEPARTMENT OF LABOR (NYSDOL) INDUSTRIAL CODE RULE 56, OSHA, NESHAPS, AHERA, NYSDEC AND ALL OTHER APPLICABLE CODES.

3. THE CONTRACTOR SHALL MAINTAIN THE SITE AS NEAT AS POSSIBLE AND ORDERLY DURING THE WORK. ALL LOOSE DEBRIS WHICH MAY BLOW OFF THE SITE SHALL BE COLLECTED AND DISPOSED OF PROPERLY BY THE CONTRACTOR ON A DAILY BASIS.

4. THE CONTRACTOR SHALL PROVIDE BARRIERS AROUND EACH WORK AREA IN ORDER TO ENSURE SAFE PASSAGE BY ANY PERSON. THESE BARRIERS SHALL ALSO SERVE TO KEEP ALL UNAUTHORIZED PERSONS OUT OF THE PROJECT AREA FOR DURATION OF THE WORK.

5. VARIANCES: THE OWNERS' CONSULTANT SHALL OBTAIN ANY SITE SPECIFIC VARIANCES SITE-SPECIFIC VARIANCES.

6. THE CONTRACTOR SHALL MAINTAIN SECURITY IN THE BUILDING AND EACH WORK AREA AT ALL TIMES.

7. PROJECT STAGING, PHASING, STORAGE, SCHEDULING AND WORK HOURS ACCESS SHALL BE COORDINATED WITH AND APPROVED BY THE ARCHITECT, ASBESTOS CONSULTANT AND OWNER PRIOR TO PROCEEDING WITH ANY WORK.

8. SHOULD IT BE NECESSARY, CONTRACTOR SHALL COORDINATE SHUT DOWN AND LOCK OUT/TAGOUT OF THE ELECTRICAL POWER WITH OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF ANY WORK.

9. ALL TEMPORARY POWER TO EACH WORK AREA SHALL BE BROUGHT IN FROM OUTSIDE OF EACH WORK AREA THROUGH A GROUND-FAULT CIRCUIT INTERRUPTER AT THE SOURCE.

10. CONTRACTOR SHALL COORDINATE HOOKUP OF WATER SERVICE FOR DECONTAMINATION PURPOSES WITH THE OWNER'S REPRESENTATIVE.

11. THE OWNER OR OWNERS' REPRESENTATIVE IS RESPONSIBLE TO CONTRACT FOR NYSDOL PROJECT MONITORING/AIR SAMPLING TECHNICIAN SERVICES AS REQUIRED.

12. CONTRACTOR TO PROVIDE A COPY OF ALL SDS FOR ALL CHEMICAL AGENTS TO BE USED DURING THE ASBESTOS ABATEMENT TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO ANY ABATEMENT WORK UNDERTAKEN.

13. CONTRACTOR SHALL REQUEST AND RECEIVE OWNER'S REPRESENTATIVES APPROVAL OF ALL SCHEDULED WORK BEFORE ANY ABATEMENT IS UNDERTAKEN.

14. ALL CONTAMINATED WASTEWATER SHALL BE FILTERED THROUGH A 5.0 MICRON PARTICLE SIZE FILTER , PRIOR TO DISCHARGE TO SANITARY SEWER.

15. DRAWINGS ATTEMPT TO INDICATE THE GENERAL SCOPE OF EXISTING CONDITIONS AND ITEMS EFFECTED BY THE ABATEMENT WORK. CONTRACTOR SHALL EXAMINE EACH WORK AREA PRIOR TO BID AND SHALL INCLUDE FIELD VARIATIONS FROM THOSE SHOWN WITH IN THE GENERAL INTENT OF THE WORK.

16. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASBESTOS CONTAINING MATERIALS CONTAINED WITHIN THE PROJECT AND ASSOCIATED WITH ALL PROJECT WORK, IN COMPLIANCE WITH ALL APPLICABLE LAWS, RULES, REGULATIONS AND ALL REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.

17. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASBESTOS CONTAINING MATERIALS CONTAINED WITHIN THE PROJECT AND ASSOCIATED WITH ALL PROJECT WORK, IN THE MOST EFFICIENT AND COST-EFFECTIVE METHOD POSSIBLE, WHICH ALSO COMPLIES WITH THE REQUIREMENTS LISTED ABOVE.

POST-ABATEMENT WORK NOTES:

1. PROVIDE ALL APPLICABLE CODE RULE 56 PROCEDURES, CLEAN UP, AND ADDITIONAL TESTING AS REQUIRED.

2. REMOVE ALL TEMPORARY ENCLOSURES, BARRIERS, ETC. REINSTALL ITEMS/WORK PREVIOUSLY REMOVED. ALL TAPE AND ADHESIVE RESIDUALS TO BE REMOVED AND REPAIRED.

3. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO INSURE AGAINST DAMAGE TO THE EXISTING WORK TO REMAIN IN PLACE. ANY DAMAGE TO SUCH WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST TO THE CONTRACT.

4. AT COMPLETION OF THE ABATEMENT WORK, A CONDITION SURVEY SHALL BE DONE BY ALL CONTRACTORS AND PROJECT INSPECTOR (SEE NOTE #2). ANY VARIATION (I.E. DAMAGE BY THE CONTRACTOR), AND OTHERWISE NOT INCLUDED AS PART OF THE RECONSTRUCTION WORK, SHALL BE REPAIRED.RESTORED BY THE ABATEMENT CONTRACTOR.

5. THE CONTRACTOR SHALL, UPON COMPLETION OF THE REMOVAL, PROVIDE WRITTEN DOCUMENTATION (INCLUDING ALL APPROPRIATE THRID PARTY TESTING RESULTS) THAT THE PROJECT WORK AREAS ARE COMPLETELY FREE OF ALL ASBESTOS CONTAINING MATERIALS.
6. THE CONTRACTOR SHALL PROVIDE RECORDS OF ALL ASBESTOS CONTAINING MATERIALS REMOVED FROM THE SITE, INCLUDING THE COMPOSITION AND VOLUMES OF DISPOED MATERIALS AND THE FINAL DISPOSAL SITE.

VOLUME 1 - ASBESTOS ABATEMENT NOTES
VALID FOR ALL PHASES EES AND EHS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK
ANTHONY NICHOLAS NERO
087931
LICENSED PROFESSIONAL ENGINEER

QUALITY ENVIRONMENTAL
SOLUTIONS & TECHNOLOGIES,INC.
1398 ROUTE 9
WAPPINGERS FALLS, NY 12590
TEL: (845) 298-6031
FAX: 845 298-6251

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	AM	LG

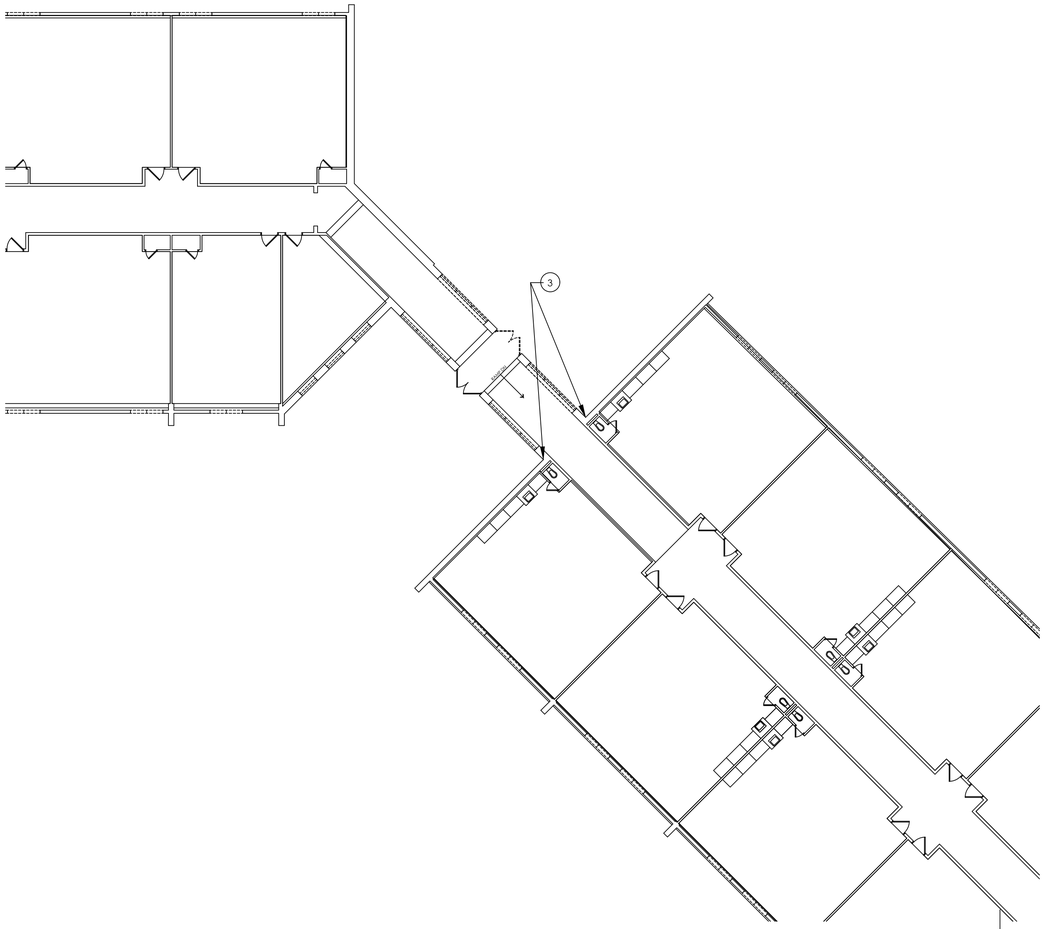
SCALE NONE

SHEET TITLE
VOLUME 1
ASBESTOS
ABATEMENT
NOTES

PROJECT NUMBER
14426.04

EES
AA00
DRAWING NUMBER

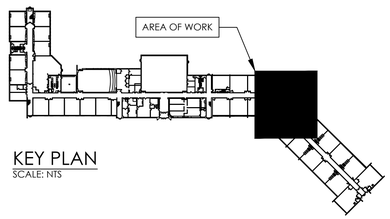
Plotted By: ANTHONY
Date last plotted: 5/19/2021 6:34 AM
Date last accessed: 5/19/2021 6:33 AM
Drawing Name: C:\Users\ANTHONY\Documents\GARDINER...ENG\JOBFILES\MISCELLANEOUS\2020\QuEST Ellenville CSD 9-30-2020\V1 (PHASE 1) ASB NOTES.dwg
THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING AND ARE THE EXCLUSIVE PROPERTY OF CPL. THEY ARE NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CPL. ANY UNAUTHORIZED USE OF THESE PLANS AND SPECIFICATIONS WILL BE THE RESPONSIBILITY OF THE PERSON OR ENTITY MAKING SUCH USE. THE ARCHITECT WILL NOT BE RESPONSIBLE FOR ANY UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS AND SPECIFICATIONS. ALL REPRODUCTIONS OF THESE PLANS AND SPECIFICATIONS MUST BEAR THE LEGAL SEAL OF AN ARCHITECT REGISTERED IN NEW YORK STATE.
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



1 ASB101 VOLUME 1 - ASBESTOS ABATEMENT PARTIAL PLAN CAFETERIA ADDITION AREA
SCALE: 1/16" = 1'-0" BASE BID

ELLENVILLE CSD DRAWING NOTES VOLUME 1

1- ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR COMPLETE AND TOTAL REMOVAL AND DISPOSAL OF APPROXIMATELY 50 SF OF FRIABLE ASBESTOS-CONTAINING PANEL BOARD BEHIND EXISTING FIN TUBE/HEATER ASSEMBLY IN THE SMALL CAFETERIA (ROOM 313).
2- ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR COMPLETE AND TOTAL REMOVAL AND DISPOSAL OF APPROXIMATELY 700 SF OF FRIABLE ASBESTOS CONTAINING FLOOR SYSTEM (QUARRY TILE & FLOOR TILE) AND ALL ASSOCIATED FLOORING LAYERS/MATERIALS.
3- ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF APPROXIMATELY 50 LF OF NON-FRIABLE ASBESTOS-CONTAINING EXPANSION CAULKING ON THE FAÇADE AT THE SEAMS ON BOTH SIDES OF THE BREEZEWAY.



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK
ANTHONY NICHOLAS NIELSEN
087997
LICENSED PROFESSIONAL ENGINEER

QuEST

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	AM	LG

SCALE AS NOTED

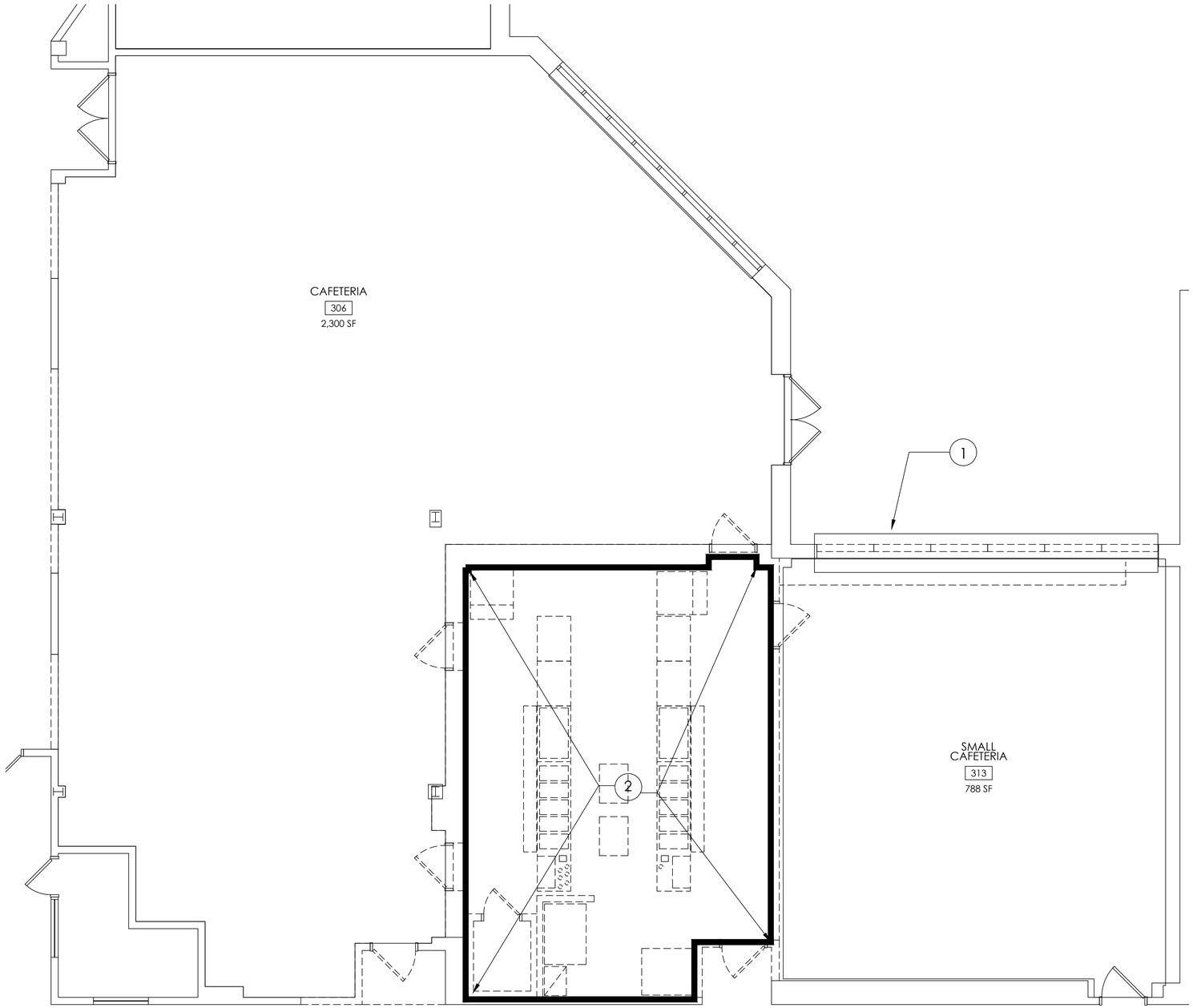
SHEET TITLE
ASBESTOS ABATEMENT PLAN:
EXISTING CAFETERIA / NEW LIBRARY AREA

PROJECT NUMBER
14426.04

EES
ASB101
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT, ALONGSIDE THE ORIGINAL SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

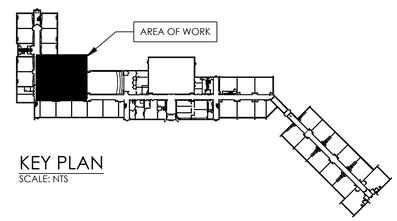
Drawing Name: C:\Users\ANTHONY\Documents\GARDINER_ENG\JOBFILES\MISCELLANEOUS\2020\QuEST Ellenville CSD 9-30-2020\Phase 1 - EES A101-A102 - Standard\EES A101-A102.dwg
Date last accessed: 5/11/2021 5:39 PM
Date last plotted: 5/11/2021 5:44 PM
Plotted By: ANTHONY



1 ASB102 VOLUME 1 ASBESTOS ABATEMENT EXISTING CAFETERIA
SCALE: 1/16" = 1'-0" BASE BID

ELLENVILLE CSD DRAWING NOTES VOLUME 1

1- ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR COMPLETE AND TOTAL REMOVAL AND DISPOSAL OF APPROXIMATELY 50 SF OF FRIABLE ASBESTOS-CONTAINING PANEL BOARD BEHIND EXISTING FIN TUBE/HEATER ASSEMBLY IN THE SMALL CAFETERIA (ROOM 313).
2- ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR COMPLETE AND TOTAL REMOVAL AND DISPOSAL OF APPROXIMATELY 700 SF OF FRIABLE ASBESTOS CONTAINING FLOOR SYSTEM (QUARRY TILE & FLOOR TILE) AND ALL ASSOCIATED FLOORING LAYERS/MATERIALS.
3- ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF APPROXIMATELY 50 LF OF NON-FRIABLE ASBESTOS-CONTAINING EXPANSION CAULKING ON THE FAÇADE AT THE SEAMS ON BOTH SIDES OF THE BREEZEWAY.



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK
ANTHONY NICHOLAS TRELEASE
067997
LICENSED PROFESSIONAL ENGINEER

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	AM	LG

SCALE AS NOTED

SHEET TITLE
ASBESTOS ABATEMENT PLAN:
EXISTING CAFETERIA / NEW LIBRARY AREA

PROJECT NUMBER
14426.04

EES
ASB102
DRAWING NUMBER

Plotted By: ANTHONY
Date last plotted: 5/11/2021 5:45 PM
Date last accessed: 5/11/2021 5:39 PM
Drawing Name: C:\Users\ANTHONY\Documents\GARDINER_ENG\JOBFILES\MISCELLANEOUS\2020\QuEST Ellenville CSD 9-30-2020\Phase 1 - EES A101-A102 - Standard\EES A101-A102.dwg

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND IS THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING, AND IS NOT TO BE COPIED, ALTERED OR REPRODUCED IN ANY FORM WITHOUT THE EXPRESS WRITTEN CONSENT OF CPL ARCHITECTURE ENGINEERING PLANNING. ANY UNAUTHORIZED USE, REPRODUCTION OR ALTERATION OF THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS AND MAY RESULT IN CIVIL AND/OR CRIMINAL PENALTIES. ALL RIGHTS RESERVED.

GENERAL NOTES:

1. ALL WORK IS TO BE COMPLETED IN ACCORDANCE WITH NYSDOH, OSHA,ULSTER COUNTY DOH, AND VILLAGE OF ELLENVILLE REQUIREMENTS.
2. PROVIDE ALL NECESSARY DOCUMENTATION TO SECURE WORK PERMITS WITHIN ALL RIGHTS OF WAY. COPIES OF ALL PERMITS SHALL BE FURNISHED TO THE ENGINEER PRIOR TO COMMENCING WORK.
3. THE LOCATIONS, SIZES AND ELEVATIONS OF EXISTING UTILITIES ARE BASED ON INFORMATION COMPILED BY THE ENGINEER FROM DRAWINGS OF RECORDS AND INFORMATION FURNISHED BY THE VARIOUS UTILITIES, WITH FIELD SURVEY VERIFICATION WHERE NECESSARY AND POSSIBLE. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED AND SHALL BE CONSIDERED APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE THIS INFORMATION VERIFIED AND LOCATED PRIOR TO CONSTRUCTION. NO CONSTRUCTION EXCAVATION, OR BORING SHALL BE DONE WITHOUT CERTIFICATION OF THE DEPTH AND LOCATION OF UTILITIES. CALL DIG SAFELY NY AT 811 AT LEAST 48 HOURS PRIOR TO COMMENCING WORK.
4. LOCATE, FLAG AND PRESERVE SURVEY MONUMENTS AND PROPERTY CORNER MARKERS. A LICENSED SURVEYOR SHALL REESTABLISH ANY PROPERTY CORNERS OR SURVEY MONUMENTS DISTURBED DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL BE AWARE OF, AND COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE NYS LABOR DEPT. AND OSHA, REGARDING EQUIPMENT, PROCEDURES, WORKING CONDITIONS AND WORKER SAFETY. THE CONTRACTOR SHALL HAVE A "COMPETENT PERSON" ON SITE, WHO IS FAMILIAR WITH THESE REQUIREMENTS AND THE SCOPE OF THIS PROJECT.
6. HIGHWAY DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION.
7. ALL ASPHALT DRIVES, ROADWAYS AND CONCRETE SIDEWALKS, CURBING CROSSED BY THE NEW UTILITIES SHALL BE SAWCUT AND RESURFACED TO MATCH EXISTING CONDITIONS.
8. TRAFFIC SHALL BE MAINTAINED AT ALL TIMES DURING INSTALLATION INCLUDING SITE PREPARATION, EXCAVATION, PLACEMENT, BACKFILLING, GRADING AND TESTING OF WATER MAIN AND APPURTENANCES. BARRICADES, SIGNS, FLAGS AND LIGHTS SHALL BE USED IN ACCORDANCE WITH LOCAL AND STATE TRAFFIC AND SAFETY LAWS REQUIRED FOR THE PROJECT.
9. IF ROCK IS ENCOUNTERED, BLASTING WILL NOT BE PERMITTED.

RESTORATION NOTES:

1. ALL DISTURBED AREAS SHALL BE RESTORED TO MATCH PRE EXISTING CONDITIONS.
2. RESTORE ASPHALT AND CONCRETE PAVEMENT AREAS PER SECTIONS PROVIDED ON THESE PLANS. ASPHALT COURSE DEPTHS SHOWN ON THE PLANS ARE COMPACTED DEPTHS.
3. RESTORE LAWN AREAS WITH 4" TOPSOIL, SEED, AND MULCH.
4. RESTORE OTHER LANDSCAPED AREAS WITH A MINIMUM 4" TOPSOIL, FABRIC, AND MULCH TO MATCH PRE EXISTING CONDITIONS.
5. RESTORE ALL DISTURBED UTILITIES TO MATCH PRE EXISTING CONDITIONS. PAYMENT WILL NOT BE MADE FOR UTILITY RESTORATION/REPLACEMENT DUE TO CONTRACTOR NEGLIGENCE.
6. PROVIDE NEW PAVEMENT STRIPING WITHIN DISTURBED AREAS TO MATCH EXISTING STRIPING LAYOUT AND COLOR(S). PAVEMENT STRIPING SHALL BE IN ACCORDANCE WITH NYSDOT STANDARD SPECIFICATIONS.
7. THE CONTRACTOR SHALL TEMPORARILY RESTORE ALL EXCAVATIONS IN TRAVELED AREAS INCLUDING ROADS, DRIVEWAYS, SIDEWALKS, AND PARKING AREAS WITH A MINIMUM 2" OF ASPHALT PAVEMENT OR (COLD-PATCH) IF MORE THAN ONE WEEK WILL PASS BETWEEN BACKFILLING AND FINAL RESTORATION.
8. PROTECT TREES AND OTHER PLANTS FROM DAMAGE UNLESS THEIR REMOVAL IS REQUIRED FOR CONSTRUCTION. NO TREE SHALL BE REMOVED THAT IS NOT IMPACTED BY THE WORK.

CONCRETE WASHOUT FACILITY NOTES:

CONDITIONS WHERE PRACTICE APPLIES:

WASHOUT FACILITIES SHALL BE PROVIDED FOR EVERY PROJECT WHERE CONCRETE WILL BE POURED OR OTHERWISE FORMED ON THE SITE. THIS FACILITY WILL RECEIVE HIGHLY ALKALINE WASH WATER FROM THE CLEANING OF CHUTES, MIXERS, HOPPERS, VIBRATORS, PLACING EQUIPMENT, TROWELS, AND SCREEDS. UNDER NO CIRCUMSTANCES WILL WASH WATER FROM THESE OPERATIONS BE ALLOWED TO INFILTRATE INTO THE SOIL OR ENTER SURFACE WATERS.

DESIGN CAPACITY:

THE WASHOUT FACILITY SHOULD BE SIZED TO CONTAIN SOLIDS, WASH WATER, AND RAINFALL AND SIZED TO ALLOW FOR THE EVAPORATION OF THE WASH WATER AND RAINFALL. WASH WATER SHALL BE ESTIMATED AT 7 GALLONS PER CHUTE AND 50 GALLONS PER HOPPER OF THE CONCRETE PUMP TRUCK AND/OR DISCHARGING DRUM. THE MINIMUM SIZE SHALL BE 8 FEET BY 8 FEET AT THE BOTTOM AND 2 FEET IF EXCAVATED, THE SIDE SLOPES SHALL BE 2 HORIZONTAL TO 1 VERTICAL.

LOCATION:

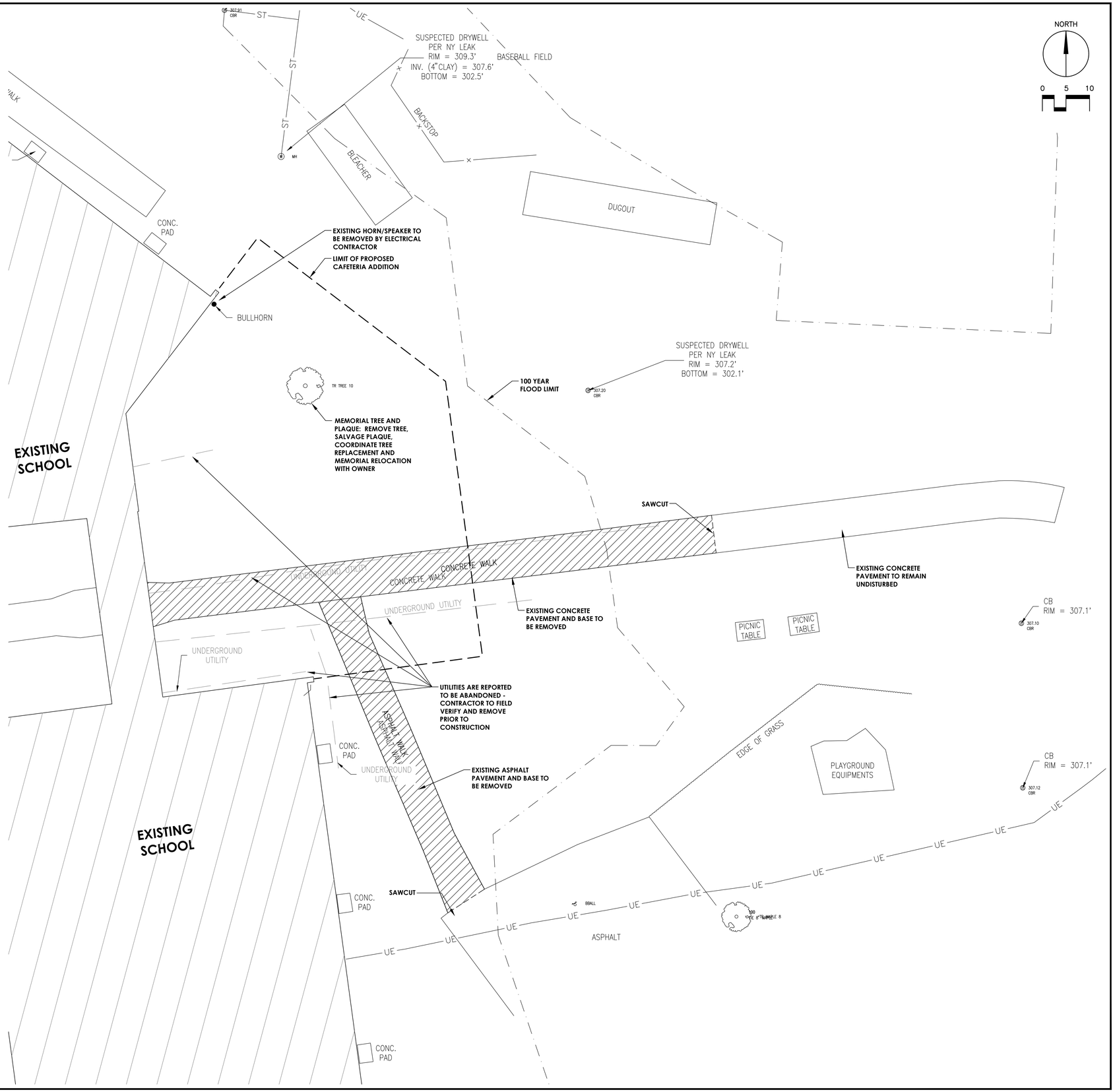
LOCATE THE FACILITY A MINIMUM OF 100 FEET FROM DRAINAGE SWALES, STORM DRAIN INLETS, WETLANDS, STREAMS AND OTHER SURFACE WATERS. PREVENT SURFACE WATER FROM ENTERING THE STRUCTURE EXCEPT FOR THE ACCESS ROAD. PROVIDE APPROPRIATE ACCESS WITH A GRAVEL ACCESS ROAD SLOPED DOWN TO THE STRUCTURE. SIGNS SHALL BE PLACED TO DIRECT DRIVERS TO THE FACILITY AFTER THEIR LOAD IS DISCHARGED.

LINER:

ALL WASHOUT FACILITIES WILL BE LINED TO PREVENT LEACHING OF LIQUIDS INTO THE GROUND. THE LINER SHALL BE PLASTIC SHEETING WITH A MINIMUM THICKNESS OF 10 MILS WITH NO HOLES OR TEARS, AND ANCHORED BEYOND THE TOP OF THE PIT WITH AN EARTHEN BERM, SAND BAGS, STONE, OR OTHER STRUCTURAL APPURTENANCE EXCEPT AT THE ACCESS POINT. IF PRE-FABRICATED WASHOUTS ARE USED THEY MUST ENSURE THE CAPTURE AND CONTAINMENT OF THE CONCRETE WASH AND BE SIZED BASED ON THE EXPECTED FREQUENCY OF CONCRETE POURS. THEY SHALL BE SITED AS NOTED IN THE LOCATION CRITERIA.

MAINTENANCE:

1. ALL CONCRETE WASHOUT FACILITIES SHALL BE INSPECTED DAILY. DAMAGED OR LEAKING FACILITIES SHALL BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY. EXCESS RAINWATER THAT HAS ACCUMULATED OVER HARDENED CONCRETE SHOULD BE PUMPED TO A STABILIZED AREA, SUCH AS A GRASS FILTER STRIP.
2. ACCUMULATED HARDENED MATERIAL SHALL BE REMOVED WHEN 75% OF THE STORAGE CAPACITY OF THE STRUCTURE IS FILLED. ANY EXCESS WASH WATER SHALL BE PUMPED INTO A CONTAINMENT VESSEL AND PROPERLY DISPOSED OF OFF SITE.
3. DISPOSE OF THE HARDENED MATERIAL OFF-SITE IN A CONSTRUCTION/DEMOLITION LANDFILL. ON-SITE DISPOSAL MAY BE ALLOWED IF THIS HAS BEEN APPROVED AND ACCEPTED AS PART OF THE PROJECTS SWPPP. IN THAT CASE, THE MATERIAL SHOULD BE RECYCLED AS SPECIFIED, OR BURIED AND COVERED WITH A MINIMUM OF 2 FEET OF CLEAN COMPACTED EARTHFILL THAT IS PERMANENTLY STABILIZED TO PREVENT EROSION.
4. THE PLASTIC LINER SHALL BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.
5. INSPECT THE PROJECT SITE FREQUENTLY TO ENSURE THAT NO CONCRETE DISCHARGES ARE TAKING PLACE IN NON-DESIGNATED AREAS.



CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	RHW	JB

SCALE 1"=10'

SHEET TITLE
DEMOLITION PLAN

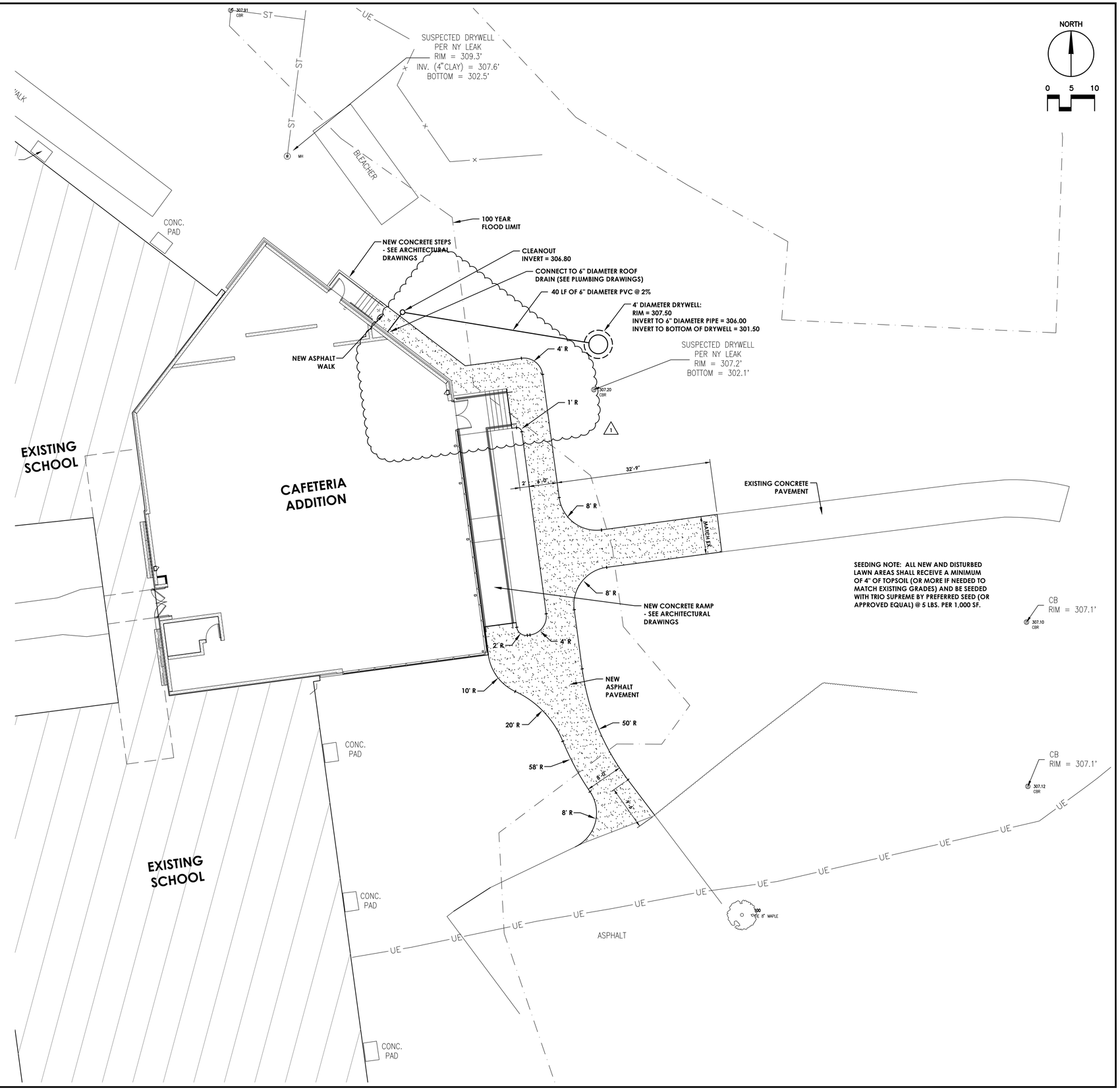
PROJECT NUMBER
14426.04

EES
C100
DRAWING NUMBER

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND IS THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING. IT IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THE SPECIFIC PROJECT FOR WHICH IT WAS PREPARED AND IS NOT TO BE LOANED, COPIED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF CPL ARCHITECTURE ENGINEERING PLANNING. ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHT, ARE HEREBY RESERVED BY CPL ARCHITECTURE ENGINEERING PLANNING.

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY AN ARCHITECTURAL DRAWING. THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR AFFIXED TO THIS DRAWING CONSTITUTES A REPRESENTATION BY THAT PROFESSIONAL THAT THIS DRAWING WAS PREPARED BY OR UNDER HIS OR HER DIRECT SUPERVISION AND CONTROL.

Plotted By: Richard Waite
Date last plotted: 3/30/2021 4:13 PM
Date last accessed: 3/30/2021 4:11 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\Civil\C2\Ellenville CSD RHW2.dwg



CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION
1	2.7.22	RHW	WALKWAY EXTENDED AT KITCHEN STAFF EXIT

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES; SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	RHW	JB

SCALE 1"=10'

SHEET TITLE
LAYOUT AND
UTILITY PLAN

PROJECT NUMBER
14426.04

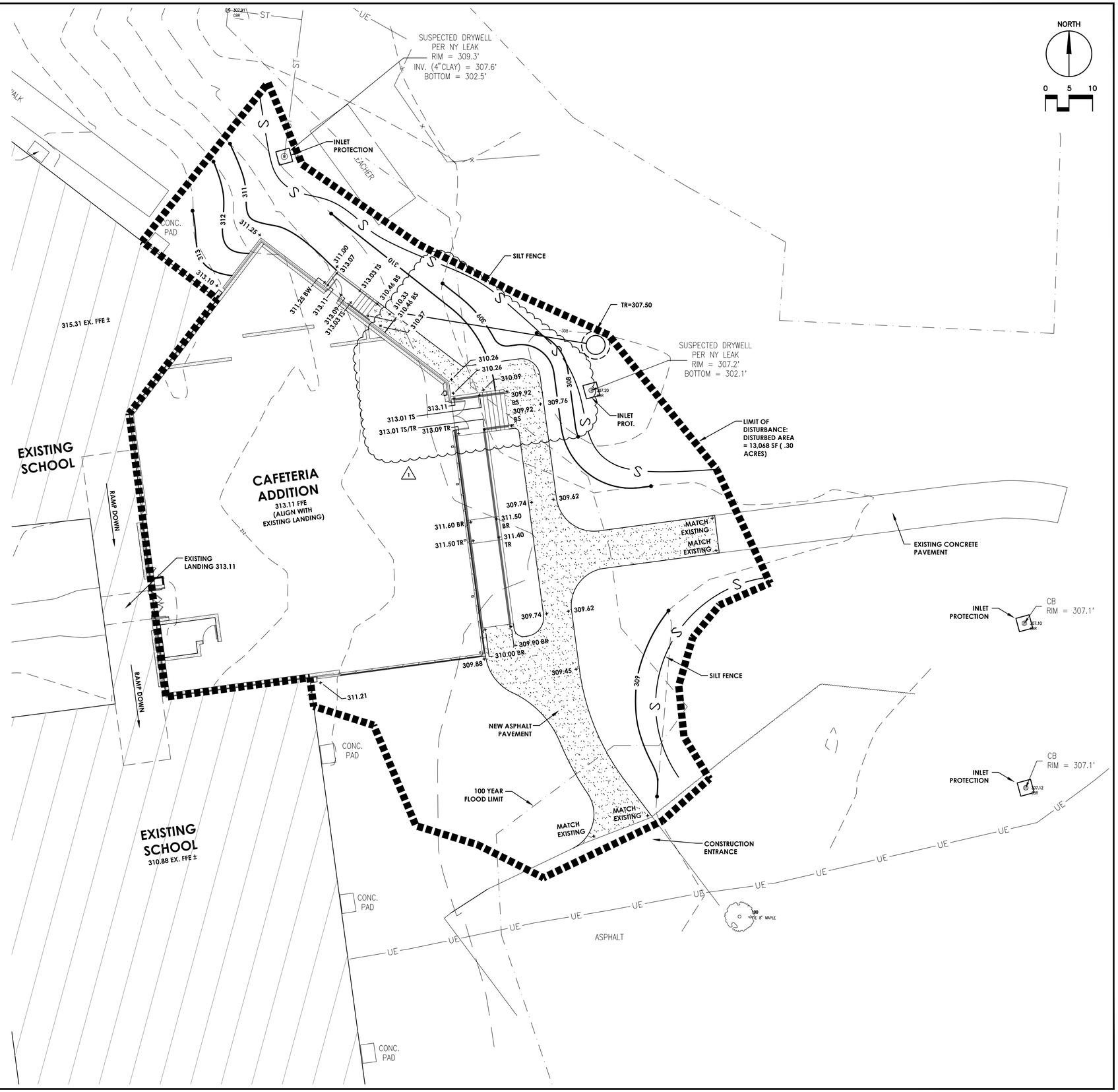
EES
C200
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM BEING ALTERED THE SEAL OF THE ALTERING ARCHITECT, ENGINEER OR LAND SURVEYOR AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\Civil\C2\Ellenville CSD RHW2 2 7 22 revision.dwg
Date last accessed: 2/7/2022 9:12 AM
Date last plotted: 2/7/2022 9:14 AM
Plotted By: Richard Waite

EROSION CONTROL NOTES

1. SEDIMENT FROM THE SITE SHALL BE PREVENTED FROM DISCHARGING TO ANY SURFACE WATER OR STORMWATER PIPING SYSTEM BY THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.
2. CONTRACTOR SHALL APPOINT A PERSON TO BE RESPONSIBLE FOR ALL EROSION AND SEDIMENT CONTROL MEASURES. THIS PERSON SHALL BE TRAINED IN ACCORDANCE WITH NYSDEC REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL ACTIVITIES.
3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE ACCORDANCE WITH DETAIL. COORDINATE LOCATION WITH OWNER PRIOR TO ANY ON-SITE ACTIVITIES.
4. PROVIDE AND MAINTAIN INLET PROTECTION ON ALL EXISTING AND NEW CATCH BASINS, MANHOLES AND INLETS UNTIL DRAINAGE AREAS ARE STABILIZED.
5. PROVIDE AND MAINTAIN SILT FENCE AROUND PERIMETER OF ALL WORK AREAS, EXCAVATED SOIL STOCKPILES, AND BETWEEN DISTURBED AREAS AND DRAINAGE WAYS OR WATER BODIES. COORDINATE LOCATIONS WITH OWNER AS WORK PROGRESSES AND AREAS ARE STABILIZED. SILT FENCE TO BE INSTALLED AND ENTRENCHED (MIN 6" BELOW GROUND ELEVATION). SILT SOCK MAY USED ON PAVED OR GRAVEL AREAS.
6. ALL EXPOSED SUBGRADE AREAS INTENDED FOR PAVEMENT SHALL BE STABILIZED WITH SUBBASE STONE WITHIN THREE (3) DAYS OF EXCAVATION / PAVEMENT REMOVALS.
7. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY SOIL DISTURBANCE ACTIVITIES, INCLUDING GRADING OR FILLING OPERATIONS AND INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
8. CONTRACTOR SHALL MAINTAIN EROSION CONTROL MEASURES AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED.
9. ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE MAINTAINED AT ALL TIMES UNTIL CONSTRUCTION IS COMPLETED AND THE WORK AREAS ARE STABILIZED.
10. CONSTRUCT TEMPORARY SILT FENCING ALONG BOTTOM EDGE OF ALL SLOPES AND/OR AS SHOWN, AS DESIGNATED, OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
11. CONSTRUCT TEMPORARY STONE CHECK DAMS ALONG DITCH LINES AS SPECIFIED AND/OR AS SHOWN, AS DESIGNATED, OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
12. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSPECTED AND MAINTAINED WEEKLY. CONTRACTOR SHALL KEEP ON FILE A RECORD OF THE REQUIRED INSPECTION REPORTS.
13. ALL DISTURBED AREAS,EXPOSED SLOPES AND SLOPES SHALL BE VEGETATED (TEMPORARY SEEDED) WITHIN 14 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING.
14. JUTE MESH OR OTHER STABILIZATION FABRIC SHALL BE APPLIED TO ANY SLOPES SLOPES GREATER THAN 1V:4H IMMEDIATELY UPON COMPLETION OF GRADING ACTIVITIES. MESH OR OTHER MEASURE SHALL BE ADEQUATELY SECURED.
15. TEMPORARY SEEDING SHALL BE SEEDED RYE GRASS AT A RATE OF FIVE (5) LBS PER 1,000 SQUARE FEET OF AREA. CONTINUALLY REAPPLY TEMPORARY SEEDING AT FIRST SIGN OF EROSION OR DETERIORATION OF THE SURFACE GRADE.
16. PERMANENT GROUND COVER SHALL BE INSTALLED ON ALL DISTURBED AREAS WITHIN 5 WORKING DAYS FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
17. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED COMPLETELY UPON FINAL STABILIZATION. COORDINATE TIMING OF REMOVAL WITH OWNER'S REPRESENTATIVE.
18. CONTRACTOR SHALL FLUSH CLEAN ALL EXISTING AND NEW STORM PIPING WITHIN PROJECT LIMITS AFTER FINAL STABILIZATION IS COMPLETE.
19. WALKWAYS TO BE KEPT FREE AND CLEAR OR DEBRIS, REFUSE AND SILT AT ALL TIMES.
20. DEBRIS, VEGETATION AND OTHER SPOILS REMOVED AS PART OF THE CONSTRUCTION ACTIVITIES SHALL BE DISPOSED OF AT UPLAND LOCATIONS ABOVE THE REACH OF HIGH WATER. SEDIMENT DISPOSAL IN WATER BODY, WETLANDS, FLOODWAYS OR THE 100-YEAR FLOODPLAIN IS STRICTLY PROHIBITED.
21. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO ANY WETLANDS OR WATERS OF NEW YORK STATE, NOR SHALL WASHINGS FROM READY-MIX CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLAND OR WATERS. ONLY WATERTIGHT OR WATERPROOF FORMS SHALL BE USED. WET CONCRETE SHALL NOT BE POURED TO DISPLACE WATER WITHIN THE FORMS.
22. CONTRACTOR TO CONSTRUCT A TEMPORARY CONCRETE WASHOUT AREA ADJACENT TO EACH WORK AREA ENTRANCE.
23. THE CONTROL OF DUST ORIGINATING FROM THE CONSTRUCTION OPERATIONS IS CONSIDERED A CRITICAL RESPONSIBILITY OF THE CONTRACTOR. THE OWNER'S REPRESENTATIVE WILL BE THE FINAL JUDGE OF THE ADEQUACY OF THE CONTRACTOR'S DUST CONTROL EFFORTS. WORK MAY BE SUSPENDED BY THE OWNER'S REPRESENTATIVE UNTIL ADEQUATE DUST CONTROL IS ATTAINED.
24. CONTRACTOR SHALL NOT HAVE MORE THAN FIVE (5) ACRES OF SOIL DISTURBANCE OR UNSTABILIZED AREAS AT ONE TIME.



CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	2.7.22	RHW	WALKWAY EXTENDED AT KITCHEN STAFF EXIT

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	RHW	JB

SCALE 1"=10'

SHEET TITLE
GRADING AND EROSION CONTROL PLAN

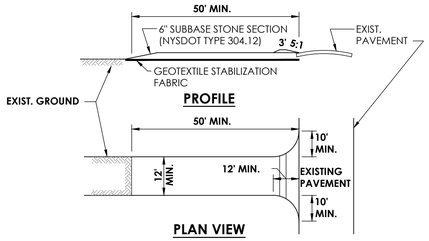
PROJECT NUMBER
14426.04

EES
C300
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY A DRAWING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR AND THE SPECIFIC DESCRIPTION OF THE ALTERATION.

Plotted By: Richard Waite
Date last plotted: 2/7/2022 9:15 AM
Date last accessed: 2/7/2022 9:12 AM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\Civil\C2\Ellenville CSD RHW2 2 7 22 revision.dwg

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\Civil\C2\Ellenville CSD RHW2.dwg
Date last accessed: 3/30/2021 4:11 PM
Date last plotted: 3/30/2021 4:15 PM
Plotted By: Richard Waite

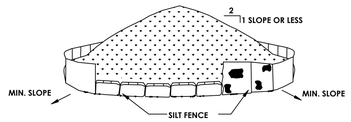


CONSTRUCTION SPECIFICATIONS

1. SUBBASE STONE, OR RECLAIMED / RECYCLED CONCRETE EQUIVALENT IS PERMITTED
2. LENGTH - NOT LESS THAN 50 FEET
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NO LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE/DRIVEWAY

N.T.S.



SPECIFICATION AND INSTALLATION NOTES:

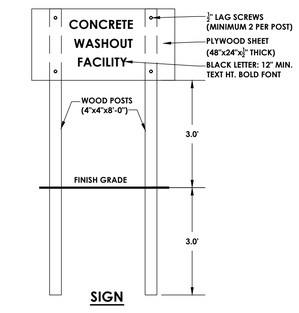
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR HAY BALES AND STABILIZED WITH VEGETATION OR COVERED.
4. SEE SPECIFICATIONS ON INSTALLATION OF SILT FENCE.

INSPECTION & MAINTENANCE NOTES:

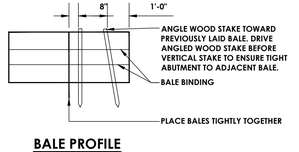
1. SOIL AND TOPSOIL STOCKPILE SHOULD BE SEEDED IF THEY ARE TO REMAIN DORMANT FOR 30 DAYS.
2. SEE SILT FENCE DETAIL FOR MAINTENANCE AND INSPECTIONS.

SOIL STOCKPILE

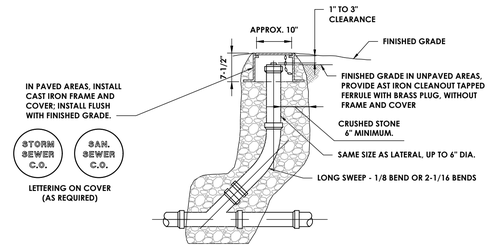
N.T.S.



SIGN

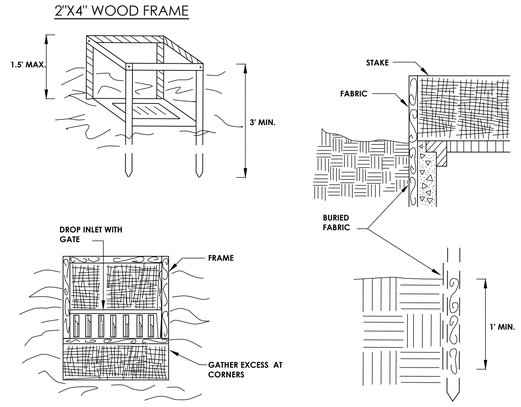


BALE PROFILE



SEWER CLEAN-OUT

N.T.S.



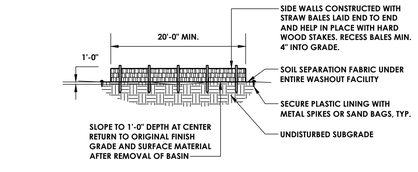
CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

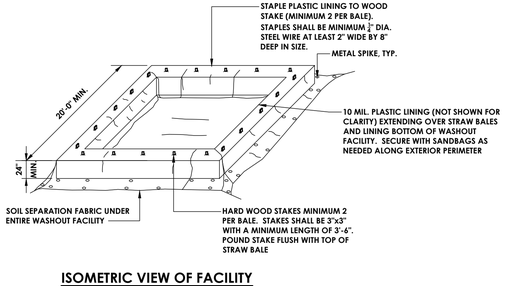
*MAXIMUM DRAINAGE AREA 1 ACRE

FILTER FABRIC DROP INLET PROTECTION

N.T.S



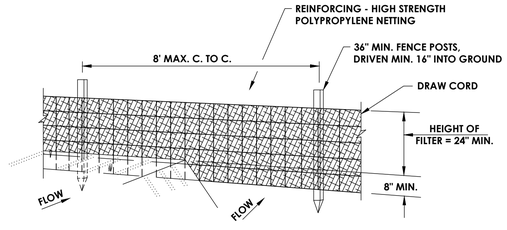
PROFILE OF FACILITY



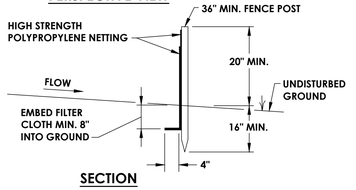
ISOMETRIC VIEW OF FACILITY

CONCRETE TRUCK WASHOUT

N.T.S.



PERSPECTIVE VIEW



SECTION

CONSTRUCTION NOTES FOR FABICATED SILT FENCE

1. SILT FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO POLYPROPYLENE NETTING WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. NETTING MAY BE INCORPORATED INTO FILTER CLOTH.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD.

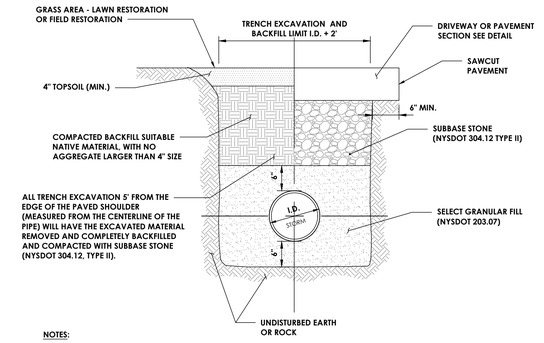
FENCE: HIGH STRENGTH POLYPROPYLENE NETTING

FILTER CLOTH: MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL

PREFABICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

SILT FENCE DETAIL

N.T.S.

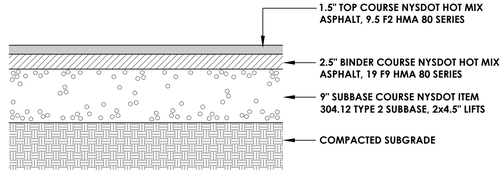


NOTES:

1. CONTRACTOR TO PROVIDE SAFE EXCAVATION: SLOPE TRENCH WALLS, USE TRENCH BOX, OR SHEETING & BRACING PER OSHA SPECIFICATIONS. TRENCH BOX OR SHEETING AND BRACING TO BE LIFTED ABOVE THE SPRING LINE OR PIPE BEFORE BACKFILLING ABOVE SPRING LINE.
2. PAVEMENT BACKFILL AND RESTORATION REQUIREMENTS SHALL APPLY TO WORK PERFORMED UNDER PROPOSED ROADWAYS.
3. ALL WORK FOR STORM SEWER TRENCHING SHALL BE INCLUDED. THIS WORK INCLUDES, BUT IS NOT LIMITED TO TRENCHING, EXCAVATION AND ALL BACKFILL. NO ADDITIONAL PAYMENTS WILL BE MADE FOR BACKFILL.

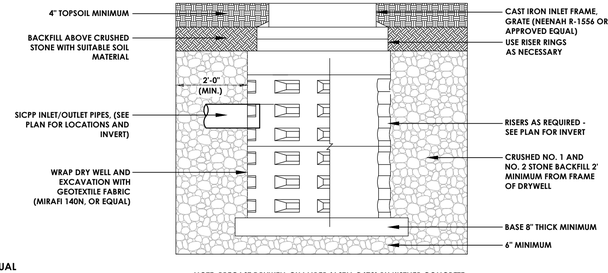
STORM SEWER TRENCH

N.T.S.



STANDARD DUTY ASPHALT PAVEMENT SECTION

N.T.S.



NOTE: PRECAST DRYWELL CHAMBER (ASTM C478) BY KISTNER CONCRETE PRODUCTS OR APPROVED EQUAL. DESIGN LOADING: HS-20-44, CONCRETE 4000 PSI MIN.

PRECAST DRYWELL

N.T.S.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	RHW	JB

SCALE AS NOTED

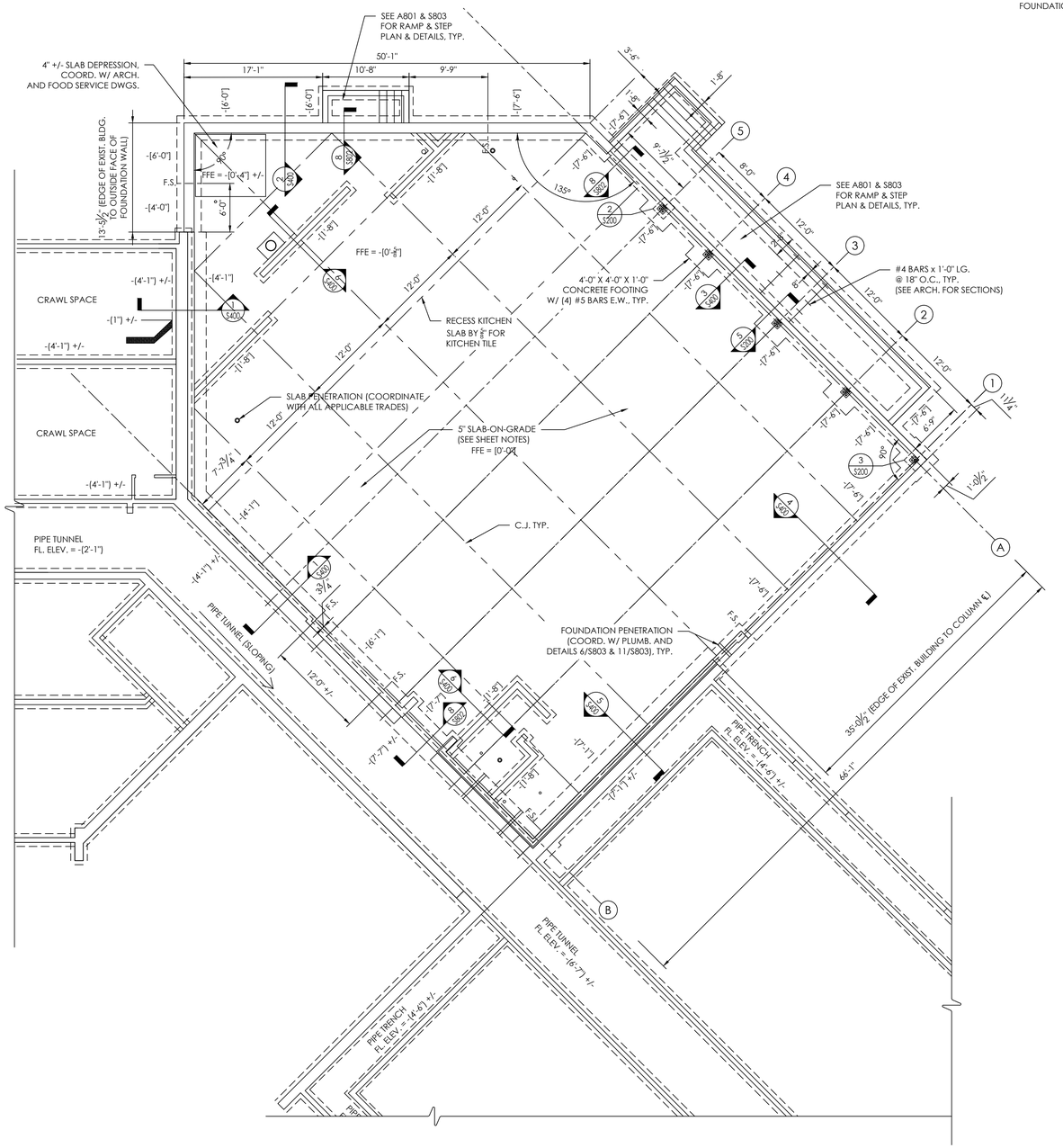
SHEET TITLE
DETAILS

PROJECT NUMBER
14426.04

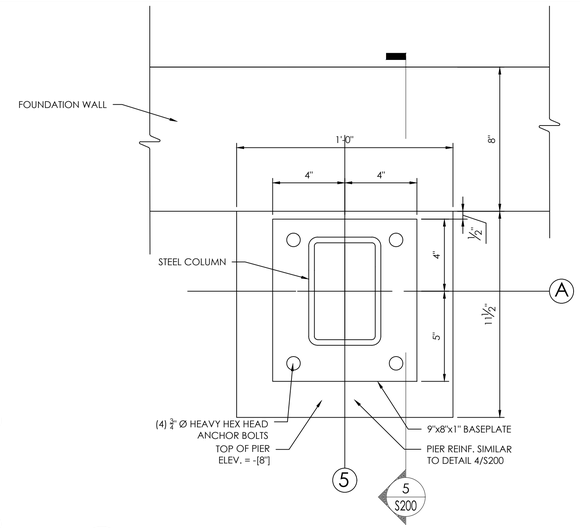
EES
C600
DRAWING NUMBER

STATE OF NEW YORK
JAMES BARLOW
050472
LICENSED PROFESSIONAL ENGINEER

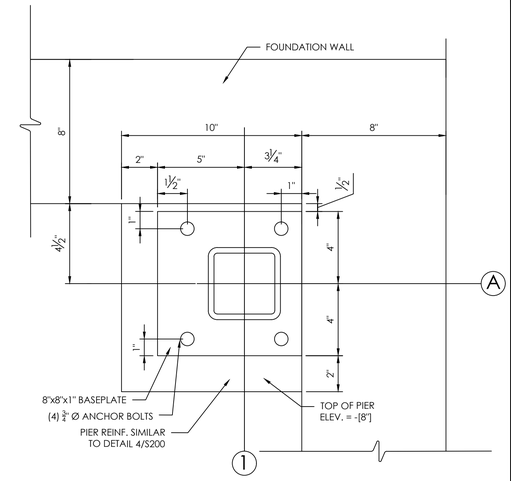
THE REPRODUCTION OF THESE PLANS AND SPECIFICATIONS WITHOUT THE PERMISSION OF THE ARCHITECT AND ENGINEER OF RECORD IS PROHIBITED BY LAW. ANY UNAUTHORIZED USE OF THESE PLANS AND SPECIFICATIONS SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO THE ARCHITECT AND ENGINEER OF RECORD. ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHT, ARE HEREBY EXPRESSLY RESERVED BY THE ARCHITECT AND ENGINEER OF RECORD. ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY THE ARCHITECT AND ENGINEER OF RECORD ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND ENGINEER OF RECORD. THEY ARE TO BE USED ONLY WITH RESPECT TO THIS PROJECT AND SHALL NOT BE USED ON ANY OTHER PROJECT. WITH THE EXCEPTION OF ONE SET FOR EACH CONTRACT, ON LOAN TO THE OWNER FOR BIDDING AND CONSTRUCTION PURPOSES, ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF SHALL BE RETURNED TO THE ARCHITECT AND ENGINEER OF RECORD ON DEMAND. ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF NOT RETURNED ON DEMAND SHALL BE DEEMED TO HAVE BEEN DESTROYED. THE ARCHITECT AND ENGINEER OF RECORD SHALL BE COMPENSATED FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE CAUSED BY ANY UNAUTHORIZED USE OF THESE PLANS AND SPECIFICATIONS. THE OWNER AGREES TO INDEMNIFY AND HOLD HARMLESS THE ARCHITECT AND ENGINEER OF RECORD FROM ANY AND ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES, ARISING OUT OF OR RESULTING FROM ANY UNAUTHORIZED USE OF THESE PLANS AND SPECIFICATIONS.



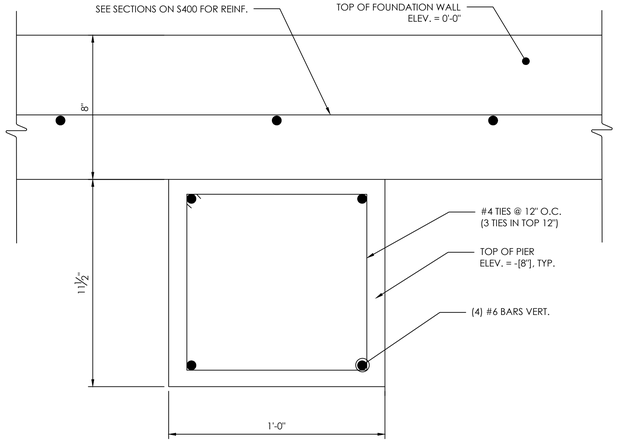
1 S200 NEW WORK FOUNDATION PLAN: CAFETERIA ADDITION
SCALE: 1/8" = 1'-0"



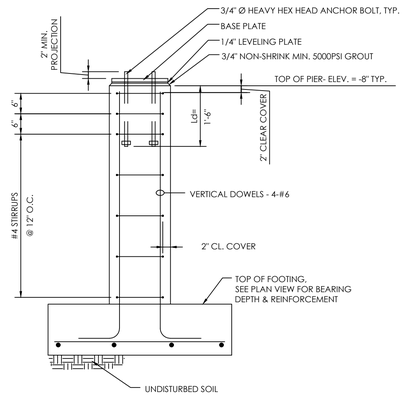
2 S200 BASEPLATE ENLARGED PLAN - COLUMNS A2, A3, A4, A5
SCALE: 3" = 1'-0"



3 S200 BASEPLATE ENLARGED PLAN - COLUMN A-1
SCALE: 3" = 1'-0"



4 S200 PIER ENLARGED PLAN - COLS A2, A3, A4, A5
SCALE: 3" = 1'-0"



5 S200 TYPICAL PIER
NOT TO SCALE

FOUNDATION AND SLAB PLAN NOTES

1. DATUM 0'-0" = ELEVATION 313.11' = FINISHED FLOOR ELEVATION.
2. FOUNDATION DESIGN(S) IS BASED ON THE GEOTECHNICAL REPORT BY QUALITY GEO ENGINEERING, P.C., DATED JUNE 22, 2020. THE CONTRACTOR SHALL REVIEW THE RECOMMENDATIONS AND REQUIREMENTS INCLUDED THEREIN PRIOR TO START OF CONSTRUCTION.
3. DESIGN ALLOWABLE SOIL BEARING CAPACITY IS 3,500 PSF PER GEOTECHNICAL REPORT.
4. EXTERIOR FOOTING SHALL BEAR AT A MINIMUM OF 4'-0" BELOW FINISHED GRADE UNLESS NOTED OTHERWISE.
5. TOP OF INTERIOR FOOTINGS SHALL BE AT [-8"] BELOW FINISHED FLOOR UNLESS NOTED OTHERWISE. TOP OF PIERS/FOOTINGS OF COLUMNS/WALLS SUPPORTING A ROOF DRAIN LEADER SHALL BE RECESSED FROM FINISHED FLOOR BY A MINIMUM OF 12-INCHES. FOR CONTINUOUS WALL FOOTINGS, THE ABOVE CITED RECESS SHALL BE MINIMUM 2'-0" WIDE. MAINTAIN REQUIRED FOOTING THICKNESS AT ALL TIMES. CONTRACTOR TO COORDINATE DRAIN LOCATIONS AND ELEVATIONS WITH FOUNDATION ELEMENTS AND NOTIFY ARCHITECT AND ENGINEER IF ANY CONFLICTS EXIST.
6. [XX'-XX"] DENOTES BOTTOM OF PROPOSED FOOTING AS REFERENCED FROM FINISHED FLOOR SLAB.
7. [XX'-XX"] DENOTES BOTTOM OF EXISTING FOOTING AS REFERENCED FROM FINISHED FLOOR ELEVATION OF NEW ADDITION, WHERE NEW FOOTING ABUTS EXISTING, MATCH BEARING ELEVATION OF EXISTING.
8. NO PIPES OR CONDUIT SHALL BE PLACED IN THE FOOTINGS. REFER TO PLUMBING AND ELECTRICAL DRAWINGS, AND UTILITY PLANS FOR ALL LOCATIONS AND ELEVATIONS OF PENETRATIONS THROUGH FOUNDATION WALLS. DO NOT EMBED PIPING WITHIN OR PASS PIPING VERTICALLY OR HORIZONTALLY THROUGH FOUNDATIONS WITHOUT REVIEW AND APPROVAL BY THE ENGINEER. STEP TOP OF FOOTINGS DOWN TO ALLOW PIPES OR CONDUIT TO RUN OVER TOP OF FOOTINGS.
9. FOOTINGS SHALL BE CENTERED ABOUT COLUMN LINES AND FOUNDATION WALLS UNLESS NOTED OTHERWISE.
10. CONCRETE SLAB-ON-GRADE SHALL BE 5" THICK, NORMAL WEIGHT CONCRETE WITH REINFORCING OVER A VAPOR BARRIER AND 6" COMPACTED CRUSHED STONE, UNLESS NOTED OTHERWISE.
11. GROUT ALL MASONRY BLOCK CORES SOLID CONTINUOUSLY BELOW FINISHED FLOOR, AND THE FIRST TWO COURSES ABOVE FOUNDATION WALL AND SLABS.
12. CMU WALLS PER TYPICAL DETAILS. REFER TO ARCHITECTURAL DRAWINGS FOR CMU WALL LOCATIONS AND SIZES.
13. REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR FINISHES, FLOOR DRAINS, SLOPES, DEPRESSED/RAISED SLAB AREAS, AND WATERPROOFING.
14. ALL STEEL COLUMNS AND ASSOCIATED ELEMENTS BELOW GRADE SHALL BE TWICE COATED WITH A BITUMINOUS COATING.
15. REFER TO DRAWING S800 FOR ALL DESIGN LOADS AND OTHER INFORMATION PERTINENT TO THE STRUCTURAL DESIGN.
16. THE FOLLOWING DENOTES SYMBOL REPRESENTATION:
    F.S. = FOOTING STEP, COORDINATE WITH GRADING PLANS
    F-xx = SPREAD FOOTING MARKS
    FD = FLOOR DRAIN
    CJ = SLAB CONTROL JOINTS
    TS = THICKENED SLAB

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION
1	12/29/21	SAW	SED ADDENDUM 01

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES; SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	SAW	JPR

SCALE: AS NOTED

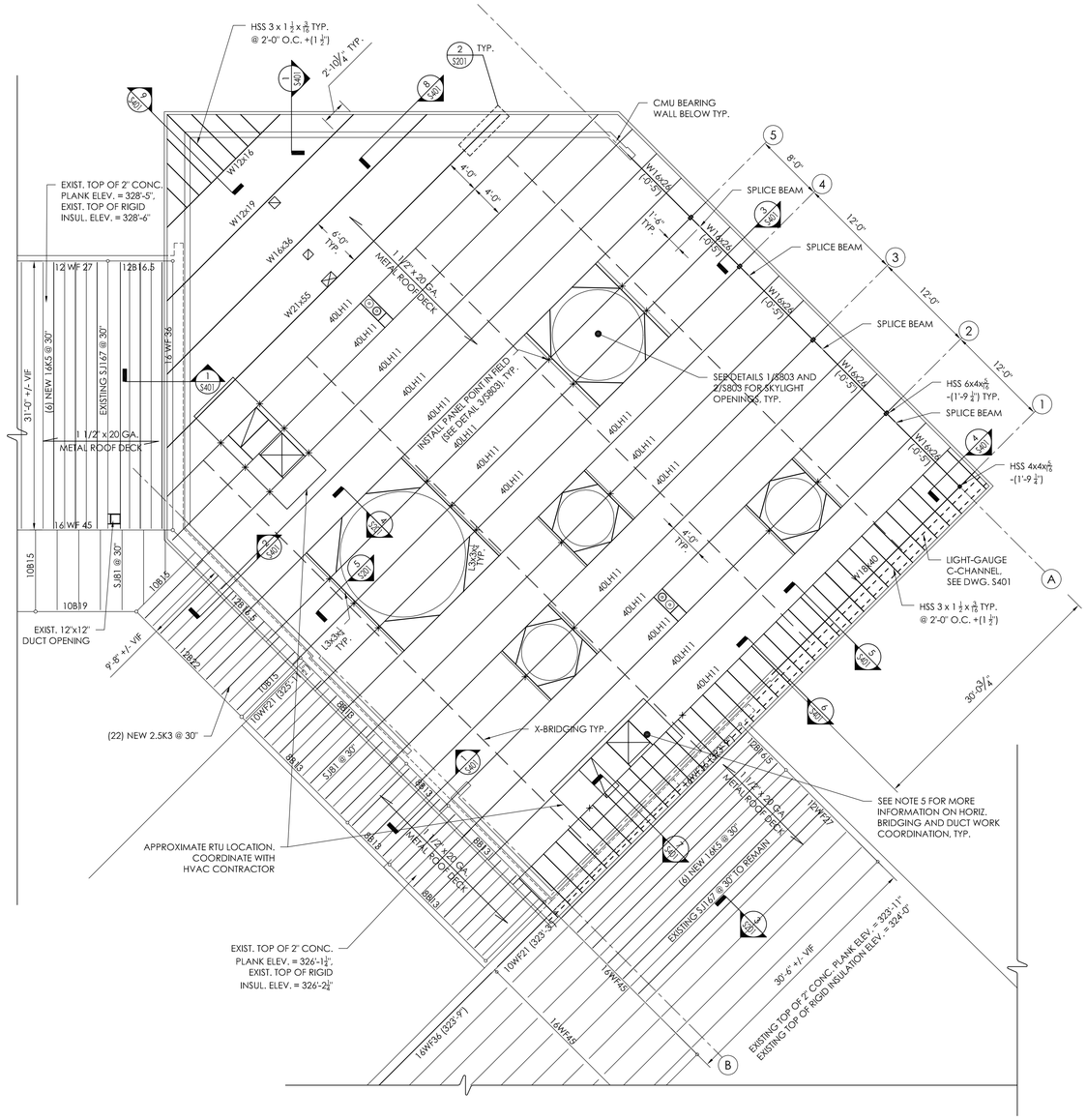
SHEET TITLE
FOUNDATION PLAN

PROJECT NUMBER
14426.04

EES
S200
DRAWING NUMBER

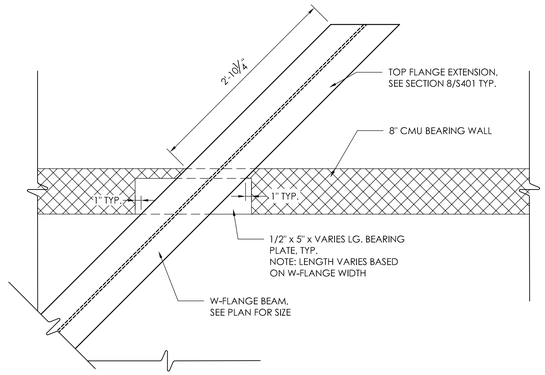
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATION FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\STRUCT\S2\S200 - ES STRUCTURAL PLAN VIEWS.dwg
Date last accessed: 3/21/2022 11:30 AM
Date last plotted: 7/1/2022 3:27 PM
Plotted By: Mark Johnson

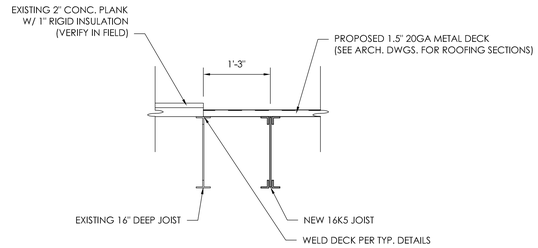


N

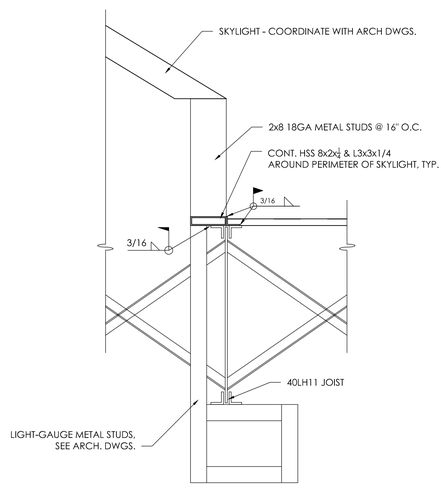
1 S201 NEW WORK FRAMING PLAN: CAFETERIA ADDITION
SCALE: 1/8" = 1'-0"



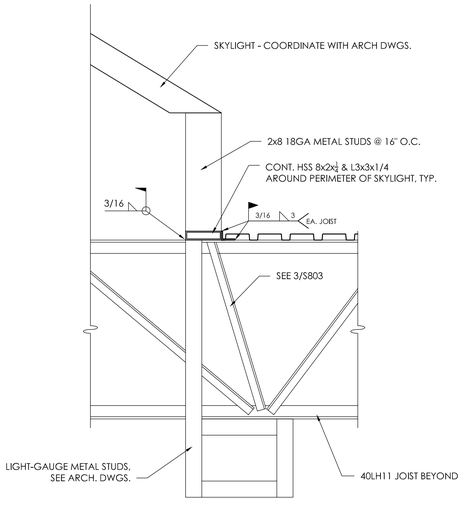
2 S201 BASEPLATE ENLARGED PLAN
SCALE: 3" = 1'-0"



3 S201 SECTION
SCALE: 3/4" = 1'-0"



4 S201 SECTION
SCALE: 3/4" = 1'-0"



5 S201 SECTION
SCALE: 3/4" = 1'-0"

ROOF FRAMING NOTES

1. TOP OF STEEL/BOTTOM OF DECK ELEVATION 17" - 4 ½" ABOVE FINISH FLOOR ELEVATION, UNLESS NOTED OTHERWISE BY (+ OR -), WHICH IS TO BE TAKEN FROM 17"-4 ½".
2. METAL ROOF DECK SHALL BE 20 GAGE, 1 1/2" WIDE RIB, UNLESS NOTED OTHERWISE.
3. ROOFTOP UNIT WEIGHTS IF SHOWN SHALL BE VERIFIED WITH MANUFACTURER BY CONTRACTOR. CONTRACTOR TO NOTIFY ENGINEER PRIOR TO INSTALLING ROOFTOP UNITS IF UNIT OPERATING WEIGHT EXCEEDS VALUE LISTED ON PLAN.
4. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR PENETRATIONS NOT SHOWN. SEE TYPICAL DETAILS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS AT OPENINGS. CONTRACTOR TO COORDINATE AND WORK WITH ALL APPLICABLE TRADES.
5. PROVIDE JOIST BRIDGING PER THE REQUIREMENTS OF THE STEEL JOIST INSTITUTE. CONTRACTOR TO COORDINATE LOCATIONS OF REQUIRED HORIZONTAL BRIDGING WITH MECHANICAL DRAWINGS.
6. THE FOLLOWING DENOTE SYMBOL REPRESENTATION:
   [##] = SHEAR CONNECTORS
   ► = MOMENT CONNECTION
   ## K = BEAM END SHEAR REACTION
   ## K-FT = BEAM END MOMENT REACTION

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK · JOSEPH P. RAPISH · 073867 · LICENSED PROFESSIONAL ENGINEER

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	SAW	JPR

SCALE: AS NOTED

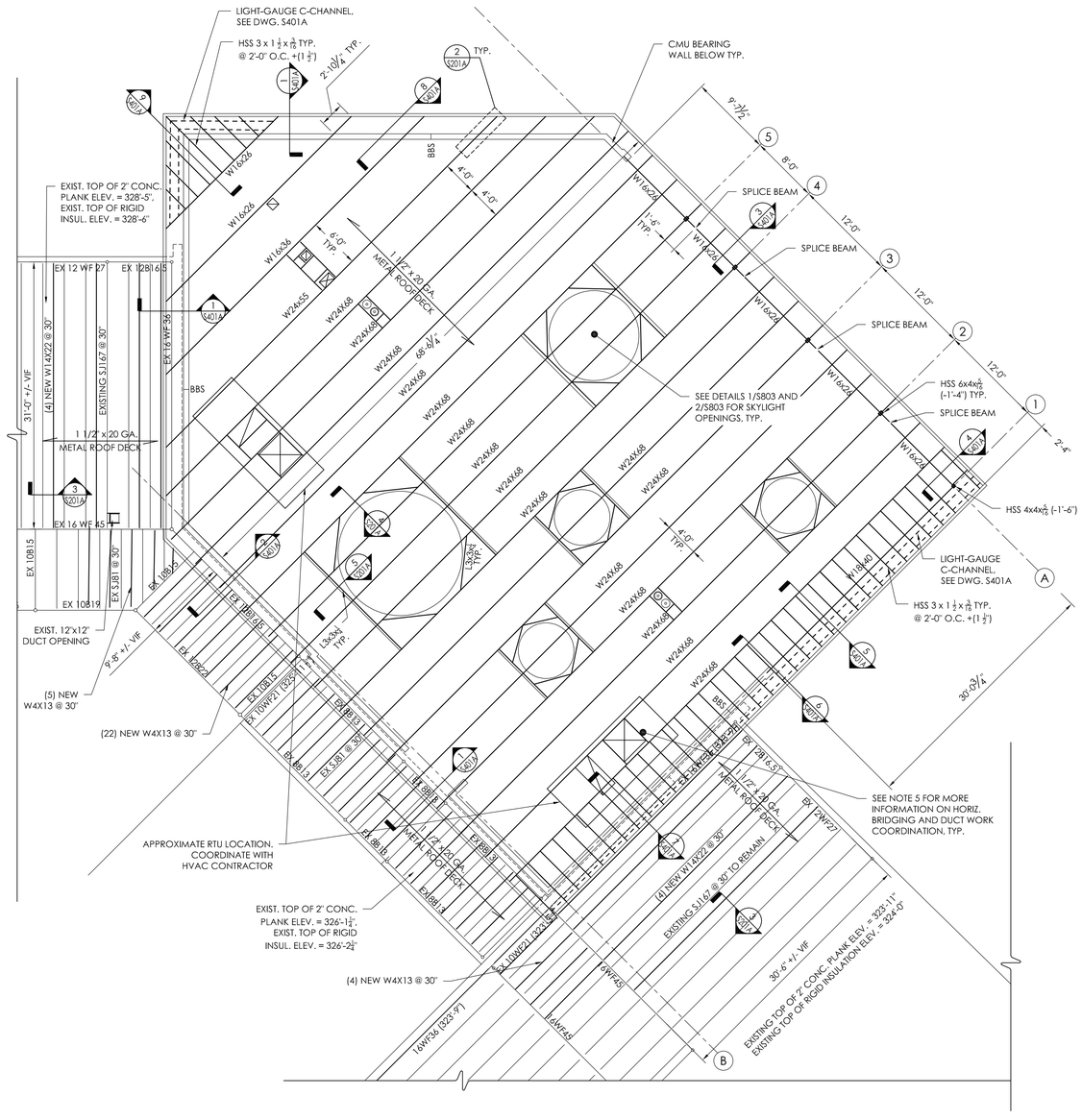
SHEET TITLE: FRAMING PLAN

PROJECT NUMBER: 14426.04

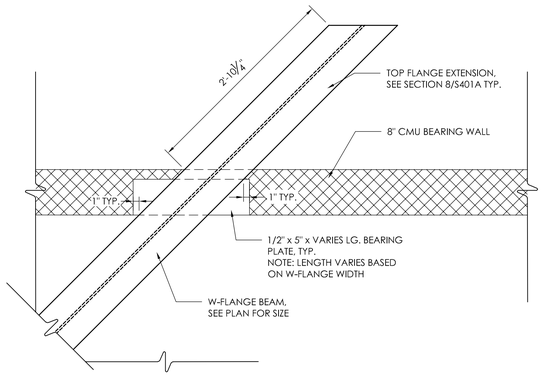
EES S201 DRAWING NUMBER

THESE DRAWINGS AND SPECIFICATIONS ARE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING. THEY ARE NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CPL ARCHITECTURE ENGINEERING PLANNING. VISUAL CONTACT WITH THESE DRAWINGS AND SPECIFICATIONS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS. © COPYRIGHT CPL ARCHITECTURE ENGINEERING PLANNING

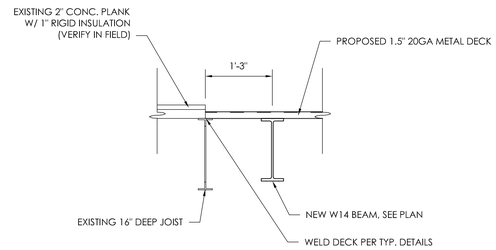
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Re\D Design\06 CAD\AutoCAD\STRUCT\S2\S200 - ES STRUCTURAL PLAN VIEWS.dwg
Date last accessed: 3/11/2021 3:09 PM
Date last plotted: 3/31/2021 8:15 AM
Plotted By: Seth Whitlinger



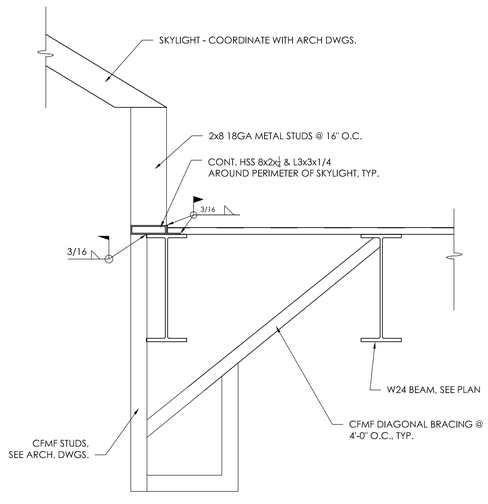
1 S201A NEW WORK FRAMING PLAN: CAFETERIA ADDITION
SCALE: 1/8" = 1'-0"



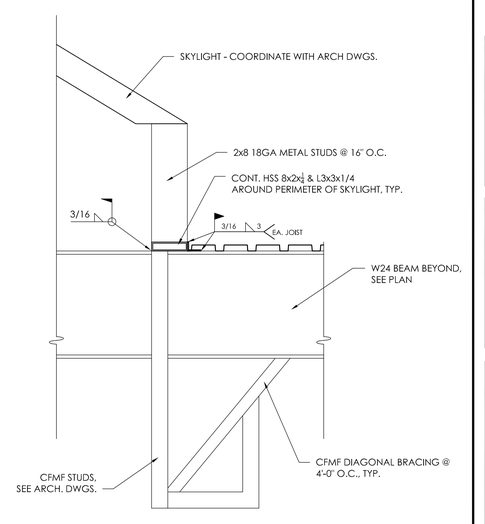
2 S201A BASEPLATE ENLARGED PLAN
SCALE: 3" = 1'-0"



3 S201A SECTION
SCALE: 3/4" = 1'-0"



4 S201A SECTION
SCALE: 3/4" = 1'-0"



5 S201A SECTION
SCALE: 3/4" = 1'-0"

ROOF FRAMING NOTES

1. DATUM = 0'-0" = ELEVATION 313.11' = FINISHED FLOOR.
2. TOP OF STEEL/BOTTOM OF DECK ELEVATION 17" - 4 1/2" ABOVE FINISH FLOOR ELEVATION, UNLESS NOTED OTHERWISE BY (+ OR -), WHICH IS TO BE TAKEN FROM 17'-4 1/2".
3. METAL ROOF DECK SHALL BE 20 GAGE, 1 1/2" WIDE RIB, UNLESS NOTED OTHERWISE.
4. ROOFTOP UNIT WEIGHTS IF SHOWN SHALL BE VERIFIED WITH MANUFACTURER BY CONTRACTOR. CONTRACTOR TO NOTIFY ENGINEER PRIOR TO INSTALLING ROOFTOP UNITS IF UNIT OPERATING WEIGHT EXCEEDS VALUE LISTED ON PLAN.
5. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR PENETRATIONS NOT SHOWN. SEE TYPICAL DETAILS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS AT OPENINGS. CONTRACTOR TO COORDINATE AND WORK WITH ALL APPLICABLE TRADES.
6. THE FOLLOWING DENOTE SYMBOL REPRESENTATION:

[##]	= SHEAR CONNECTORS
►	= MOMENT CONNECTION
## K	= BEAM END SHEAR REACTION
## K-FT	= BEAM END MOMENT REACTION
BBS	= BOND BEAM STEP

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK — JOSEPH P. RAISCH — 073867 — LICENSED PROFESSIONAL ENGINEER

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES; SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
04/14/2022	SAW	JPR

SCALE AS NOTED

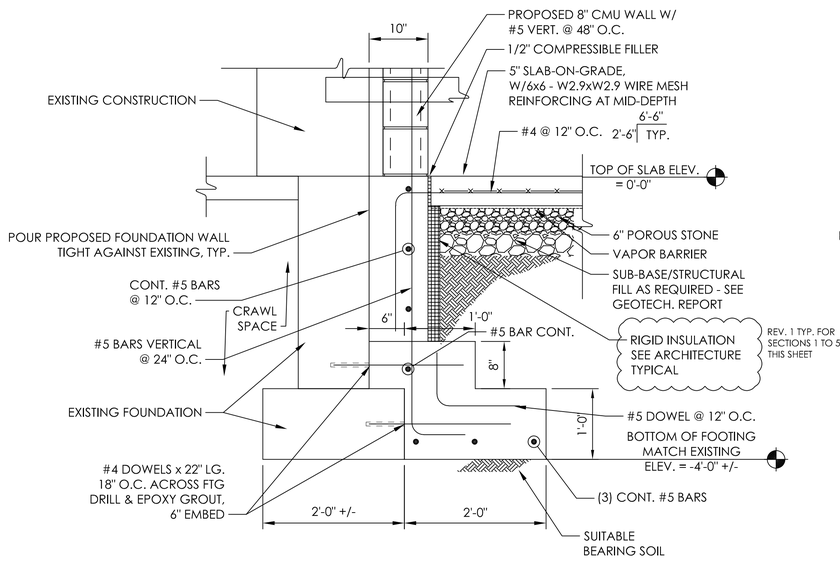
SHEET TITLE
FRAMING PLAN - BEAM ALTERNATE

PROJECT NUMBER
14426.04

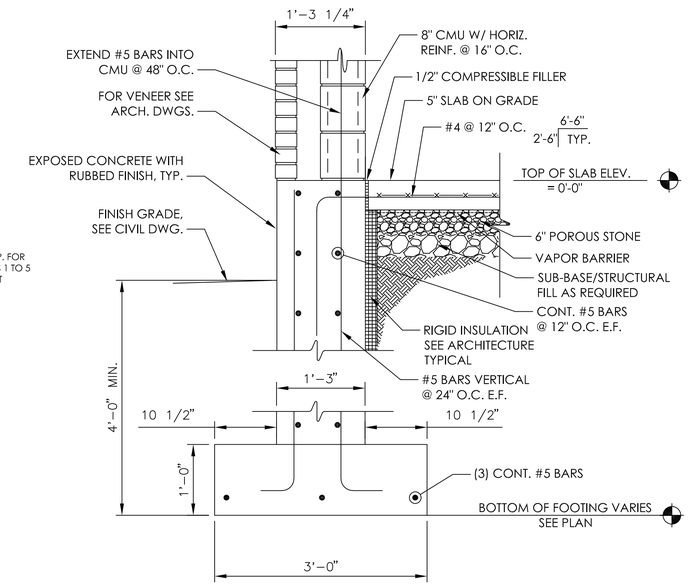
EES
S201A
DRAWING NUMBER

THESE DRAWINGS AND SPECIFICATIONS ARE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING AND ARE NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CPL ARCHITECTURE ENGINEERING PLANNING. ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHT, ARE HEREBY RESERVED BY CPL ARCHITECTURE ENGINEERING PLANNING. ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY CPL ARCHITECTURE ENGINEERING PLANNING ARE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING. THEY ARE TO BE USED ONLY WITH RESPECT TO THIS PROJECT AND SHALL NOT BE USED ON ANY OTHER PROJECT. NEITHER THE OWNER NOR ANY THIRD PARTY ON BEHALF OF THE OWNER SHALL BE AUTHORIZED TO, AND NO THIRD PARTY SHALL, REVISE THESE DRAWINGS AND SPECIFICATIONS FOR USE ON THIS OR ANY OTHER PROJECT, EXTEND THE USE OF THESE DRAWINGS AND SPECIFICATIONS TO ANY OTHER PROJECT OR ADD TO THIS PROJECT WITHOUT THE PRIOR WRITTEN AGREEMENT OF CPL ARCHITECTURE ENGINEERING PLANNING. ANY UNAUTHORIZED USE, REVISION, EXTENSION OR ADDITION SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO CPL ARCHITECTURE ENGINEERING PLANNING. THE USER SHALL INDEMNIFY AND HOLD HARMLESS CPL ARCHITECTURE ENGINEERING PLANNING FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM. ANY MODIFICATION BY THE USER OF THESE DRAWINGS AND SPECIFICATIONS, INCLUDING THE REMOVAL OF THE ARCHITECT'S SEAL AND/OR TITLE BLOCK, WILL BE CONSIDERED AS DESIGNATING THE USER AS THE RESPONSIBLE ARCHITECT, ENGINEER OR LAND SURVEYOR OF RECORD FOR THE DRAWINGS AND SPECIFICATIONS AND THE USER WILL ASSUME ALL RESPONSIBILITY AND LIABILITY RESULTING THEREFROM.

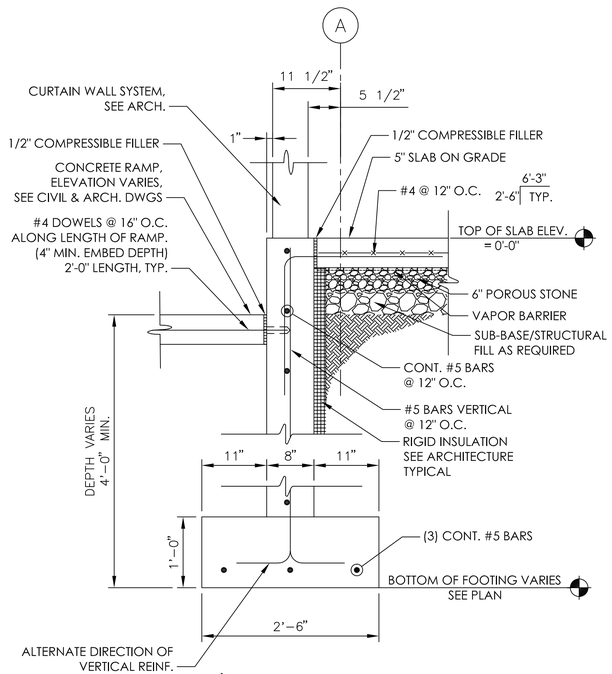
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\STRUCT\S2\ S200A - ES STRUCTURAL PLAN VIEWS.dwg
Date last accessed: 4/25/2022 12:45 PM
Date last plotted: 4/25/2022 12:46 PM
Plotted By: Seth Whitlinger



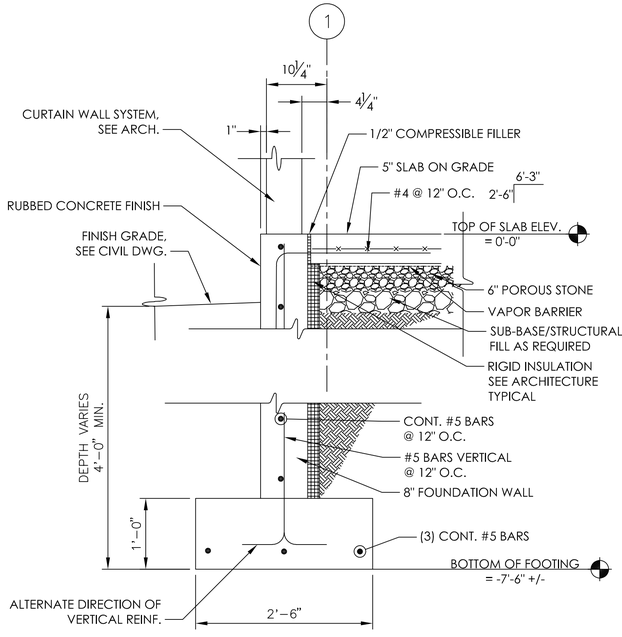
1 S400 SECTION
SCALE: 3/4" = 1'-0"



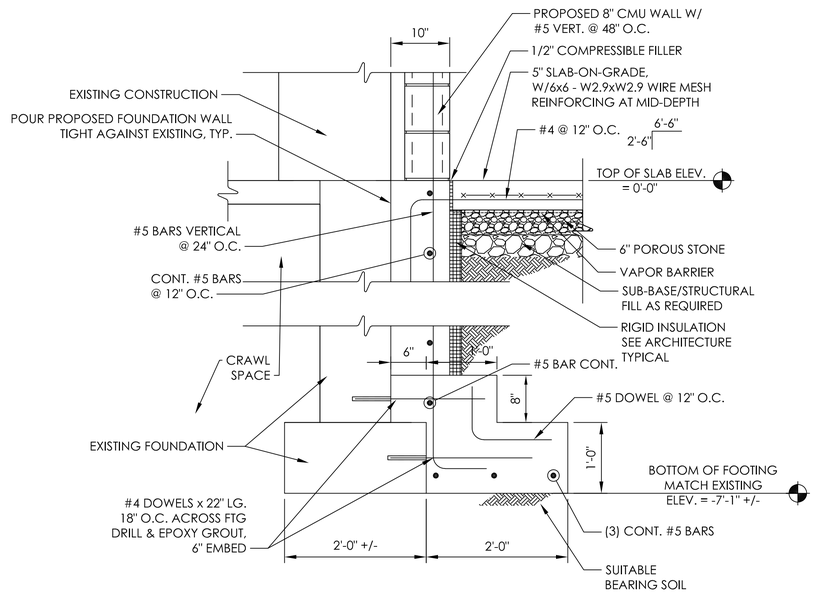
2 S400 SECTION
SCALE: 3/4" = 1'-0"



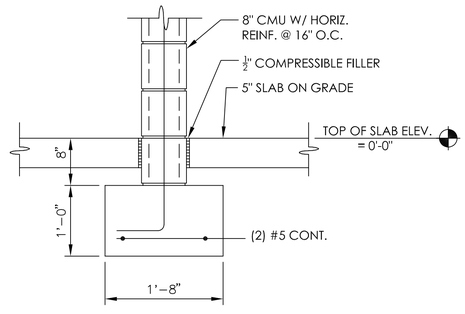
3 S400 SECTION
SCALE: 3/4" = 1'-0"



4 S400 SECTION
SCALE: 3/4" = 1'-0"



5 S400 SECTION
SCALE: 3/4" = 1'-0"



6 S400 SECTION
SCALE: N.T.S.

CPLteam.com
ARCHITECTURE • ENGINEERING • PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	12/29/21	SAW	SED ADDENDUM 01

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	SAW	JPR

SCALE AS NOTED

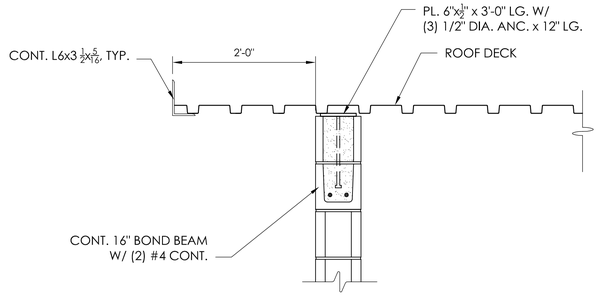
SHEET TITLE
FOUNDATION SECTIONS

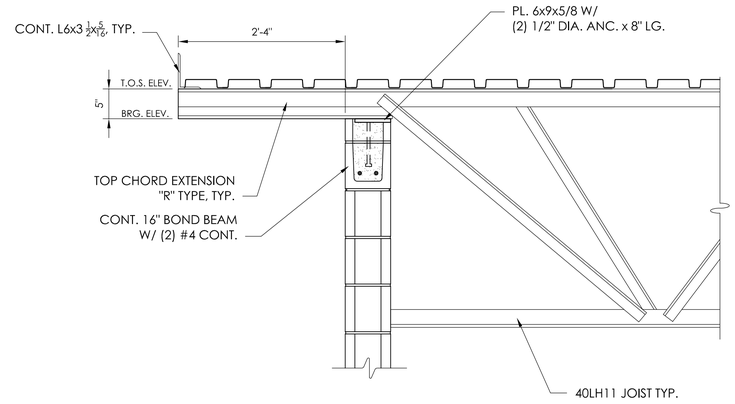
PROJECT NUMBER
14426.04

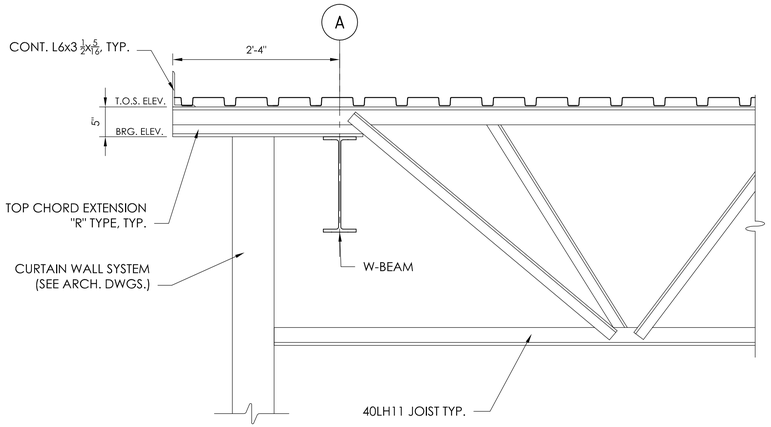
EES
S400
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

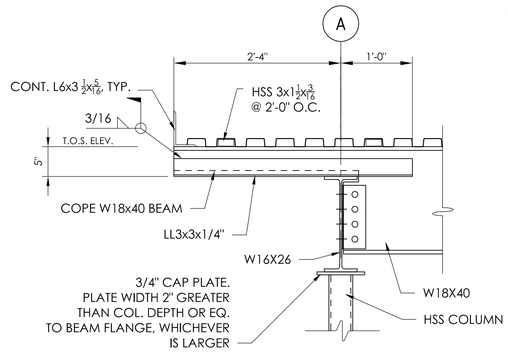
Plotted By: Mark Johnson
Date last plotted: 7/20/2022 11:32 AM
Date last accessed: 12/29/2021 9:20 AM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\STRUCT\S4\S400 - STRUCTURAL SECTIONS & DETAILS.dwg





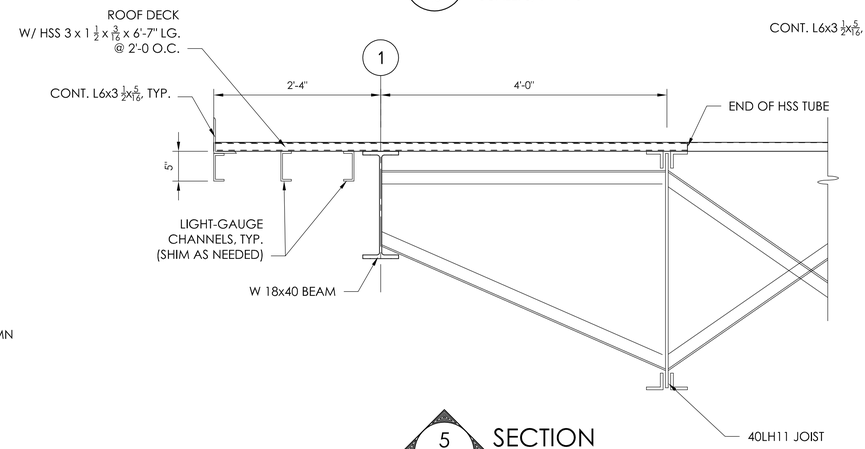


1 S401 SECTION
SCALE: 3/4" = 1'-0"



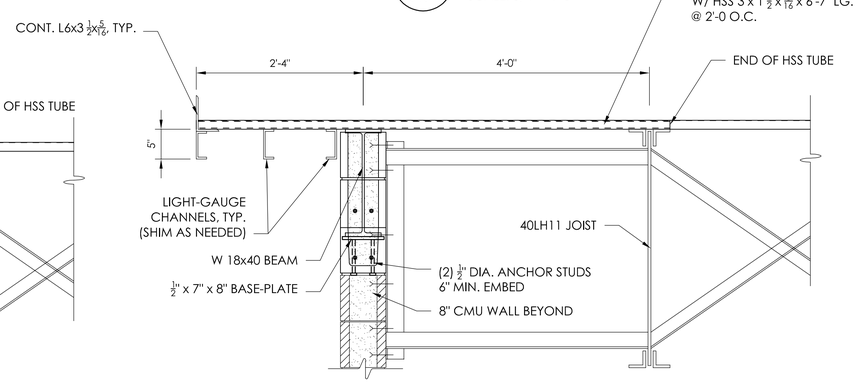
4 S401 SECTION
SCALE: 3/4" = 1'-0"

2 S401 SECTION
SCALE: 3/4" = 1'-0"

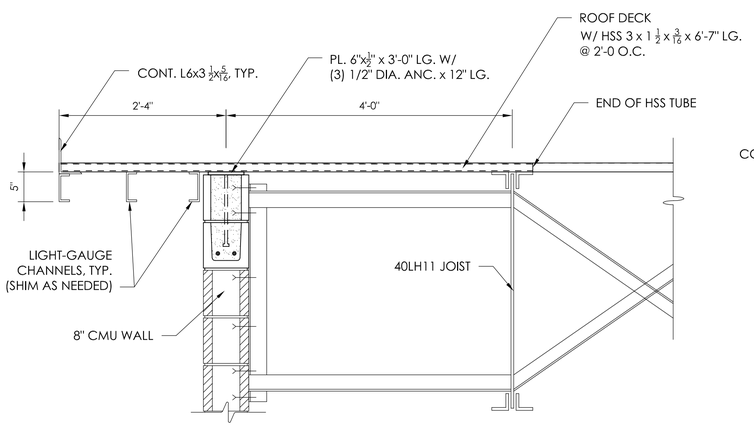


5 S401 SECTION
SCALE: 3/4" = 1'-0"

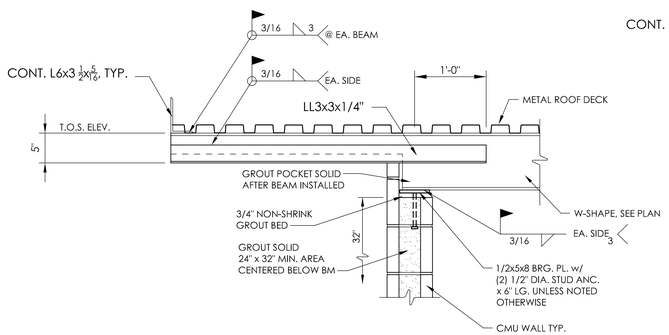
3 S401 SECTION
SCALE: 3/4" = 1'-0"



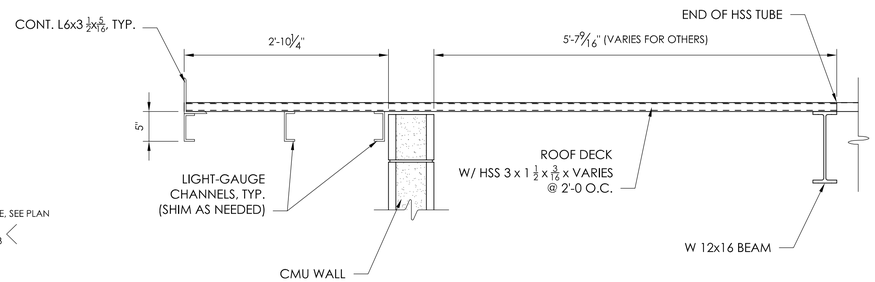
6 S401 SECTION
SCALE: 3/4" = 1'-0"



7 S401 SECTION
SCALE: 3/4" = 1'-0"



8 S401 TYP. BEAM BEARING ON MASONRY SECTION
SCALE: 3/4" = 1'-0"



9 S401 TYP. HSS TUBE EXTENSION WITH ROOF DECK
SCALE: 3/4" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	SAW	JPR

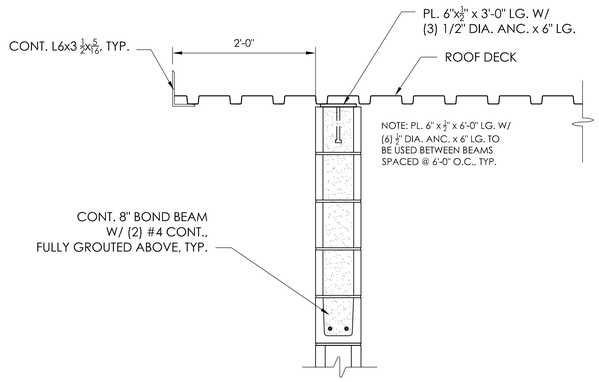
SCALE AS NOTED
SHEET TITLE
ROOF SECTIONS

PROJECT NUMBER
14426.04

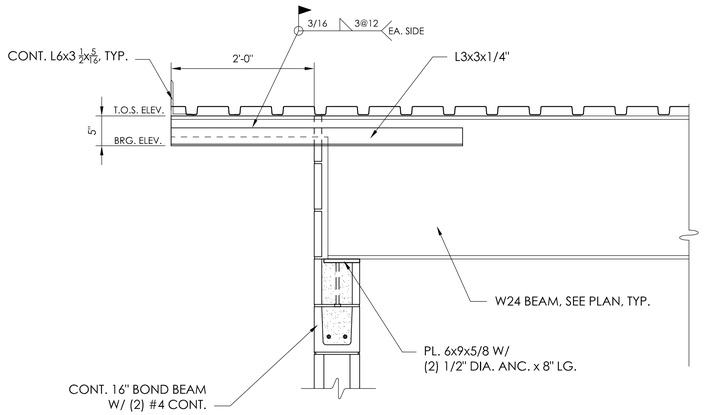
EES
S401
DRAWING NUMBER

THIS DRAWING AND THE DESIGN CONTAINED THEREIN IS AN INSTRUMENT OF SERVICE AS DEFINED BY THE AMERICAN INSTITUTE OF ARCHITECTS DOCUMENT B101 AND IS THE PROPERTY OF CPL ARCHITECTS, ENGINEERS, LANDSCAPE ARCHITECTS & SURVEYORS, P.C. AND IS NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CPL ARCHITECTS, ENGINEERS, LANDSCAPE ARCHITECTS & SURVEYORS, P.C. ANY UNAUTHORIZED USE OF THESE DRAWINGS AND SPECIFICATIONS SHALL BE AT THE SOLE RISK AND LIABILITY OF THE USER.

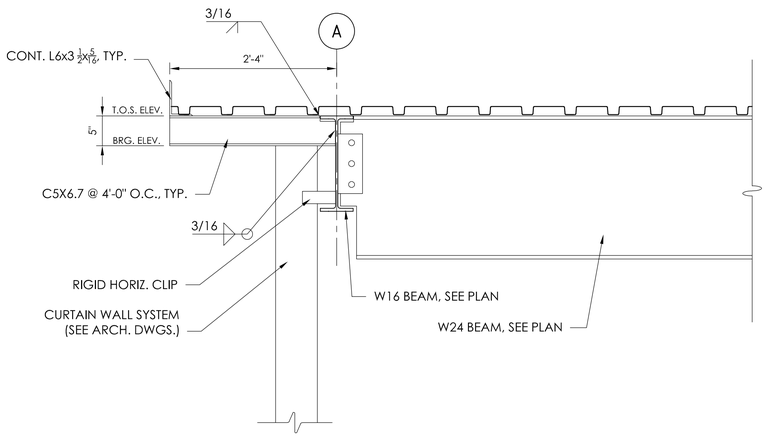
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\STRUCT\S4\S400 - STRUCTURAL SECTIONS & DETAILS.dwg
Date last accessed: 3/11/2021 3:09 PM
Date last plotted: 3/31/2021 8:21 AM
Plotted By: Seth Wittlinger



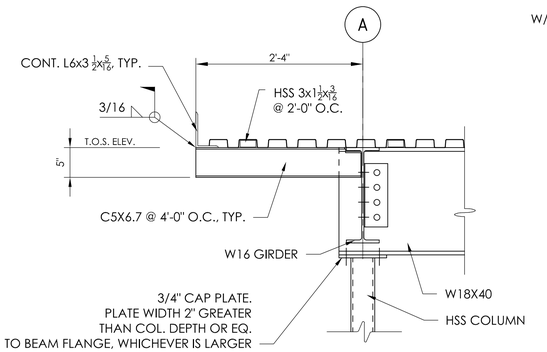
1 S401A SECTION
SCALE: 3/4" = 1'-0"



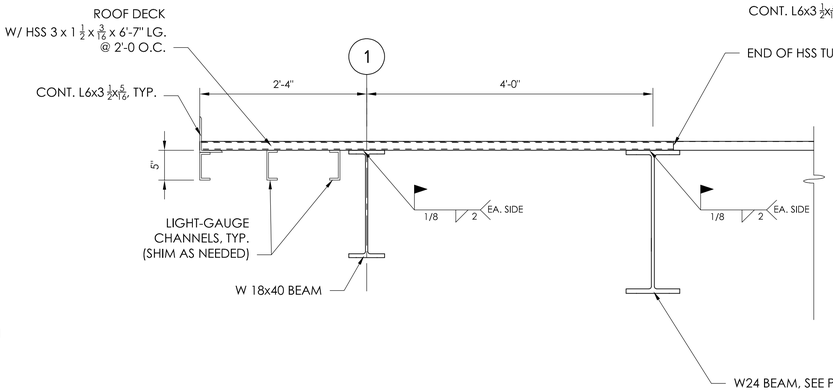
2 S401A SECTION
SCALE: 3/4" = 1'-0"



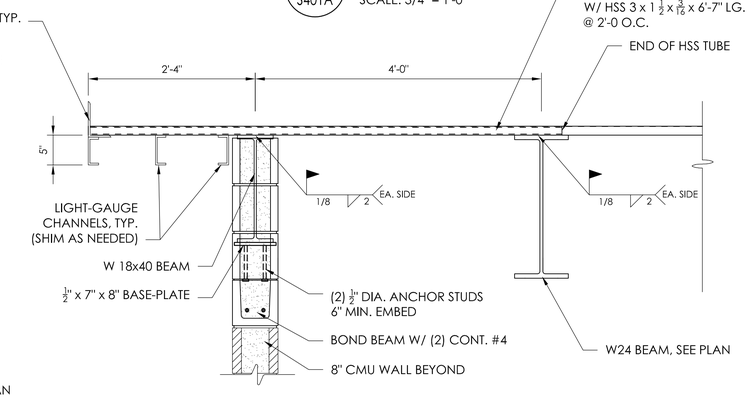
3 S401A SECTION
SCALE: 3/4" = 1'-0"



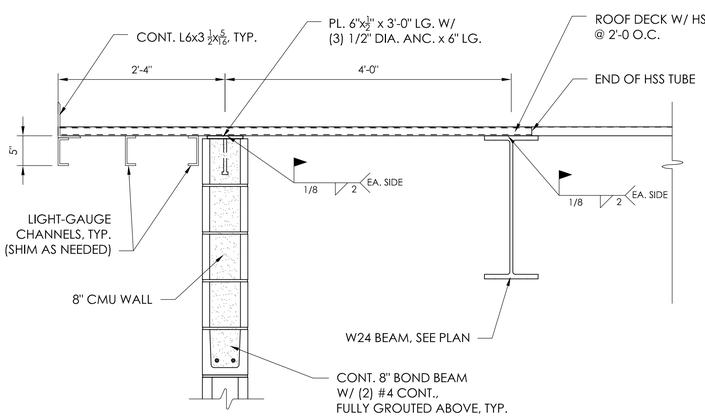
4 S401A SECTION
SCALE: 3/4" = 1'-0"



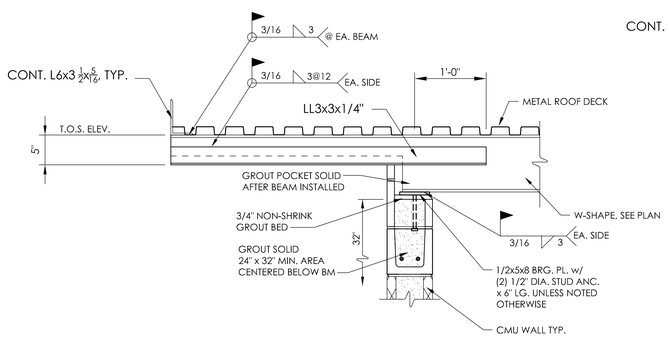
5 S401A SECTION
SCALE: 3/4" = 1'-0"



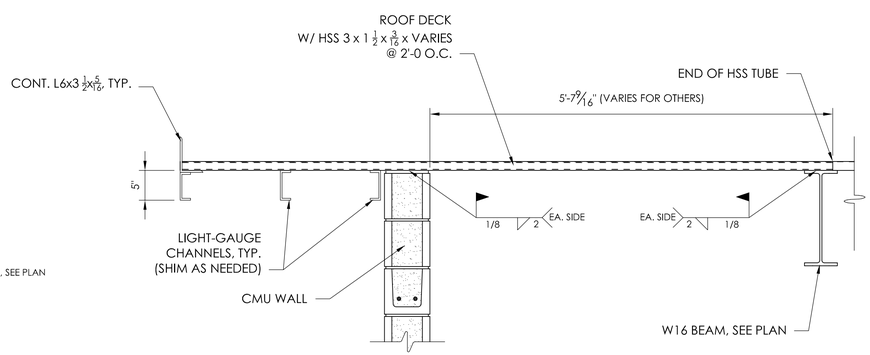
6 S401A SECTION
SCALE: 3/4" = 1'-0"



7 S401A SECTION
SCALE: 3/4" = 1'-0"



8 S401A TYP. BEAM BEARING ON MASONRY SECTION
SCALE: 3/4" = 1'-0"



9 S401A TYP. HSS TUBE EXTENSION WITH ROOF DECK
SCALE: 3/4" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

JOSEPH P. RAGUSA — STATE OF NEW YORK — LICENSED PROFESSIONAL ENGINEER — 073867

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
04/14/2022	SAW	JPR

SCALE AS NOTED

SHEET TITLE
ROOF SECTIONS - BEAM ALTERNATE

PROJECT NUMBER
14426.04

EES
S401A
DRAWING NUMBER

Plotted By: Seth Wittlinger
Date last plotted: 4/25/2022 12:44 PM
Date last accessed: 4/25/2022 12:42 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\STRUCT\S4\S400A - STRUCTURAL SECTIONS & DETAILS.dwg

IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PART SHALL APPEAR THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\STRUCT\S8\S800 - EES STRUCTURAL TYPICAL DETAILS & NOTES.dwg
Date last accessed: 3/11/2021 3:09 PM
Date last plotted: 3/31/2021 8:27 AM
Plotted By: Seth Wittlinger

GENERAL NOTES

1. THE STRUCTURE SHOWN ON THESE DRAWING IS SOUND ONLY IN ITS COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE DESIGN, ADEQUACY, SAFETY AND STABILITY OF TEMPORARY ERECTION BRACING AND SHORING.
2. WHERE A DETAIL, TYPICAL DETAIL, SECTION, TYPICAL SECTION OR PLAN NOTE IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL SIMILAR OR LIKE CONDITIONS UNLESS NOTED OTHERWISE.
3. ALL DESIGN, INCLUDING MATERIAL STRESSES AND METHODS OF CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE 2020 NEW YORK STATE BUILDING CODE AND ITS SUPPLEMENTS, THE UNIFORM BUILDING CODE, OSHA AND GOVERNING AGENCIES HAVING JURISDICTION.
4. REFER TO THE "SPECIAL INSPECTIONS" SECTION OF THE SPECIFICATIONS FOR PROJECT REQUIREMENTS AND PERTINENT INFORMATION.
5. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS SHOWN ON THE DRAWINGS AND IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO ORDERING OR FABRICATING MATERIALS OR OTHERWISE PROCEEDING WITH THE WORK.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES IN ORDER TO COMPLY WITH THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, EQUIPMENT AND SERVICES REQUIRED TO EXECUTE AND COMPLETE ALL ITEMS OF WORK AS SHOWN OR INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN, INCLUDING INCIDENTAL ITEMS TO EFFECT A FINISHED AND COMPLETE JOB, EVEN THOUGH SUCH ITEMS ARE NOT SHOWN OR PARTICULARLY MENTIONED.
7. THE ENGINEER IS NOT RESPONSIBLE FOR THE DESIGN OF STEEL STAIRS, PRECAST CONCRETE, HANDRAILS, CURTAIN WALL/WINDOW SYSTEMS, COLD-FORMED METAL FRAMING, OR OTHER SYSTEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS. SUCH SYSTEMS SHALL BE DESIGNED, FURNISHED, AND INSTALLED AS REQUIRED BY OTHER PORTIONS OF THE CONTRACT DOCUMENTS.
8. THE GENERAL CONTRACTOR SHALL USE CONSTRUCTION METHODS THAT ARE IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
9. CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR ADEQUATELY SHORING EXISTING CONSTRUCTION WHILE PERFORMING NEW WORK.
10. DIMENSIONS ARE NOT TO BE DERIVED BY SCALING THESE DRAWINGS. IF THERE ARE ANY QUESTIONS REGARDING DIMENSIONS, CONTACT THE ARCHITECT/ENGINEER FOR INFORMATION PRIOR TO SUBMITTING SHOP DRAWINGS.
11. THE CONTRACTOR SHALL COORDINATE ALL STRUCTURAL WORK WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS, AND WITH THE WORK OF ALL OTHER TRADES.
12. THE CONTRACTOR SHALL COORDINATE ALL SIZES AND LOCATIONS OF FLOOR, ROOF AND WALL PENETRATIONS WITH MECHANICAL, ELECTRICAL, FOOD SERVICE, PLUMBING AND ARCHITECTURAL DRAWINGS. ALL PENETRATIONS NOT SHOWN ON STRUCTURAL DRAWINGS MUST BE APPROVED BY THE ENGINEER UNLESS NOTED OTHERWISE.
13. THE CONTRACTOR SHALL RESTORE TO ITS ORIGINAL CONDITION ALL SITE APPURTENANCES DAMAGED UNDER THIS CONTRACT AT NO ADDITIONAL COST TO THE OWNER.
14. INFORMATION IN THESE STRUCTURAL NOTES IS A SELECTED SUMMARY OF REQUIREMENTS. REFER TO SPECIFICATIONS FOR AMPLIFICATIONS OF REQUIREMENTS.
15. WHERE MEMBER LOCATIONS ARE NOT SPECIFICALLY DIMENSIONED, MEMBERS ARE EITHER LOCATED ON COLUMN LINES OR ARE EQUALLY SPACED BETWEEN LOCATED MEMBERS.
16. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. CONTRACTOR SHALL BE SOLEY RESPONSIBLE FOR CONSTRUCTION SAFETY.

EXISTING CONSTRUCTION NOTES

1. BEFORE PROCEEDING WITH ANY WORK WITHIN THE EXISTING FACILITY, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILDING AT THE JOB SITE AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND ERECTION OF ANY MEMBERS.
2. THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSIONS, ELEVATIONS, ETC. NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW WORK TO THE EXISTING WORK.
3. WORK SHOWN ON THE DRAWINGS IS NEW, UNLESS NOTED AS EXISTING.
4. EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED FROM DRAWINGS PREPARED BY THE FIRM OF HOWARD C. SNYDER, REGINALD E. MARSH, STARRET AND VAN. VLECK ASSOCIATE ARCHITECTS, DATED NOVEMBER 15, 1954 AND LIMITED SITE OBSERVATION. THESE DRAWINGS OF EXISTING CONSTRUCTION ARE AVAILABLE FROM THE OWNER FOR CONTRACTOR USE. HOWEVER, THE AVAILABLE DRAWINGS OF EXISTING CONSTRUCTION MAY NOT NECESSARILY BE COMPLETE. THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT INFORMATION.
5. IF ANY ARCHITECTURAL, STRUCTURAL, OR MECHANICAL MEMBERS OR COMPONENTS NOT DESIGNATED FOR REMOVAL INTERFERE WITH THE NEW WORK, THE ARCHITECT & ENGINEER SHALL BE NOTIFIED IMMEDIATELY AND APPROVAL MUST BE OBTAINED PRIOR TO REMOVAL OF THOSE MEMBERS.
6. THE CONTRACTOR SHALL SAFELY SHORE EXISTING CONSTRUCTION TO ALLOW THE INSTALLATION OF NEW WORK. ALL SHORING METHODS AND SEQUENCING OF DEMOLITION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HIS ENGINEER.
7. THE CONTRACTOR SHALL SUBMIT A DETAILED PLAN FOR SHORING, BRACING AND PROTECTION OF THE EXISTING CONSTRUCTION. THE PLAN SHALL INCLUDE CONSTRUCTION SEQUENCE. BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK, AND BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO THE BEGINNING OF WORK.
8. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION AND TAKE CARE TO PROTECT EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE.
9. THE CONTRACTOR SHALL REPAIR ALL DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP TO RESTORE CONDITIONS TO LEVELS ACCEPTABLE TO THE ARCHITECT.
10. THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION METHODS USED WILL NOT CAUSE DAMAGE TO THE ADJACENT BUILDINGS AND PROPERTY. THIS SHALL INCLUDE ALL FOUNDATION INSTALLATION.

OPEN WEB STEEL JOIST NOTES

1. ALL STEEL OPEN WEB JOISTS SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" OF THE STEEL JOIST INSTITUTE (SJI).
2. DESIGN AND INSTALLATION OF BRIDGING SHALL CONFORM TO THE "STANDARD SPECIFICATIONS" OF THE STEEL JOIST INSTITUTE.
3. ALL JOISTS SHALL BE CONNECTED TO SUPPORTING STEEL BY (2) 1/4" FILLET WELDS x 3" LONG, OR TWO 3/4" ANCHOR BOLTS.
4. WHERE HVAC DUCTWORK INTERSECTS DIAGONAL BRIDGING LINES, PROVIDE HORIZONTAL BRIDGING AT TOP AND BOTTOM CHORDS AS FOLLOWS:
   A. INSTALL DIAGONAL BRIDGING AS TYPICAL DURING INSTALLATION.
   B. REMOVE DIAGONALS AFTER INSTALLATION AND INSTALL HORIZONTAL BRIDGING.
   C. HORIZONTAL REPLACEMENT BRIDGING SHALL BE DESIGNED AND SUPPLIED BY JOIST MANUFACTURER.
   D. REFER TO MECHANICAL DRAWINGS FOR LOCATION AND EXTENT OF OPENINGS.
   E. AT NO TIME SHALL THIS BE DONE IN TWO CONSECUTIVE BAYS WITHOUT ENGINEER APPROVAL.
5. PROVIDE MINIMUM CAMBER TO JOISTS IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE.
6. PROVIDE BOTTOM CHORD EXTENSIONS TO BOTTOM OF EXTERIOR BEAMS. TO BE COORDINATED WITH DETAILS.
7. CONTRACTOR SHALL PROVIDE ANY AND ALL EXTRA STEEL TO FRAME AROUND ANY MECHANICAL ROOF PENETRATIONS. PROVIDE A MINIMUM OF TWO EXTRA JOISTS, SAME SIZES AS SHOWN ON DRAWINGS, FOR EACH AC UNIT LOCATION. SUBMIT PROPOSAL TO ENGINEER FOR REVIEW.
8. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW.
9. JOISTS SHALL BE DESIGNED TO SUPPORT A SINGLE CONCENTRATED LOAD OF 300 LBS APPLIED AT ANY BOTTOM CHORD PANEL POINT.

EXCAVATION & BACKFILL NOTES

1. THE SITE SHALL BE PREPARED IN ACCORDANCE WITH SPECIFICATIONS AND THE CIVIL DRAWINGS. THE STRUCTURAL DESIGN IS BASED ON RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT BY QUALITY GEO ENGINEERING, P.C., DATED JUNE 22, 2020. A QUALIFIED GEOTECHNICAL ENGINEER SHALL VERIFY ALL ASSUMPTIONS AND REPORT TO THE ARCHITECT/ENGINEER ANY VARIATIONS.
2. EXCAVATIONS TO BE SHEETED AND BRACED, OR LAID BACK TO PREVENT SLOUGHING IN OF THE EXCAVATED AREAS PER OSHA REGULATIONS.
3. ALL EXCAVATIONS AND GRADES PREPARED FOR BEARING SHALL BE INSPECTED BY A QUALIFIED GEOTECHNICAL ENGINEER TO VERIFY THE DESIGN ASSUMPTIONS AND REPORT NONCONFORMING CONDITIONS.
4. THE CONTRACTOR SHALL DETERMINE THE EXTENT OF CONSTRUCTION DEWATERING REQUIRED FOR THE EXCAVATION. THE CONTRACTOR SHALL SUBMIT TO THE GEOTECHNICAL ENGINEER FOR REVIEW THE PROPOSED PLAN FOR DEWATERING, PRIOR TO EXCAVATION.
5. PLACE ALL FOOTINGS ON FIRM, DRY, LEVEL, ACCEPTABLE BEARING SOIL.
6. FROST DEPTH FOR THIS PROJECT IS 4'-0" BELOW GRADE. FINISH GRADE SHALL BE MAINTAINED A MINIMUM OF 3'-0" ABOVE TOP OF FOUNDATIONS UNLESS NOTED OTHERWISE.
7. TOP OF FOOTING ELEVATIONS PROVIDED ON CONSTRUCTION DRAWINGS ARE FOR PURPOSES OF DESIGN. NOTIFY THE ENGINEER IF TOP OF FOOTING ELEVATIONS NEED TO BE ADJUSTED BASED ON CONTRACTOR'S FIELD COORDINATION OR GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
8. REMOVE AND DISPOSE OF LEGALLY FROM SITE; UNACCEPTABLE BEARING SOIL, EXCESS EXCAVATED MATERIAL, ASPHALT MATERIAL (SEE SITE PLANS).
9. WHERE FILL IS REQUIRED UNDER BEARING CONDITIONS, IT SHALL BE SELECTED AND PLACED IN ACCORDANCE WITH INSTRUCTIONS OF A QUALIFIED GEOTECHNICAL ENGINEER TO MAINTAIN DESIGN BEARING PRESSURE.
10. THE DESIGN OF WALLS RETAINING EARTH DOES NOT INCLUDE HYDROSTATIC PRESSURE LOADS UNLESS NOTED OTHERWISE, AND ASSUMES A DRAINAGE SYSTEM IS IN PLACE WHERE REQUIRED.
11. BACKFILL WITHIN BUILDING - TO WITHIN 6 INCHES OF UNDERSIDE OF FLOOR SLAB SHALL BE "SUBBASE COURSE" (NYSDOT 304.12 - TYPE 2) CONSISTING OF HARD DURABLE PEBBLES, ROCK FRAGMENTS AND SOIL BINDER. IT SHALL BE FREE OF CLAY, ORGANIC MATTER, AND OTHER DELETERIOUS MATERIAL. GRADATION: 2 INCHES MAXIMUM SIZE, 25-60% PASSING THE 1/4" SIEVE. 5-40% PASSING NO. 40 SIEVE, AND NOT MORE THAN 10% PASSING NO. 200 SIEVE.
12. UNDER SLABS ON GRADE - POROUS 6 INCH LIFT OF WASHED "CRUSHED STONES" CONSISTING OF: 50/50 MIX OF #1's AND #2's., ASTM #57 STONE.
13. BACKFILL OUTSIDE OF BUILDING – "SELECT GRANULAR FILL" (NYSDOT 203.07) CONSISTING OF SAND, FINE GRAVEL, COARSE SILT, OR SIMILAR NON-COHESIVE HARD DURABLE MATERIALS AND SOIL BINDERS WITHOUT EXCESSIVE CLAY, ORGANIC MATTER, OR FROZEN OR DELETERIOUS MATERIAL. GRADATION: 4 INCHES MAXIMUM SIZE, 0-70% PASSING THE #40 SIEVE AND 0-15% PASSING THE #200 SIEVE.
14. FILL COMPACTION: WITHIN BUILDING – 95% DRY DENSITY MODIFIED PROCTOR OUTSIDE OF BUILDING - 95% DRY DENSITY MODIFIED PROCTOR.
15. FILL PLACEMENT - BACKFILL SHALL NOT BE PLACED AGAINST WALLS UNTIL THE WALLS HAVE ACHIEVED SPECIFIED DESIGN STRENGTH. PLACE FILL SIMULTANEOUSLY ON EACH SIDE OF FOUNDATION WALL IN 6 INCH LIFTS. THE MAXIMUM DIFFERENCE IN ELEVATION ON EITHER SIDE OF WALL SHALL NOT EXCEED 1'-6".
16. FILL REMOVAL AND REPLACEMENT TO BE COMPLETED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT REQUIREMENTS.

CAST-IN-PLACE CONCRETE NOTES

1. ALL CONCRETE WORK, CONSTRUCTION AND REINFORCING DETAILS SHALL CONFORM TO THE 2015 INTERNATIONAL BUILDING CODE WITH NEW YORK STATE 2020 SUPPLEMENTS AND "THE SPECIFICATIONS OF THE AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS" (ACI-318).
2. ALL CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS AND CONFORM TO THE REQUIREMENTS OF THE SCHEDULE BELOW, UNLESS NOTED OTHERWISE. SEE SPECIFICATIONS FOR MIX DESIGN REQUIREMENTS.

LOCATION	W/C RATIO	SLUMP (±1")	% AIR (±1%)	MAXIMUM AGGREGATE	MIN. STRENGTH @ 28 DAYS
BURIED FOUNDATIONS	.50	3.5"	N/A	1 1/2"	3,500 PSI
EXPOSED RETAINING & FOUNDATION WALLS	.45	3.5"	5.5	1 1/2"	5,000 PSI
SLAB ON GRADE (INT.)	.45	3.5"	4	3/4"	3,000 PSI
SLAB ON GRADE (EXT.)	.45	3.5"	5.5	3/4"	5,000 PSI
SLAB ON DECK	.45	4.0"	-	3/4"	3500 PSI

3. CONTRACTOR SHALL SUBMIT MIX DESIGNS PROPORTIONED BY A LICENSED TESTING LABORATORY.
4. PROVIDE MINIMUM OF FOUR (4) CYLINDERS PER EACH FIFTY (50) YARDS OR FRACTION THEREOF POURED IN ONE DAY. BREAK ONE AT 7 DAYS AND TWO AT 28 DAYS.
5. WHERE NEW CONCRETE IS TO BE POURED ONTO EXISTING CONCRETE, BONDING IS REQUIRED AS NOTED IN ACI 301.
6. CONDUITS AND PIPES OF ALUMINUM SHALL NOT BE EMBEDDED IN CONCRETE.

REINFORCING STEEL

1. ALL REINFORCING STEEL SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES" (ACI-315).
2. REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
3. LAP SPLICES AND EMBEDMENT LENGTHS SHALL CONFORM TO ACI 318 -CHAPTER 12.
4. PROVIDE CORNER BARS TO MATCH HORIZONTAL REINFORCING WHERE FOOTINGS, WALLS OR BEAMS MEET AT CORNERS OR INTERSECT. THIS ALSO INCLUDES INTERSECTIONS OF CONCRETE WITH MASONRY WORK.
5. PROVIDE SHOP DRAWINGS FOR REINFORCING INCLUDING ALL NECESSARY ACCESSORIES TO HOLD REINFORCING SECURELY IN PLACE.
6. CLEAR COVER CONCRETE PROTECTION FOR REINFORCING STEEL SHALL BE:
   6.1. 3" - CONCRETE CAST AGAINST EARTH.
   6.2. 2" - FORMED SURFACES IN CONTACT WITH SOIL OR EXPOSED TO WEATHER.
   6.3. 1" – FORMED SURFACES NOT IN CONTACT WITH SOIL OR EXPOSED TO WEATHER.
   6.4. 3/4" - SUPPORTED FLOOR SLABS.

FOUNDATIONS

1. ALL FOUNDATIONS ARE TO BEAR ON APPROVED BEARING MATERIAL. (SEE GEOTECHNICAL EVALUATION BY QUALITY GEO ENGINEERING, P.C., DATED JUNE 22. 2020.)
2. ALL FOUNDATION EXCAVATIONS ARE SUBJECT TO APPROVAL BY THE GEOTECHNICAL ENGINEER BEFORE ANY CONCRETE IS PLACED.
3. ALL FORMS AND REINFORCING STEEL IN PLACE SHALL BE APPROVED BY THE SPECIAL INSPECTOR BEFORE ANY CONCRETE IS PLACED.
4. NO FOUNDATION SHALL BE PLACED IN WATER OR ON FROZEN GROUND.
5. IN GENERAL, EXTERIOR CONSTRUCTION SHALL BE CARRIED DOWN A MINIMUM OF 4'-0" BELOW FINISHED EXTERIOR GRADE.
6. CENTERLINE OF FOOTINGS, WALLS, GRADE BEAMS, COLUMNS, AND BEAMS SHALL COINCIDE, UNLESS OTHERWISE NOTED.
7. REFER TO ARCHITECTURAL DRAWINGS FOR FOUNDATION DRAINAGE.
8. ALL EXTERIOR CONCRETE USED ABOVE GRADE SHALL HAVE AN AIR ENTRAINING AGENT.
9. RUB ALL SIGHT EXPOSED CONCRETE AFTER FORMS HAVE BEEN REMOVED.
10. ALL EXPOSED CONCRETE PIER CORNERS SHALL BE CHAMFERED 3/4".
11. ALL GROUT FOR BASE PLATES SHALL BE NON-SHRINK WITH A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI AT 28 DAYS.
12. ANCHOR BOLTS - ASTM F1554, Fy=36 KSI, 1" DIAMETER UNLESS OTHERWISE NOTED.
13. ISOLATION JOINT - ASPHALT IMPREGNATED FILLER STRIP CONFORMING TO ASTM D-944.
14. ALL STEEL COLUMNS BELOW GRADE SHALL BE TWICE COATED WITH A BITUMINOUS COATING.
15. CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON THE JOB BEFORE COMMENCING WORK. REFER TO ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS AND DETAILS NOT SHOWN. REFER TO ARCHITECTURAL, PLUMBING, FOOD SERVICE, MECHANICAL, AND ELECTRICAL DRAWINGS FOR LOCATION AND DIMENSIONS OF ANY OPENING, SLEEVES, INSERTS, SLAB DEPRESSIONS, ETC.
16. EPOXY ANCHORS SHALL BE HIT HY-200 INJECTION ADHESIVE ANCHORS AS MANUFACTURED BY HILTI, INC., TULSA OK (800-879-8000).

SLABS ON GRADE

1. ALL SLABS ON GRADE SHALL BE PLACED OVER A STEGO 15 MIL VAPOR BARRIER. TAPE ALL SEAMS AND PROVIDE FLASHING/BOOTS AROUND PIPE PENETRATIONS.
2. UNDER SLABS ON GRADE: POROUS 6 INCH LIFT OF CRUSHED STONE MATERIAL CONSISTING OF 50/50 MIX OF #1's AND #2's., ASTM #57 STONE.
3. SLAB ON GRADE REINFORCEMENT SHALL BE 6x6-W2.1x2.1WWF, UNLESS NOTED OTHERWISE.
4. WET CURE FOR 7 DAYS BEFORE APPLYING ANY WHEELED TRAFFIC OR MASONRY PARTITIONS.
5. CONTRACTION JOINTS: JOINTS SHALL BE SPACED NO FARTHER THAN 15'-0" O.C. JOINTS SHALL TYPICALLY RUN BETWEEN COLUMNS AND TERMINATE AT A COLUMN ISOLATION POUR. THE LENGTH OF ANY INDIVIDUAL JOINTED AREA SHALL NOT EXCEED 1.5 TIMES ITS WIDTH.
6. CONSTRUCTION/COLD JOINTS: TERMINATE DAY'S CONCRETE WORK AT A CONTROL JOINT LOCATION. PROVIDE A KEYWAY OR DOWELS FOR CONTINUATION OF WORK WITH NEXT POUR. CONTINUE 50% OF SLAB REINFORCEMENT THROUGH CONSTRUCTION AND CONTRACTION JOINTS.
7. CONCRETE SURFACE SHALL BE HARD STEEL TROWEL FINISH.
8. FOR FLOOR FINISH, FLOOR DRAINS, SLAB DEPRESSIONS, AND WATERPROOFING DETAILS SEE ARCHITECTURAL DRAWINGS.
9. PROVIDE ONE #4 BAR, 4 FEET LONG, DIAGONAL AT CORNERS AND OPENINGS IN SLABS-ON-GRADE.

ROOF DECK NOTES

1. ALL METAL DECK SHALL BE MANUFACTURED AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE "DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS AND ROOF DECKS" BY THE STEEL DECK INSTITUTE (SDI).
2. REFER TO PLANS FOR NON-COMPOSITE DECK TYPES AND LOCATIONS.
3. METAL DECK SHALL BE 1 1/2 INCH x 20 GAUGE, WIDE RIB TYPE B, CLASS I, FACTORY MUTUAL APPROVED., UNLESS NOTED OTHERWISE.
4. DECKING SHALL SPAN A MINIMUM OF THREE SPANS.
5. DECK SHALL BE WELDED TO SUPPORTING FRAME WORK. PROVIDE WELDING WASHERS WHERE NECESSARY. ANCHORING AT ROOF DECK SHALL RESIST AN UPLIFT OF 5 PSF.
6. PROVIDE SUPPORT FOR METAL DECK AT 4'-0" O.C. MAXIMUM.
7. DO NOT SUSPEND MECHANICAL, ELECTRICAL OR PLUMBING ITEMS FROM ROOF DECK. REFER TO THE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR HANGERS AND SUPPLEMENTAL FRAMING REQUIRED.
8. UNLESS NOTED OTHERWISE, ALL DECKING SHALL BE GALVANIZED.
9. SEE TYPICAL DETAILS AND PROJECT SPECIFICATIONS FOR ATTACHMENT REQUIREMENTS AND FOR WELD PATTERN.
10. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW.

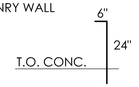
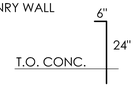
STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS." HOT ROLLED STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A36 OR ASTM A572 GRADE 50, HOLLOW STRUCTURAL SHAPES (HSS) SHALL CONFORM TO ASTM A500 GRADE B. ANGLES, CHANNELS, AND OTHER MISCELLANEOUS METALS SHALL CONFORM TO ASTM A36.
2. STEEL CONNECTIONS ARE SHOWN SCHEMATICALLY. FABRICATOR IS RESPONSIBLE FOR DESIGN AND DETAILING OF CONNECTIONS, INCLUDING MATERIAL GRADE AND SIZES, WELD SIZES, AND NUMBER OF BOLTS. ADDITIONAL CONNECTION ELEMENTS MAY NOT BE SPECIFICALLY SHOWN ON THE SCHEMATIC DETAILS BUT MAY BE REQUIRED BY THE FINAL CONNECTION DESIGN. SUCH AS STIFFENER PLATES, DOUBLER PLATES, SUPPLEMENT / REINFORCING PLATES OR OTHER CONNECTION MATERIAL.
3. REACTIONS AND LOADS PROVIDED ON DRAWINGS ARE UNFACTORED.
4. EACH BEAM CONNECTION SHALL BE DESIGNED FOR ONE HALF OF THE TOTAL LOAD SHOWN IN THE AISC TABLES FOR THE RESPECTIVE SPAN UNLESS OTHERWISE NOTED. COMPOSITE BEAM CONNECTIONS SHALL BE DESIGNED FOR THREE FOURTHS OF THE TOTAL LOAD. WHERE POSSIBLE, EACH BEAM CONNECTION SHALL BE OF THE TWO SIDED ANGLE TYPE AS PER AISC SPECIFICATION, UNLESS OTHERWISE NOTED ON THE DRAWINGS. MINIMUM CONNECTION SHALL BE TWO (2) BOLTS. ALL BEAM AND GIRDER CONNECTIONS SHALL BE WELDED CONNECTIONS, OR BOLTED CONNECTIONS USING ASTM A325X BOLTS, 3/4" DIAMETER.
5. ALL CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS SHALL BE EITHER WELDED CONNECTIONS, OR BOLTED CONNECTIONS USING ASTM A325X BOLTS.
6. REFER TO SPECIFICATIONS FOR DESIGN OF WIND MOMENT CONNECTIONS.
7. UNLESS SPECIFICALLY DETAILED OTHERWISE, SPLICES SHALL BE DESIGNED TO DEVELOP THE FULL CAPACITY OF THE MEMBER AT THE POINT OF THE SPLICE.
8. CUTS, HOLES, COPES, ETC., REQUIRED FOR WORK OF OTHER TRADES SHALL BE SHOWN ON SHOP DRAWINGS AND MADE IN THE SHOP. FIELD CUTTING OR BURNING WILL NOT BE PERMITTED.
9. ALL WELDING BOTH SHOP AND FIELD, SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH AWS SPECIFICATIONS. WELDING ELECTRODES SHALL CONFORM TO ASTM A233, E70-XX. MINIMUM WELD SIZE SHALL BE 1/4 INCHES (FILLET) UNLESS OTHERWISE NOTED. WELDED CONNECTIONS SHALL BE DESIGNED TO BE STRESSED TO LESS THAN 50% OF THEIR ALLOWABLE CAPACITIES.
10. STRUCTURAL STEEL SHALL RECEIVE A SHOP COAT OF RUST INHIBITING PAINT EXCEPT AS FOLLOWS:
    A. CONTACT MILLED BEARING SURFACES
    B. WITHIN TWO INCHES OF FIELD WELDS.
    C. TOP FLANGES OF COMPOSITE BEAMS.
11. AFTER ERECTION, ALL DAMAGED AREAS IN THE SHOP COAT SHALL BE REPAIRED WITH THE SAME PAINT USED FOR THE SHOP COAT.
12. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW.
13. EXPOSED ROOF FRAMING SHALL BE DESIGNED TO SUPPORT A SINGLE CONCENTRATED LOAD OF 300 LBS APPLIED AT ANY POINT ALONG SPAN.
14. DO NOT CAMBER BEAMS UNLESS A VALUE FOR CAMBER IS SPECIFIED ON THE DRAWINGS.

COLD-FORMED STEEL FRAMING

1. ALL COLD FORMED STEEL FRAMING MEMBERS, THEIR DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" OF THE AMERICAN IRON AND STEEL INSTITUTE (AISI), AND "NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS".
2. STUD AND TRACK PROFILES SHALL BE STANDARD SECTIONS USED BY MEMBERS OF THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA).
3. COLD-FORMED METAL FRAMING MEMBERS SHALL CONFORM TO ASTM C 955 WITH A MINIMUM YIELD STRENGTH OF 33 KSI FOR 43 MIL (18 GAUGE) AND THINNER MEMBERS, AND 50 KSI FOR ALL OTHERS.
4. ALL COLD-FORMED METAL FRAMING MEMBERS SHALL BE FORMED OF CORROSION-RESISTANT STEEL, G-60 (G-90 AT EXTERIOR APPLICATIONS) CONFORMING TO ASTM A 653 AND ASTM C 955.
5. MEMBERS SHALL BE MANUFACTURER'S STANDARD "C" SHAPED STUDS/JOISTS OF THE SIZE, FLANGE WIDTH AND GAUGE INDICATED. ALL MEMBERS SHALL HAVE A MINIMUM FLANGE LIP RETURN OF 1/2" AND SATISFY THE MINIMUM PROPERTIES AS PER THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA).
6. THE GAUGE OF ALL TRACKS SHALL BE NO LIGHTER THAN THE FRAMING BEING CONNECTED. CONNECT TRACKS TO CONCRETE WITH 0.145" DIA. POWER DRIVEN FASTENERS (WITH 1.25" EMBEDMENT) AT 16" ON CENTER.
7. ALL WELDING SHALL BE IN CONFORMANCE WITH AMERICAN WELDING SOCIETY SPECIFICATION D1.3. ALL WELDS SHALL BE TOUCHED UP WITH ZINC RICH PAINT.
8. ALL STRUCTURAL MEMBERS SHALL BE PROPERLY CONNECTED TO EACH OTHER AND TO THE SUPPORTING BACK-UP FRAMING. FASTENINGS SHALL BE MADE WITH SELF TAPPING SCREWS OR WELDS OF SUFFICIENT SIZE TO INSURE THE CONNECTION STRENGTH. NOTE: FOR UL ASSEMBLY CW-S-1019, SLIDE CLIPS CONNECTING EXTERIOR STUDS TO SUPPORTED FLOORS ARE TO BE WELDED TO THE POUR STOP AS SHOWN IN THE SECTIONS. POWER DRIVEN FASTENERS MAY BE USED FOR THE INITIAL CLIP PLACEMENT ONLY.
9. PROVIDE BRIDGING FOR STUDS, JOISTS AND RAFTERS AT MID SPAN AND AT A MAXIMUM SPACING NOT TO EXCEED 4'-0". ALL BRIDGING SHALL BE INSTALLED PRIOR TO THE ADDITION OF ANY LOADING. CONNECT BRIDGING TO EACH MEMBER BY WELDING, CLIP ANGLES OR OTHER APPROVED METHOD PER THE MANUFACTURER'S REQUIREMENTS.
10. PROVIDE WEB STIFFENERS AT JOIST AND RAFTER BEARINGS IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
11. ALL AXIALLY LOADED STUDS SHALL HAVE FULL BEARING AGAINST THE INSIDE TRACK WEB, PRIOR TO STUD AND TRACK ALIGNMENT. SPLICES IN AXIALLY LOADED STUDS ARE NOT PERMITTED.
12. PROVIDE THE MANUFACTURER'S STANDARD TRACK, CLIP ANGLES, BRACING, REINFORCEMENTS, FASTENERS AND ACCESSORIES AS RECOMMENDED BY THE MANUFACTURER FOR THE APPLICATION INDICATED AND AS NEEDED TO PROVIDE A COMPLETE FRAMING SYSTEM. UNLESS OTHERWISE NOTED, INSTALL THE METAL FRAMING SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.
13. THE CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
    A. MANUFACTURER'S PRODUCT DATA AND LATEST TECHNICAL DATA.
    B. ERECTION DRAWINGS SHOWING THE NUMBER, TYPE, LOCATION AND SPACING OF ALL MEMBERS. ALL CONNECTIONS AND ATTACHMENTS SHALL BE CLEARLY SHOWN.
    C. THE PROPERTIES OF ALL FRAMING MEMBERS THAT ARE USED IN LOAD BEARING APPLICATIONS, DEMONSTRATING CONFORMANCE WITH THE MINIMUM ACCEPTABLE PROPERTIES NOTED HEREIN.
    D. STRUCTURAL CALCULATIONS FOR ALL CONNECTIONS & MEMBERS BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF **NEW YORK**
14. UNLESS OTHERWISE NOTED, PROVIDE DOUBLE JACK STUDS AT ALL BEAM/HEADER BEARINGS.
15. COLD-FORMED METAL FRAMING MEMBERS, HEADERS, AND CONNECTIONS SHOWN ON STRUCTURAL AND ARCHITECTURAL DRAWINGS ARE SCHEMATIC ONLY AND SHALL BE DESIGNED TO MEET PROJECT AND SPECIFICATION REQUIREMENTS. ANY MEMBER SIZES OR SPACINGS SHOWN SHALL BE CONSIDERED AS MINIMUMS.
16. DO NO

MASONRY REINFORCING SCHEDULE

PARTITION WALLS	SHEAR WALLS
#5 DOWELS WITH A 6" HOOK @ 24" O.C. EXTEND 2'-0" INTO MASONRY WALL 	#5 DOWELS WITH A 6" HOOK @ 24" O.C. EXTEND 2'-0" INTO MASONRY WALL 
#4 VERTICAL BARS FULL HEIGHT CONTINUOUS AT 48" O.C.	#5 VERTICAL BARS FULL HEIGHT CONTINUOUS AT 48" O.C.
MIN. (1) #5 VERTICAL AT EACH SIDE OF EACH OPENING	MIN. (1) #5 VERTICAL AT EACH SIDE OF EACH OPENING
16" BOND BEAM AT TOP OF WALL WITH (2) #4 BARS CONT.	16" BOND BEAM AT 7'-2" HEIGHT AND TOP OF WALL WITH (2) #4 BARS CONT.

NOTES:

1. REINFORCING IN THIS SCHEDULE SHALL BE USED FOR MASONRY WALLS NOT SPECIFICALLY SHOWN ELSEWHERE.
2. REFER ALSO TO SPECIFICATIONS FOR ADDITIONAL MASONRY DETAILING REQUIREMENTS.
3. PROVIDE 9 GAGE HORIZONTAL JOINT REINFORCING AT 16" O.C. ALL WALLS, UNLESS NOTED OTHERWISE
4. WHERE BOND BEAMS CHANGE ELEVATION, EXTEND HORIZONTAL BARS TO LAP 3'-0" BEYOND EACH SIDE.
5. GROUT ALL BLOCK CORES SOLID CONTINUOUSLY BELOW FINISHED FLOOR AND FOR THE FIRST TWO COURSES ABOVE THE TOP OF FOUNDATION WALLS AND SLAB.

MASONRY SPLICE SCHEDULE

BAR SIZE	SPLICE LENGTHS (IN.)	ANCHORAGE EMBEDMENT LENGTHS (IN.)
#3	20	16
#4	28	22
#5	34	27
#6	57	45
#7	68	52
#8	80	64
#9	90	72

BASED ON THE FOLLOWING:

1. fy=60,000 PSI
2. fm=1,350 PSI PARTIALLY GROUTED

CONCRETE REINFORCING SPLICE/EMBEDMENT SCHEDULE

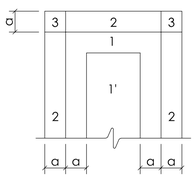
BAR SIZE SI [METRIC]	SPLICE LENGTH (IN.)		EMBEDMENT LENGTH (IN.)	
	f'c=3,000 PSI	f'c=4,000 PSI	f'c=3,000 PSI	f'c=4,000 PSI
#3 [#10]	22	19	17	15
#4 [#13]	29	25	22	19
#5 [#16]	36	31	28	24
#6 [#19]	43	37	33	29
#7 [#22]	63	54	48	42
#8 [#25]	72	62	55	48
#9 [#29]	81	70	62	54
#10 [#32]	91	79	70	61
#11 [#36]	101	87	78	67
#14 [#43]	NOT PERMITTED	NOT PERMITTED	93	81
#18 [#57]	NOT PERMITTED	NOT PERMITTED	124	108

SCHEDULE NOTES:
1. VALUES ARE BASED ON GRADE 60, UNCOATED REINFORCING, AND NORMAL WEIGHT CONCRETE.
2. VALUES FOR BEAMS OR COLUMNS ARE BASED ON TRANSVERSE REINFORCEMENT AND COVER MEETING CODE REQUIREMENTS.
3. VALUES ARE BASED ON CONCRETE COVER NOT LESS THAN 1 BAR DIAMETER AND SPACING NOT LESS THAN 2 BAR DIAMETERS.
4. VALUES TO BE USED UNLESS SPECIFICALLY NOTED ON THE DRAWINGS.
5. FOR ALL OTHER CRITERIA, REFER TO PROJECT SPECIFICATIONS.

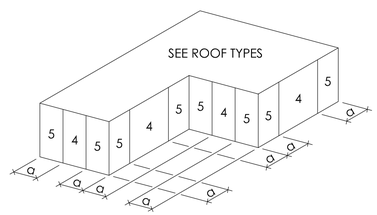
COMPONENTS AND CLADDING DESIGN PRESSURES

ZONE	EFFECTIVE WIND AREA			
	10 SQ. FT.	20 SQ. FT.	50 SQ. FT.	100 SQ. FT.
1	10.0 / -36.8 PSF	10.0 / -34.3 PSF	10.0 / -31.1 PSF	10.0 / -28.7 PSF
1'	10.0 / -21.1 PSF	10.0 / -21.1 PSF	10.0 / -21.1 PSF	10.0 / -21.1 PSF
2	10.0 / - 48.4 PSF	10.0 / -45.3 PSF	10.0 / -41.2 PSF	10.0 / -38.1 PSF
3	10.0 / -66.1 PSF	10.0 / -59.8 PSF	10.0 / -51.5 PSF	10.0 / -45.3 PSF
4	23.0 / -25.0 PSF	22.0 / -24.0 PSF	20.7 / -22.6 PSF	19.6 / -21.5 PSF
5	23.0 / -30.9 PSF	22.0 / -28.9 PSF	20.7 / -26.1 PSF	19.6 / -24.0 PSF
OVERHANG 1 & 1'	-33.2 PSF	-32.7 PSF	-31.9 PSF	-31.2 PSF
OVERHANG 2	-45.0 PSF	-40.8 PSF	-35.3 PSF	-31.2 PSF
OVERHANG 3	-62.5 PSF	-55.3 PSF	-45.7 PSF	-38.4 PSF

SCHEDULE NOTES:
1. PRESSURES SHOWN ARE APPLIED NORMAL TO THE SURFACE.
2. PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACE, RESPECTIVELY.
3. DISTANCE 'a' SHALL BE 7'-0" FOR ALL INSTANCES SHOWN IN THE DIAGRAMS BELOW.
4. SEE 'DESIGN CRITERIA NOTES' ON DRAWING S800 FOR OTHER PERTINENT INFORMATION.
5. ALL NET DESIGN WIND PRESSURE VALUES ARE TAKEN FROM ASCE 7-16 SECTION 30.5. ALL WIND PRESSURES ARE TO BE CONSIDERED AS ULTIMATE VALUES.



FLAT ROOF (SLOPE <7°)



EXTERIOR WALLS

COMPONENT AND CLADDING PRESSURE ZONE DIAGRAMS
(FOR USE WITH SCHEDULE ABOVE)

LOOSE LINTEL SCHEDULE

WALL TYPE	SPAN	LINTEL
4" MASONRY / VENEER	1'-4" to 4'-6"	L 4 x 3 1/2 x 5/16 (L.L.V.)
	4'-7" to 5'-6"	L 4 x 3 1/2 x 5/16 (L.L.V.)
	5'-7" to 6'-6"	L 5 x 3 1/2 x 5/16 (L.L.V.)
	6'-7" to 7'-6"	L 6 x 3 1/2 x 5/16 (L.L.V.)
6" BLOCK	1'-4" to 4'-6"	WT 4 x 9
	4'-7" to 5'-6"	WT 4 x 10.5
	5'-7" to 6'-6"	WT 5 x 13
	6'-7" to 7'-6"	WT 5 x 13
	7'-7" to 9'-0"	W8 x 10 + 5 1/2 x 5/16 PL.
8" BLOCK	1'-4" to 4'-6"	(2) - L4 x 3 1/2 x 5/16 (L.L.V.)
	4'-7" to 5'-6"	(2) - L4 x 3 1/2 x 5/16 (L.L.V.)
	5'-7" to 6'-6"	(2) - L5 x 3 1/2 x 5/16 (L.L.V.)
	6FT DOOR OPENING TO EXISTING BLDG.	1'-0"x1/2"x7'-0 LG. PL W/ HSS 8x3x1/4
	6'-7" to 7'-6"	(2) - L6 x 3 1/2 x 5/16 (L.L.V.)
	7'-7" to 9'-0"	WT 9 x 25
4" BRICK & 8" BLOCK OR 12" BLOCK	1'-4" to 4'-6"	(3) - L4 x 3 1/2 x 5/16 (L.L.V.)
	4'-7" to 5'-6"	(3) - L4 x 3 1/2 x 5/16 (L.L.V.)
	5'-7" to 6'-6"	(3) - L5 x 3 1/2 x 5/16 (L.L.V.)
	6'-7" to 7'-6"	(3) - L6 x 3 1/2 x 5/16 (L.L.V.)
4" BRICK & 12" BLOCK	1'-4" to 4'-6"	(4) - L4 x 3 1/2 x 5/16 (L.L.V.)
	4'-7" to 5'-6"	(4) - L4 x 3 1/2 x 5/16 (L.L.V.)
	5'-7" to 6'-6"	(4) - L5 x 3 1/2 x 5/16 (L.L.V.)
	6'-7" to 7'-6"	(4) - L6 x 3 1/2 x 5/16 (L.L.V.)

1. PROVIDE LOOSE LINTELS OVER ALL OPENINGS IN EXTERIOR AND INTERIOR MASONRY WALLS AS SCHEDULED UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
2. MINIMUM BEARING FOR ALL LINTELS SHALL BE 8" EACH END.
3. BLOCK WALLS SHALL BE GROUTED SOLID 3 COURSES BELOW BEARING POINT FOR A WIDTH OF 16" UNLESS NOTED OTHERWISE ON STRUCTURAL FRAMING PLANS.
4. SEE ARCH., HVAC, & PLUMBING DRAWINGS FOR SIZE AND LOCATION OF ALL WALL OPENINGS.
5. CONTRACTOR SHALL PROVIDE AN ADDITIONAL 50 FT. OF ANGLE 5 x 3 1/2 x 5/16 OR THE EQUIVALENT.
6. FOR LINTEL SPANS GRATER THAN 6'-0", BOLT ASSEMBLIES TOGETHER AT 1/3 POINTS.
7. WHERE LINTELS REQUIRE 3 ANGLES, PROVIDE A 3/16" PLATE EQUAL TO WALL WIDTH ACROSS SPAN, ATTACHED TO BOTTOM OF THE LINTEL.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	03-04-22	SAW	ADDENDUM 01

STATE OF NEW YORK · JOSEPH P. RAISBECK · LICENSED PROFESSIONAL ENGINEER · 073867

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	SAW	JPR

SCALE AS NOTED

SHEET TITLE
STRUCTURAL SCHEDULES

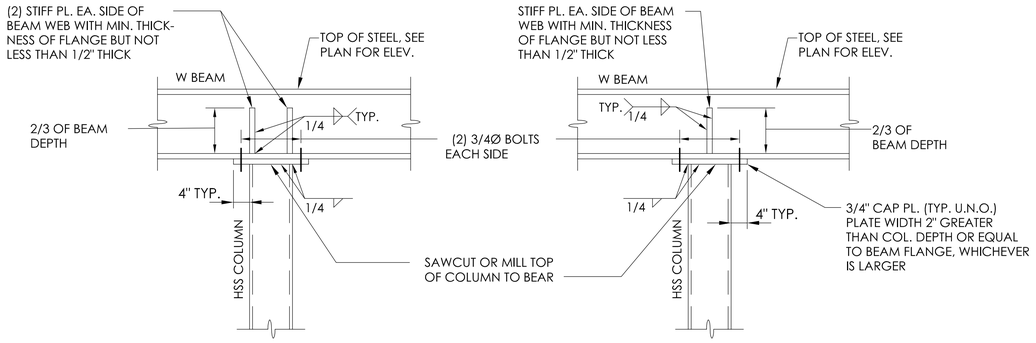
PROJECT NUMBER
14426.04

EES
S801
DRAWING NUMBER

THESE DRAWINGS AND SPECIFICATIONS AS INSTRUMENTS OF SERVICE ARE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THEY ARE NOT TO BE USED BY THE OWNER OR OTHERS ON EXTENSIONS OF THIS PROJECT OR ON ANY OTHER PROJECT WITHOUT THE WRITTEN AGREEMENT OF CPL ARCHITECTURE ENGINEERING PLANNING. VISUAL CONTACT WITH THESE DRAWINGS AND SPECIFICATIONS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PART SHALL ADD TO THE ITEM THE SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

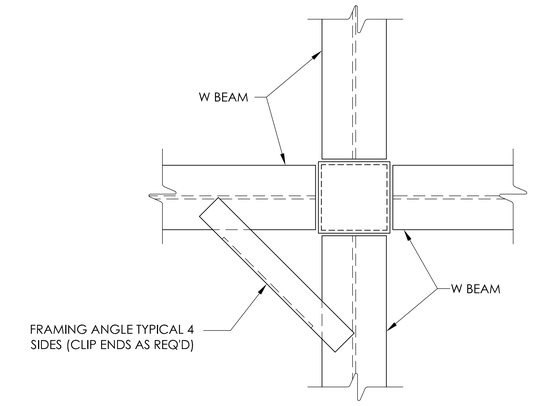
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\STRUCT\S8\S800 - EES STRUCTURAL TYPICAL DETAILS & NOTES.dwg
Date last accessed: 3/4/2022 9:29 AM
Date last plotted: 3/4/2022 9:30 AM
Plotted By: Seth Wittlinger



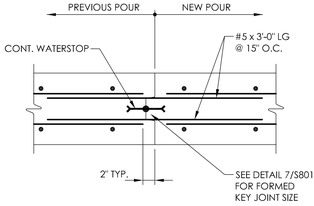
COLUMN WEB PARALLEL TO BEAM WEB

COLUMN WEB PERPENDICULAR TO BEAM WEB

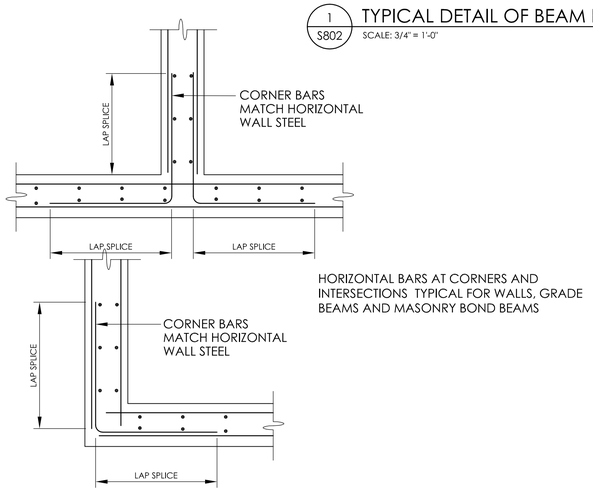
1 S802 TYPICAL DETAIL OF BEAM BEARING ON COLUMN
SCALE: 3/4" = 1'-0"



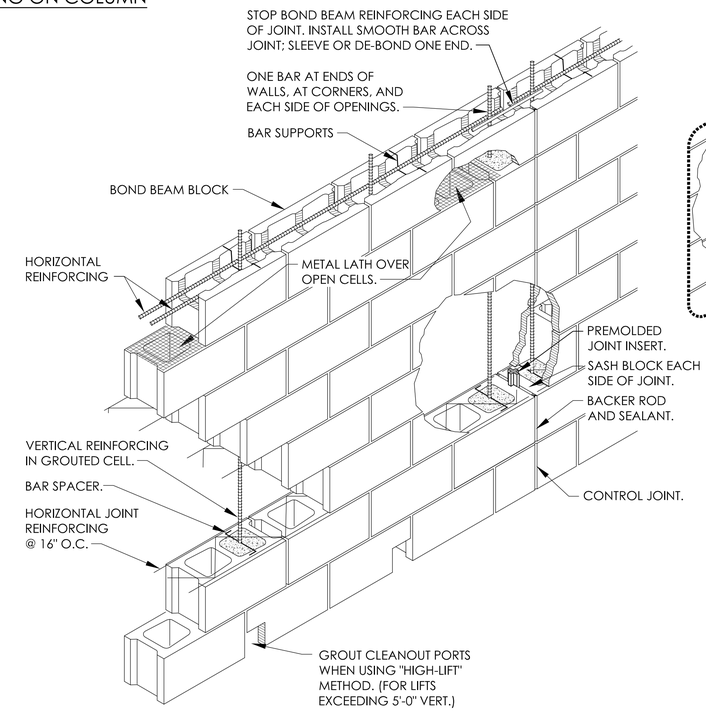
2 S802 METAL DECK SUPPORT AT COLUMN
SCALE: 3/4" = 1'-0"



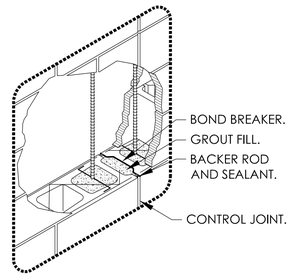
3 S802 VERT. CONSTRUCTION JOINT
SCALE: NTS



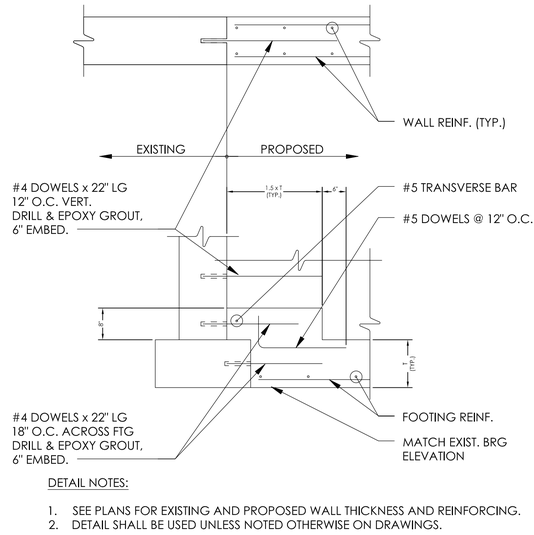
4 S802 TYPICAL CONCRETE FOUNDATION WALL REINFORCEMENT
SCALE: 3/4" = 1'-0"



5 S802 TYPICAL MASONRY WALL REINFORCEMENT ISO VIEW
SCALE: 3/4" = 1'-0"



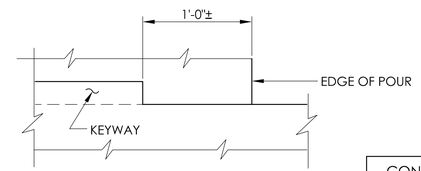
ALTERNATE CONTROL JOINT CONSTRUCTION
(4 HR. FIRE RATING)



DETAIL NOTES:

1. SEE PLANS FOR EXISTING AND PROPOSED WALL THICKNESS AND REINFORCING.
2. DETAIL SHALL BE USED UNLESS NOTED OTHERWISE ON DRAWINGS.

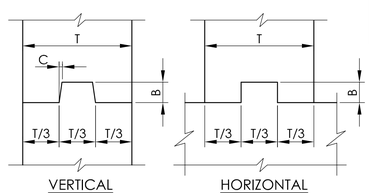
6 S802 TYPICAL NEW FOUNDATION TO EXISTING FOUNDATION
SCALE: NTS



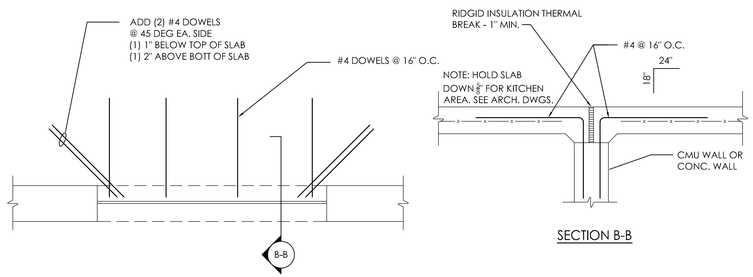
ALL KEYWAYS SHALL BEGIN AND END 1'-0"± FROM EDGE OF POUR AS INDICATED.

KEYWAY LOCATION

CONSTRUCTION AND CONTROL JOINTS		
C	B	T/3
1/4"	1 1/2"	TO 6"
1/2"	3 1/2"	6" TO 10"
3/4"	5 1/2"	OVER 10"

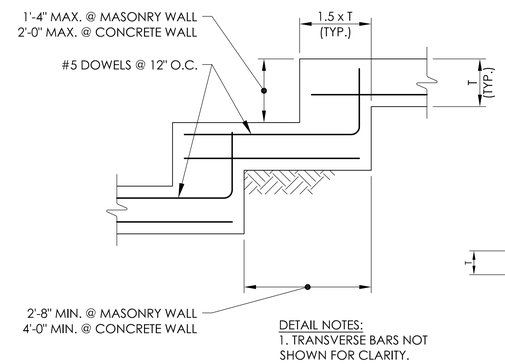


7 S802 TYPICAL CONSTRUCTION/CONTROL JOINT
SCALE: NTS



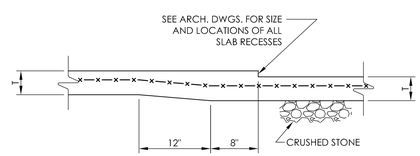
SECTION B-B

8 S802 TYPICAL DOOR THRESHOLD DETAIL
SCALE: NTS



DETAIL NOTES:
1. TRANSVERSE BARS NOT SHOWN FOR CLARITY.

9 S802 TYPICAL WALL FOOTING STEP DETAIL
SCALE: NTS



10 S802 TYPICAL RECESSED SLAB DETAIL
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK · JOSEPH P. RAMSEY · 073867 · LICENSED PROFESSIONAL ENGINEER

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	SAW	JPR

SCALE AS NOTED

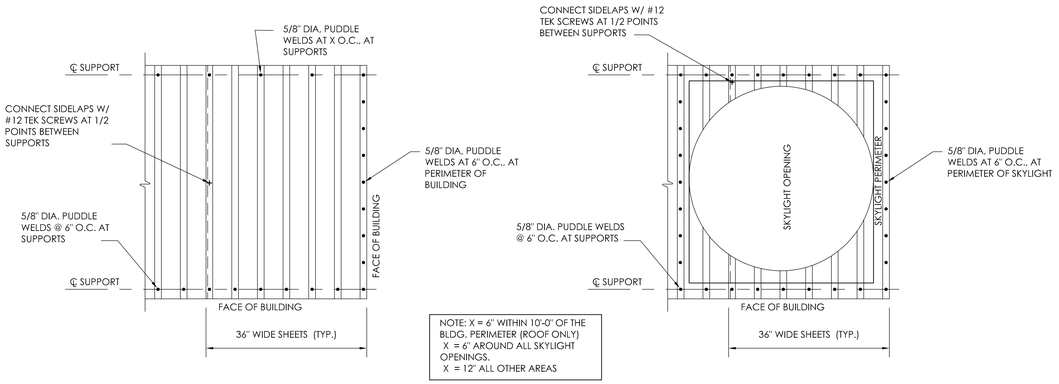
SHEET TITLE
STRUCTURAL TYPICAL DETAILS

PROJECT NUMBER
14426.04

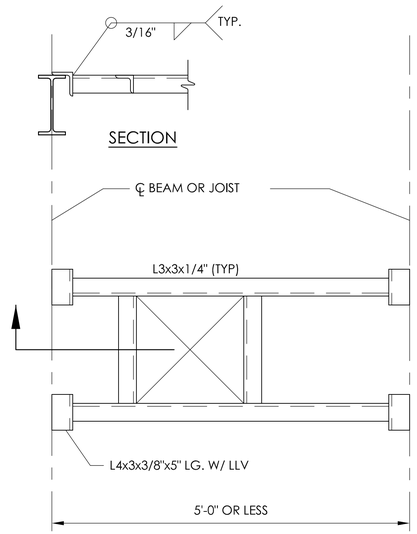
EES
S802
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS LICENSED OR CERTIFIED BY THE DEPARTMENT OF EDUCATION, TO ALTER AN ITEM IN ANY WAY. IF ITEMS BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PART SHALL APPLY ITS SEAL AND THE NOTATION "ALTERED" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

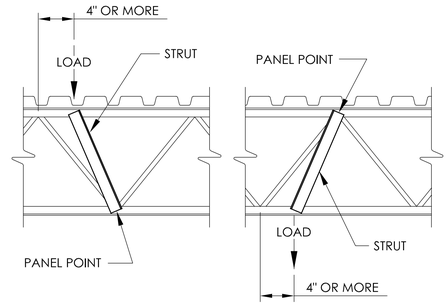
Plotted By: Seth Wittlinger
Date last plotted: 3/31/2021 8:28 AM
Date last accessed: 3/11/2021 3:09 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\STRUCT\S8\S800 - EES STRUCTURAL TYPICAL DETAILS & NOTES.dwg



1 S803 TYPICAL DECK ATTACHMENT DETAIL
SCALE: NTS

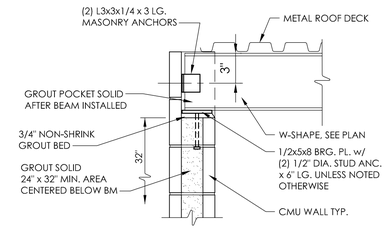


2 S803 TYPICAL STEEL FRAME FOR ROOF OPENING
SCALE: NTS

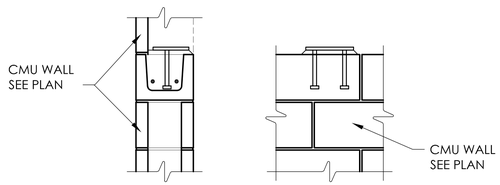


NOTE:
WHEN A CONCENTRATED LOAD EQUAL TO OR GREATER THAN 200 LBS. OCCURS 4" OR MORE FROM A PANEL POINT, A FIELD WELDED STRUT COMPOSED OF (2) L2x2x3/16 SHALL BE ADDED FROM THE POINT OF THE CONCENTRATED LOAD TO THE PANEL POINT ON THE OPPOSITE CHORD.

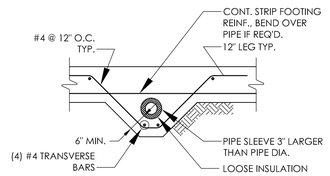
3 S803 TYPICAL CONCENTRATED LOAD ON JOIST DETAIL
SCALE: NTS



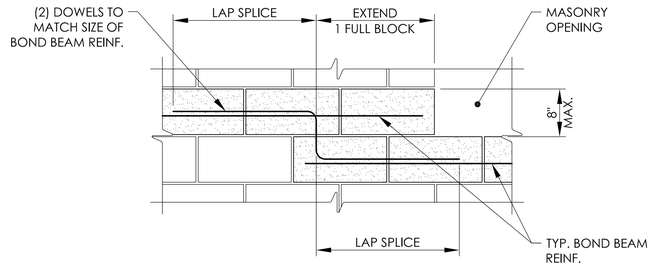
4 S803 TYPICAL BEAM BEARING ON MASONRY
SCALE: NTS



5 S803 TYPICAL BEARING PLATE IN MASONRY WALL
SCALE: NTS

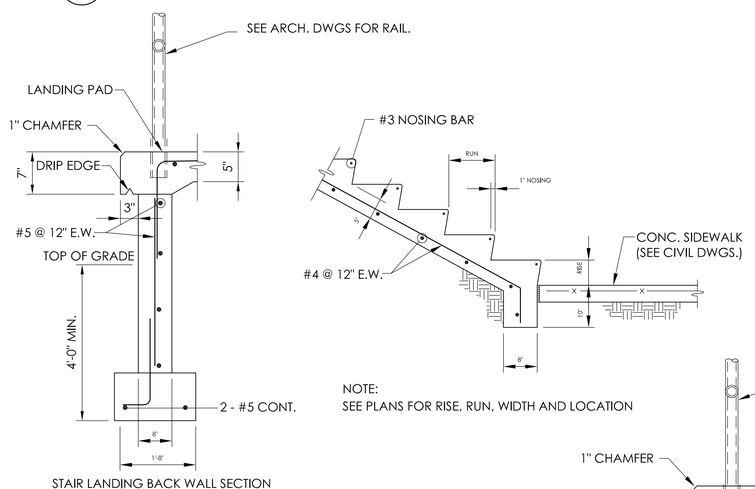


6 S803 TYPICAL PIPE SLEEVE THRU FOOTING
SCALE: NTS



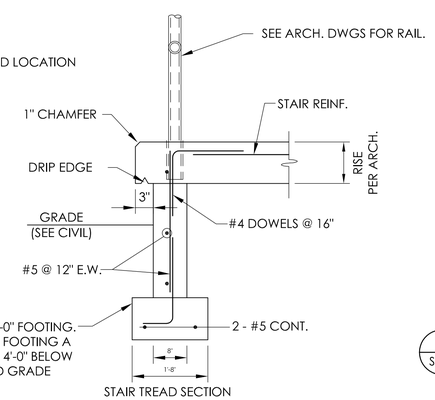
NOTES:
1. REFER TO MASONRY REINFORCING SCHEDULE FOR BOND BEAM REINFORCING INFORMATION.
2. VERTICAL WALL REINFORCEMENT NOT SHOWN FOR CLARITY.

7 S803 TYPICAL BOND BEAM STEP DETAIL
SCALE: NTS



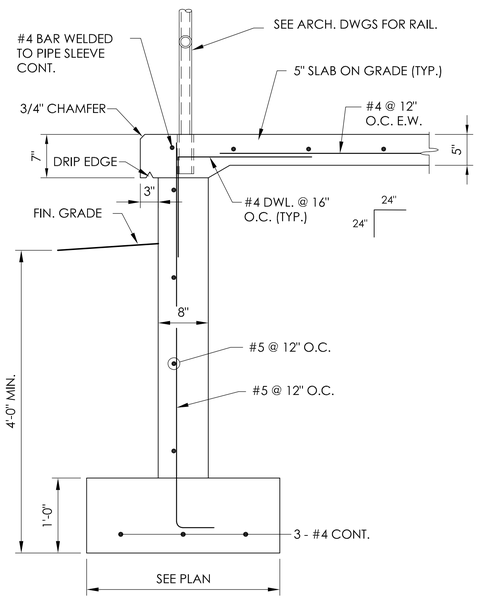
STAIR LANDING BACK WALL SECTION

NOTE:
SEE PLANS FOR RISE, RUN, WIDTH AND LOCATION

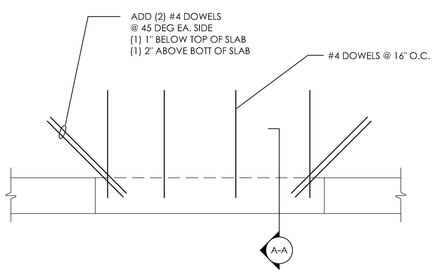


STAIR TREAD SECTION

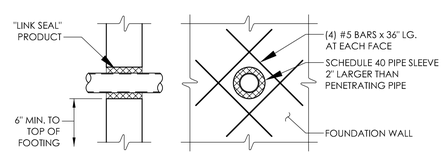
8 S803 TYPICAL CONCRETE STAIR ON GRADE
SCALE: NTS



9 S803 TYPICAL CONCRETE RAMP ON GRADE
SCALE: NTS



10 S803 TYPICAL SLAB AT DOOR OPENING DETAIL
SCALE: NTS



NOTE:
1. SEE MECH. DWGS. FOR EXACT SIZE AND LOCATION OF ALL PENETRATING PIPES.

11 S803 TYPICAL PIPE THRU FOUNDATION WALL
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	SAW	JPR

SCALE AS NOTED

SHEET TITLE
STRUCTURAL TYPICAL DETAILS CONT'D

PROJECT NUMBER
14426.04

EES
S803
DRAWING NUMBER

Plotted By: Seth Wittlinger
Date last plotted: 3/31/2021 9:15 AM
Date last accessed: 3/11/2021 3:09 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\STRUCT\S8\S800 - EES STRUCTURAL TYPICAL DETAILS & NOTES.dwg

THIS DRAWING AND THE ARCHITECTURAL WORK EMBODIED THEREIN IS AN ARCHITECTURAL WORK AND IS THE EXCLUSIVE PROPERTY AND COPYRIGHT OF CPL ARCHITECTS, ENGINEERS, PLANNERS, D.P.C. AND MAY NOT BE USED, IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF CPL ARCHITECTS, ENGINEERS, PLANNERS, D.P.C. ANY UNAUTHORIZED USE SHALL BE AT THE SOLE RISK OF THE USER. THE ARCHITECT'S PROFESSIONAL SEAL AFFIXED TO THIS DRAWING APPLIES ONLY TO THE SPECIFIC PROJECT AND DATE INDICATED IN THE TITLE BLOCK. ANY REUSE OF THE DRAWING FOR ANY OTHER PROJECT, OR ANY ALTERATION OF THE DRAWING, SHALL BE AT THE SOLE RISK OF THE PERSON OR ENTITY MAKING SUCH REUSE OR ALTERATION. THE ARCHITECT SHALL BE INDEMNIFIED AND HELD HARMLESS BY SUCH PERSON OR ENTITY FOR ANY AND ALL LIABILITY, LOSS OR DAMAGE ARISING FROM SUCH REUSE OR ALTERATION, INCLUDING ATTORNEY'S FEES AND COURT COSTS.

BUILDING CODE INFORMATION:

BASED ON THE 2020 BUILDING CODE OF NEW YORK STATE

OCCUPANCY CLASSIFICATION (SECTION 305):
EDUCATIONAL GROUP - E

ROOM AREAS: SEE PLANS

CONSTRUCTION TYPE (SECTION 602):
EXISTING: TYPE II-B
NEW: TYPE II-B

BUILDING HEIGHT (SECTION 504.3 & 504.4):
PERMITTED: 2 STORY 55'-0"
ACTUAL (NEW ADDITION): 1 STORY 22' ±

BUILDING AREAS (SECTION 506.2):
EXISTING
LOWER LEVEL: 62,328 SF
UPPER LEVEL: 31,058 SF

ADDITION (SEPARATE FIRE AREA)
LOWER LEVEL: 4,805 SF

FIRE RESISTANCE RATING REQUIREMENTS (TABLE 601):

PRIMARY STRUCTURAL FRAME =	0 HOUR
BEARING WALLS (EXTERIOR) =	0 HOUR
NON-BEARING WALLS & PARTITIONS (INTERIOR) =	0 HOUR
FLOOR CONST. & ASSOC. SECONDARY MEMBERS =	0 HOUR
ROOF CONST. & ASSOC. SECONDARY MEMBERS =	0 HOUR

ENERGY CODE INFORMATION:

BASED ON THE 2020 ENERGY CONSERVATION CODE OF NEW YORK STATE

CLIMATE ZONE (TABLE C301.1): 6A

FENESTRATION (TABLE C402.4):

FIXED:	*U*-FACTOR 0.36 MAX.
OPERABLE:	*U*-FACTOR 0.43 MAX.
ENTRANCE DOORS:	*U*-FACTOR 0.77 MAX.
VERTICAL FENESTRATION AREA:	< 30% OF GROSS ABOVE GRADE WALL AREA (ENTIRE BUILDING)(C402.4.1)
SKYLIGHT AREA:	< 3% OF GROSS ROOF AREA (ENTIRE BUILDING)(C402.4.1)

SHGC (PF < 0.2):	U-FACTOR 0.40 MAXIMUM
ROOF INSULATION:	R-30ci MIN. (TABLE C402.1.3)
ABOVE GRADE WALLS:	*U*-FACTOR 0.080 MAXIMUM (TABLE C402.1.4)
	PROVIDED: NEW EXTERIOR CAVITY WALL ASSEMBLY:
EXTERIOR AIR FILM:	R=0.17
4" FACE BRICK:	R=0.44
AIR SPACE:	R=1.00
2" RIGID INSULATION:	R=10.00
8" CMU:	R=1.11
INTERIOR AIR FILM:	R=0.68
TOTAL	R=13.4 = 0.074 U-FACTOR
	PROVIDED: NEW EXTERIOR THIN BRICK VENEER WALL ASSEMBLY:
EXTERIOR AIR FILM:	R=0.17
¾" BRICK VENEER:	R=0.06
BACKER PANEL:	R=0.61
2" RIGID INSULATION:	R=10.00
8" CMU:	R=1.11
INTERIOR AIR FILM:	R=0.68
TOTAL:	R=12.63 = 0.079 U-FACTOR

PLUMBING FIXTURES:

EXISTING TO REMAIN. NO ADDITIONAL CLASSROOM SPACES



2 A001 PARTIAL FIRST FLOOR PLAN
SCALE: 1/16" = 1'-0"

1 A001 PARTIAL FIRST FLOOR PLAN
SCALE: 1/16" = 1'-0"

LIFE SAFETY LEGEND

FE	FIRE EXTINGUISHER (WALL MOUNTED / BRACKET)
FEC	FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER
	EXIT DISCHARGE
	1-HOUR FIRE RATED FIRE PARTITION
	2-HOUR FIRE RATED FIRE WALL
TRAVEL DISTANCE	PATH OF EXIT ACCESS
RW	RESCUE WINDOW

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES; SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	PC	MJ

SCALE AS NOTED

SHEET TITLE
OVERALL FIRST FLOOR PLAN & CODE INFORMATION

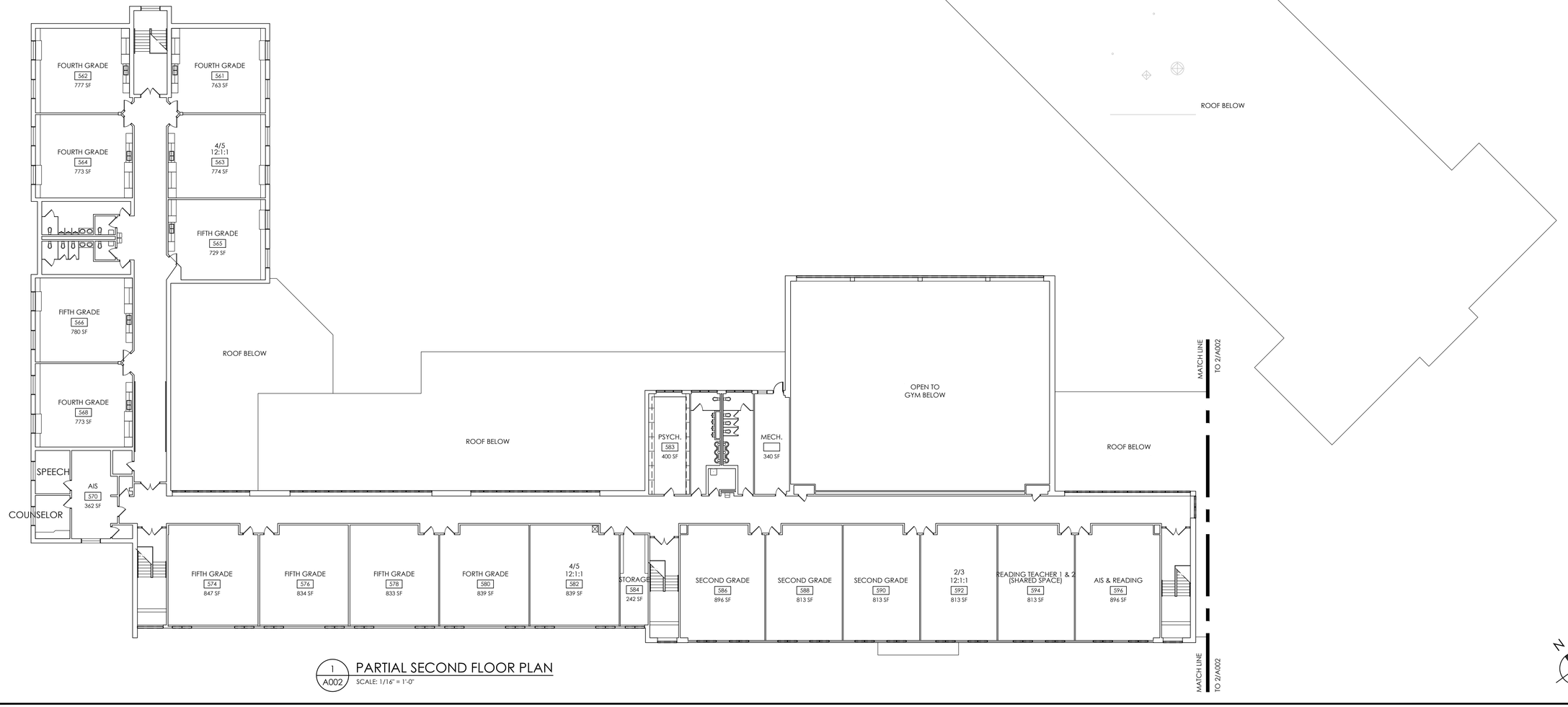
PROJECT NUMBER
14426.04

EES
A001
DRAWING NUMBER

THIS DRAWING AND THE IDEAS AND DESIGNS INCORPORATED HEREIN AS AN INSTRUMENT OF SERVICE IS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF THE ARCHITECT. ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHT, ARE HEREBY RESERVED BY THE ARCHITECT. ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY THE ARCHITECT ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. THEY ARE TO BE USED ONLY WITH RESPECT TO THIS PROJECT AND SHALL NOT BE USED ON ANY OTHER PROJECT. NO PART OF THESE DRAWINGS, SPECIFICATIONS OR COPIES THEREOF SHALL BE LOANED, GIVEN, SOLD OR OTHERWISE TRANSFERRED TO ANY PERSON OR ENTITY NOT IN THE EMPLOY OF THE ARCHITECT WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. NO PART OF THESE DRAWINGS, SPECIFICATIONS OR COPIES THEREOF SHALL BE LOANED, GIVEN, SOLD OR OTHERWISE TRANSFERRED TO ANY PERSON OR ENTITY NOT IN THE EMPLOY OF THE ARCHITECT WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. THE ALTERATION OF THE DRAWING IN ANY WAY IS STRICTLY PROHIBITED. ANY ALTERATION BY ANY PERSON OTHER THAN THE ARCHITECT OR UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR TO ALTER ANY ITEM IN ANY WAY IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS. FOR ANY PERSON, THEREFORE, TO ALTER ANY ITEM ON THIS DRAWING AND/OR TO ADD HIS/HER NAME TO THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR WITHOUT THE CONSENT OF THE ARCHITECT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS OR FOR ANY PERSON, THEREFORE, TO ALTER ANY ITEM ON THIS DRAWING AND/OR TO ADD HIS/HER NAME TO THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR WITHOUT THE CONSENT OF THE ARCHITECT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS.

Plotted By: Ryan Gosheo
Date last plotted: 3/30/2021 2:39 PM
Date last accessed: 2/16/2021 11:44 AM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A0\Phase 1 ES Library & Cafeteria Addition\A001.dwg

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A0\Phase 1 ES Library & Cafeteria Addition\A002.dwg
Date last accessed: 2/16/2021 11:46 AM
Date last plotted: 3/30/2021 2:46 PM
Plotted By: Ryan Goshea



2 A002 PARTIAL SECOND FLOOR PLAN
SCALE: 1/16" = 1'-0"

1 A002 PARTIAL SECOND FLOOR PLAN
SCALE: 1/16" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

MICHAEL JOSEPH MAHER 021982 STATE OF NEW YORK

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

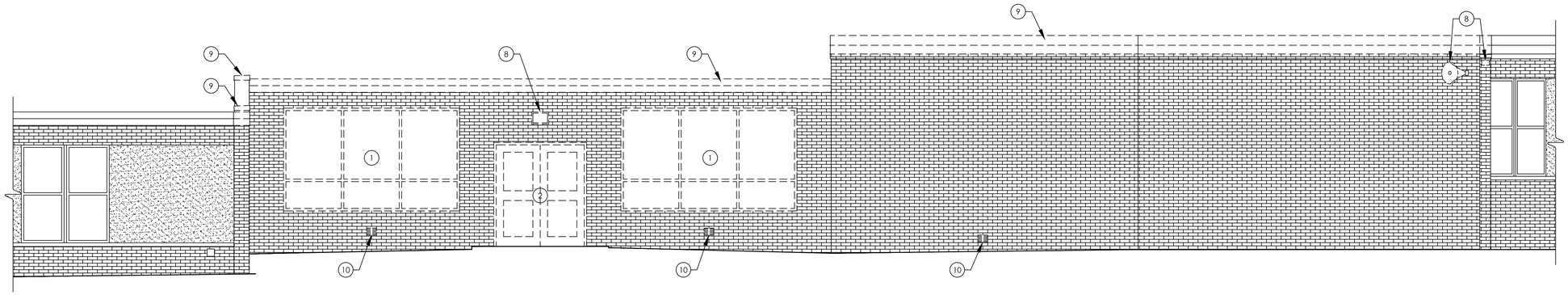
SCALE AS NOTED

SHEET TITLE
OVERALL SECOND FLOOR PLAN

PROJECT NUMBER
14426.04

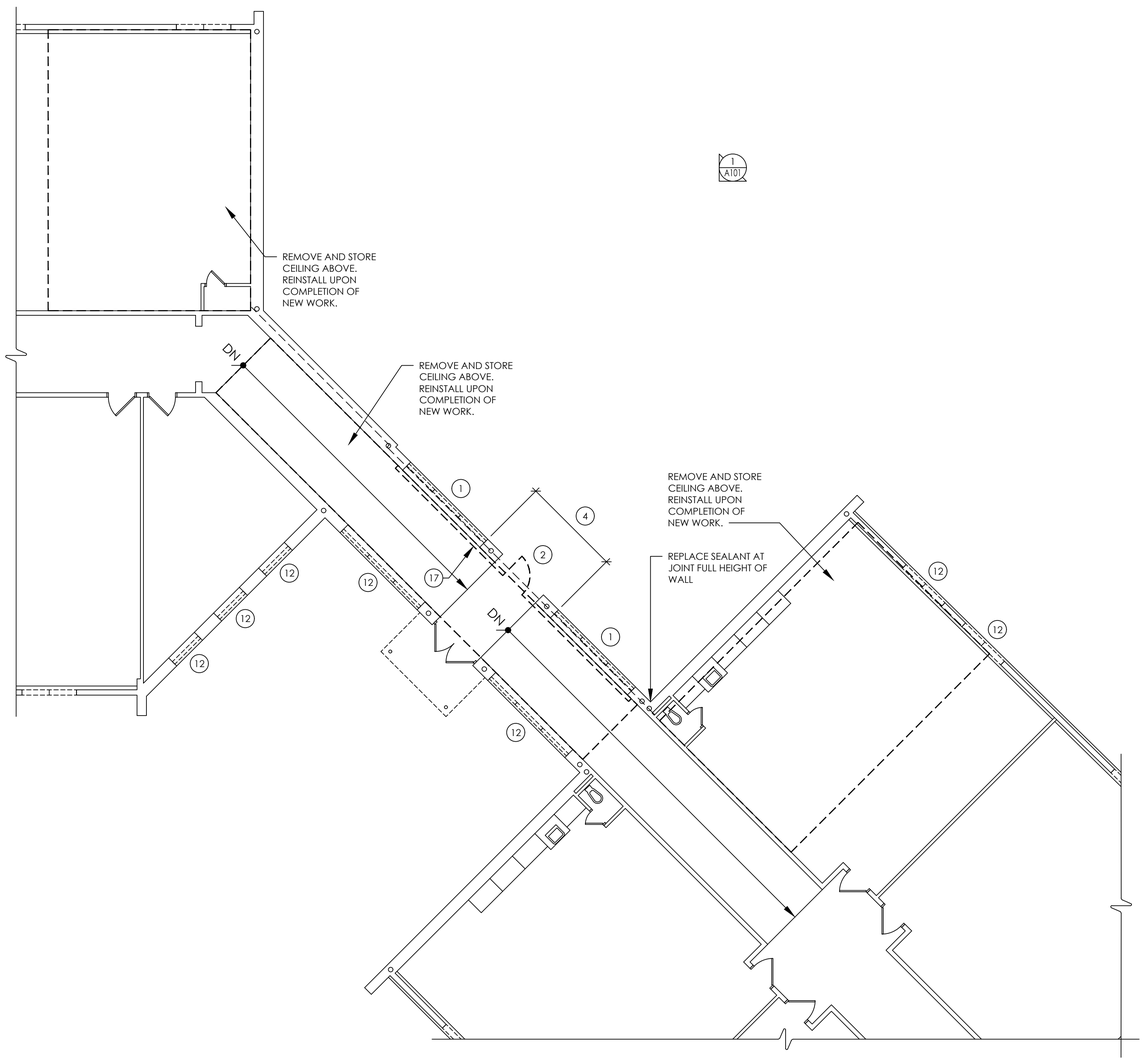
EES
A002
DRAWING NUMBER

THESE DRAWINGS AND SPECIFICATIONS ARE THE COPYRIGHTED PROPERTY OF THE ARCHITECT AND ARE NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF THE ARCHITECT. ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS OF THE UNITED STATES AND THE STATE OF NEW YORK. © 2021 CPL ARCHITECTS, ENGINEERS & PLANNERS, P.C.



1 / A101 EXISTING/DEMOLITION ELEVATION: CAFETERIA ADDITION AREA

SCALE: 1/4" = 1'-0"



2 / A101 EXISTING/DEMOLITION PLAN: CAFETERIA ADDITION AREA

SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS AND DETAILS INVOLVED IN THE DEMOLITION WORK.

B. THE OWNER SHALL PROVIDE THE CONTRACTOR WITH A LIST OF ALL ITEMS TO BE SALVAGED PRIOR TO CONSTRUCTION.

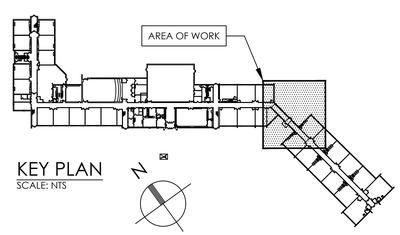
C. THE CONTRACTOR SHALL PROTECT ADJACENT SURFACES AND FINISHES NOT SCHEDULED FOR DEMOLITION WORK AND SHALL REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTED WORK AT NO ADDITIONAL COST TO THE OWNER.

D. THE CONTRACTOR SHALL COORDINATE THE DEMOLITION WORK WITH THE OVERALL PROJECT PHASING.

E. THE CONTRACTOR SHALL MAINTAIN AND CONTINUE SAFE ACCESS TO ALL EXITS FOR THE BUILDING OCCUPANTS DURING CONSTRUCTION.

DEMOLITION KEY NOTES:

1. REMOVE EXISTING WINDOW & FRAME (INCLUDING INSULATED PANELS, LOUVERS, ETC.) IN ITS ENTIRETY. REMOVAL INCLUDES ALL PANNING, TRIM, SEALANT, FASTENERS, CLIP ANGLES, ETC.
2. REMOVE EXISTING DOOR & FRAME IN ITS ENTIRETY TO ACCOMMODATE NEW WORK.
3. REMOVE EXISTING WALL TO ACCOMMODATE NEW WORK.
4. REPOINT BRICK MASONRY, PROVIDE MISSING BRICK AND REPLACE DAMAGED BRICK. UNLESS NOTED OTHERWISE, THE AREAS SHOWN ARE AT THE BASE OF THE EXTERIOR WALL (FROM GRADE TO APPROXIMATELY 4 FEET ABOVE GRADE - ACTUAL HEIGHT VARIES). MORTAR COLOR AND TOOLING TO MATCH THAT IN ADJACENT EXISTING BRICKWORK. SHAPE, COLOR, AND TEXTURE OF NEW BRICK TO MATCH EXISTING ADJACENT BRICK.
5. REMOVE EXISTING KITCHEN EQUIPMENT TO ACCOMMODATE NEW WORK (BY MECHANICAL, ELECTRICAL, PLUMBING & FOOD SERVICE EQUIPMENT CONTRACTORS).
6. REMOVE EXISTING CEILING SYSTEM IN ITS ENTIRETY TO ACCOMMODATE NEW WORK.
7. REMOVE EXISTING FLOORING IN ITS ENTIRETY TO ACCOMMODATE NEW WORK.
8. EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED BY ELECTRICAL CONTRACTOR.
9. REMOVE EXISTING METAL FASCIA AS NECESSARY TO ACCOMMODATE FOR NEW WORK.
10. REMOVE EXISTING VENTS AND PATCH WITH CONSTRUCTION TO MATCH EXISTING.
11. REMOVE EXISTING BUILT-IN CASEWORK.
12. EXISTING WINDOWS TO BE REPLACED BY OTHERS. (NOT IN CONTRACT)
13. REMOVE EXISTING WALL BASE OR TILE WAINSCOT.
14. REMOVE EXISTING WINDOW TREATMENTS.
15. PATCH FLOOR WITH LIKE CONSTRUCTION WHERE PLUMBING IS BEING REMOVED. SEE P101 FOR LOCATIONS.
16. REMOVE EXISTING WALL FINISH TO ACCOMMODATE FOR NEW WORK.
17. PROVIDE 1-HR FIRE-RATED TEMPORARY PARTITION (FROM FLOOR TO UNDERSIDE OF DECK ABOVE) WITH 3'-0 x 6'-8" DOOR.
18. OPEN FLOOR SLAB AS REQUIRED TO ALLOW PLUMBING WORK. PATCH FLOOR AS NEEDED TO ACCOMMODATE NEW WORK.



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	PC	MJ

SCALE AS NOTED

SHEET TITLE
EXISTING/DEMOLITION PLAN: CAFETERIA ADDITION AREA

PROJECT NUMBER
14426.04

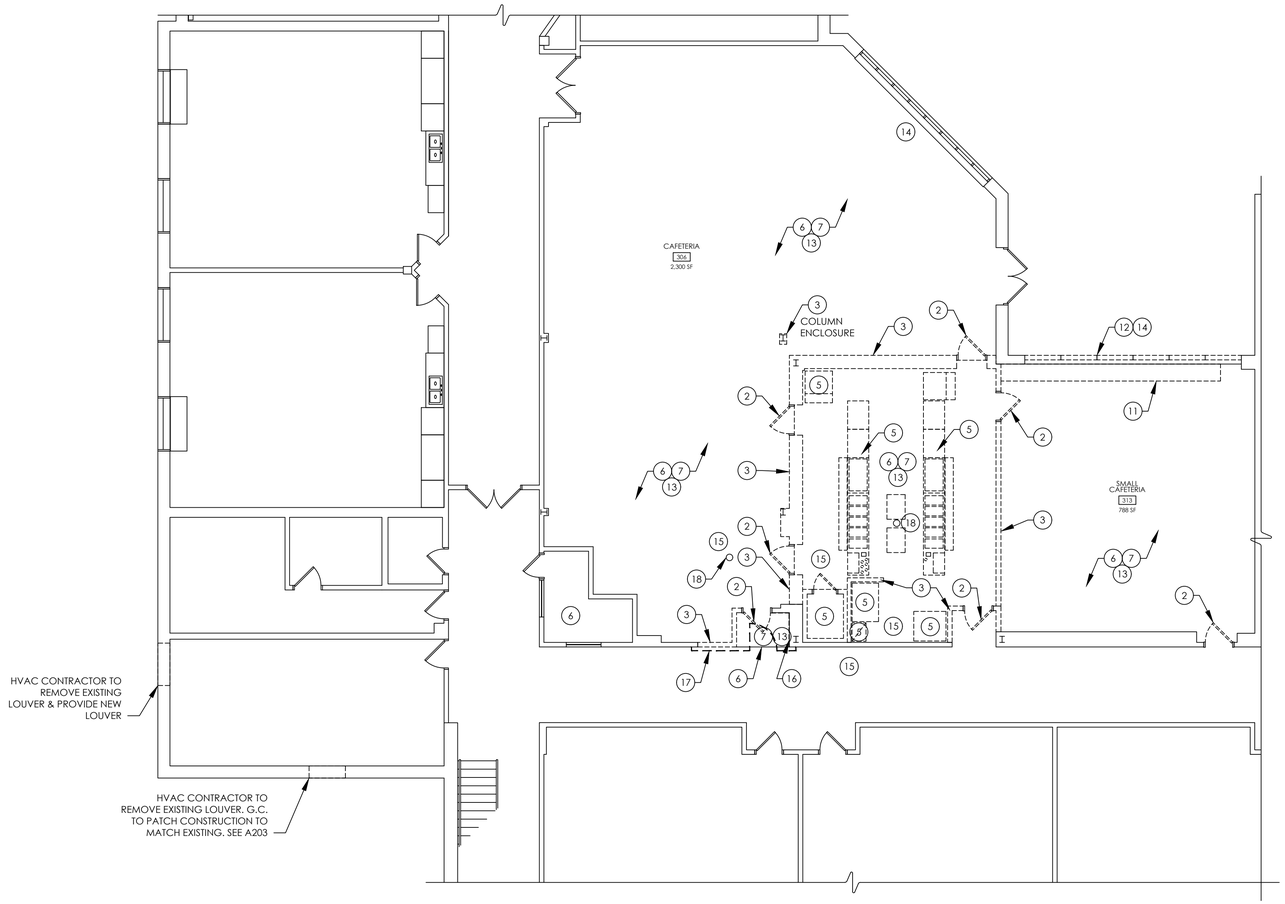
EES
A101
DRAWING NUMBER

THESE DRAWINGS AND SPECIFICATIONS, AS AN INSTRUMENT OF SERVICE, ARE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTS, ENGINEERS, PLANNERS, AND SHALL NOT BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CPL ARCHITECTS, ENGINEERS, PLANNERS. VISUAL CONTACT WITH THESE DRAWINGS AND SPECIFICATIONS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

ALL CONSTRUCTION SHALL COMPLY WITH THE 2020 NEW YORK STATE EDUCATION LAW AND ALL COMMISSIONER REGULATIONS AS APPLICABLE. ALL WORK SHALL BE PERFORMED BY PERSONNEL QUALIFIED BY EXPERIENCE AND TRAINING TO PERFORM SUCH WORK. ALL CONSTRUCTION SHALL BE UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, AS DETERMINED BY NEW YORK STATE EDUCATION LAW ARTICLE 145 FOR ARCHITECTS, ENGINEERS OR LAND SURVEYORS AND ARTICLE 147 FOR LANDSCAPE ARCHITECTS. ALL ADDITIONS AND ALTERATIONS SHALL COMPLY WITH THE 2020 NEW YORK STATE EXISTING BUILDING CODE.

Plotted By: Mark Johnson
Date last plotted: 7/1/2022 3:50 PM
Date last accessed: 7/1/2022 3:49 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A1\Phase 1 ES Library & Cafe Addition\EES A101-A102.dwg

Date last accessed: 7/1/2022 3:48 PM Date last plotted: 7/1/2022 3:48 PM Plotted By: Mark Johnson
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond ReND Design\06 CAD\AutoCAD\ARCH\A1\Phase 1 ES Library & Cafe Addition\EES A101-A102.dwg



1 / A102 EXISTING/DEMOLITION PLAN - EXISTING CAFETERIA
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS AND DETAILS INVOLVED IN THE DEMOLITION WORK.

B. THE OWNER SHALL PROVIDE THE CONTRACTOR WITH A LIST OF ALL ITEMS TO BE SALVAGED PRIOR TO CONSTRUCTION.

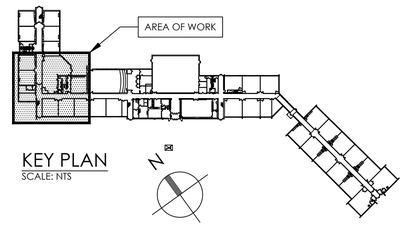
C. THE CONTRACTOR SHALL PROTECT ADJACENT SURFACES AND FINISHES NOT SCHEDULED FOR DEMOLITION WORK AND SHALL REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTED WORK AT NO ADDITIONAL COST TO THE OWNER.

D. THE CONTRACTOR SHALL COORDINATE THE DEMOLITION WORK WITH THE OVERALL PROJECT PHASING.

E. THE CONTRACTOR SHALL MAINTAIN AND CONTINUE SAFE ACCESS TO ALL EXITS FOR THE BUILDING OCCUPANTS DURING CONSTRUCTION.

DEMOLITION KEY NOTES:

1. REMOVE EXISTING WINDOW & FRAME (INCLUDING INSULATED PANELS, LOUVERS, ETC.) IN ITS ENTIRETY. REMOVAL INCLUDES ALL PANNING, TRIM, SEALANT, FASTENERS, CLIP ANGLES, ETC.
2. REMOVE EXISTING DOOR & FRAME IN ITS ENTIRETY TO ACCOMMODATE NEW WORK.
3. REMOVE EXISTING WALL TO ACCOMMODATE NEW WORK.
4. REPOINT BRICK MASONRY, PROVIDE MISSING BRICK AND REPLACE DAMAGED BRICK. UNLESS NOTED OTHERWISE, THE AREAS SHOWN ARE AT THE BASE OF THE EXTERIOR WALL (FROM GRADE TO APPROXIMATELY 4 FEET ABOVE GRADE - ACTUAL HEIGHT VARIES). MORTAR COLOR AND TOOLING TO MATCH THAT IN ADJACENT EXISTING BRICKWORK. SHAPE, COLOR, AND TEXTURE OF NEW BRICK TO MATCH EXISTING ADJACENT BRICK.
5. REMOVE EXISTING KITCHEN EQUIPMENT TO ACCOMMODATE NEW WORK (BY MECHANICAL, ELECTRICAL, PLUMBING & FOOD SERVICE EQUIPMENT CONTRACTORS).
6. REMOVE EXISTING CEILING SYSTEM IN ITS ENTIRETY TO ACCOMMODATE NEW WORK.
7. REMOVE EXISTING FLOORING IN ITS ENTIRETY TO ACCOMMODATE NEW WORK.
8. EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED BY ELECTRICAL CONTRACTOR.
9. REMOVE EXISTING METAL FASCIA AS NECESSARY TO ACCOMMODATE FOR NEW WORK.
10. REMOVE EXISTING VENTS AND PATCH WITH CONSTRUCTION TO MATCH EXISTING.
11. REMOVE EXISTING BUILT-IN CASEWORK.
12. EXISTING WINDOWS TO BE REPLACED BY OTHERS. (NOT IN CONTRACT)
13. REMOVE EXISTING WALL BASE OR TILE WAINSCOT.
14. REMOVE EXISTING WINDOW TREATMENTS.
15. PATCH FLOOR WITH LIKE CONSTRUCTION WHERE PLUMBING IS BEING REMOVED. SEE P101 FOR LOCATIONS.
16. REMOVE EXISTING WALL FINISH TO ACCOMMODATE FOR NEW WORK.
17. PROVIDE 1-HR FIRE-RATED TEMPORARY PARTITION (FROM FLOOR TO UNDERSIDE OF DECK ABOVE) WITH 3'-0 x 6'-8" DOOR.
18. OPEN FLOOR SLAB AS REQUIRED TO ALLOW PLUMBING WORK. PATCH FLOOR AS NEEDED TO ACCOMMODATE NEW WORK.



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

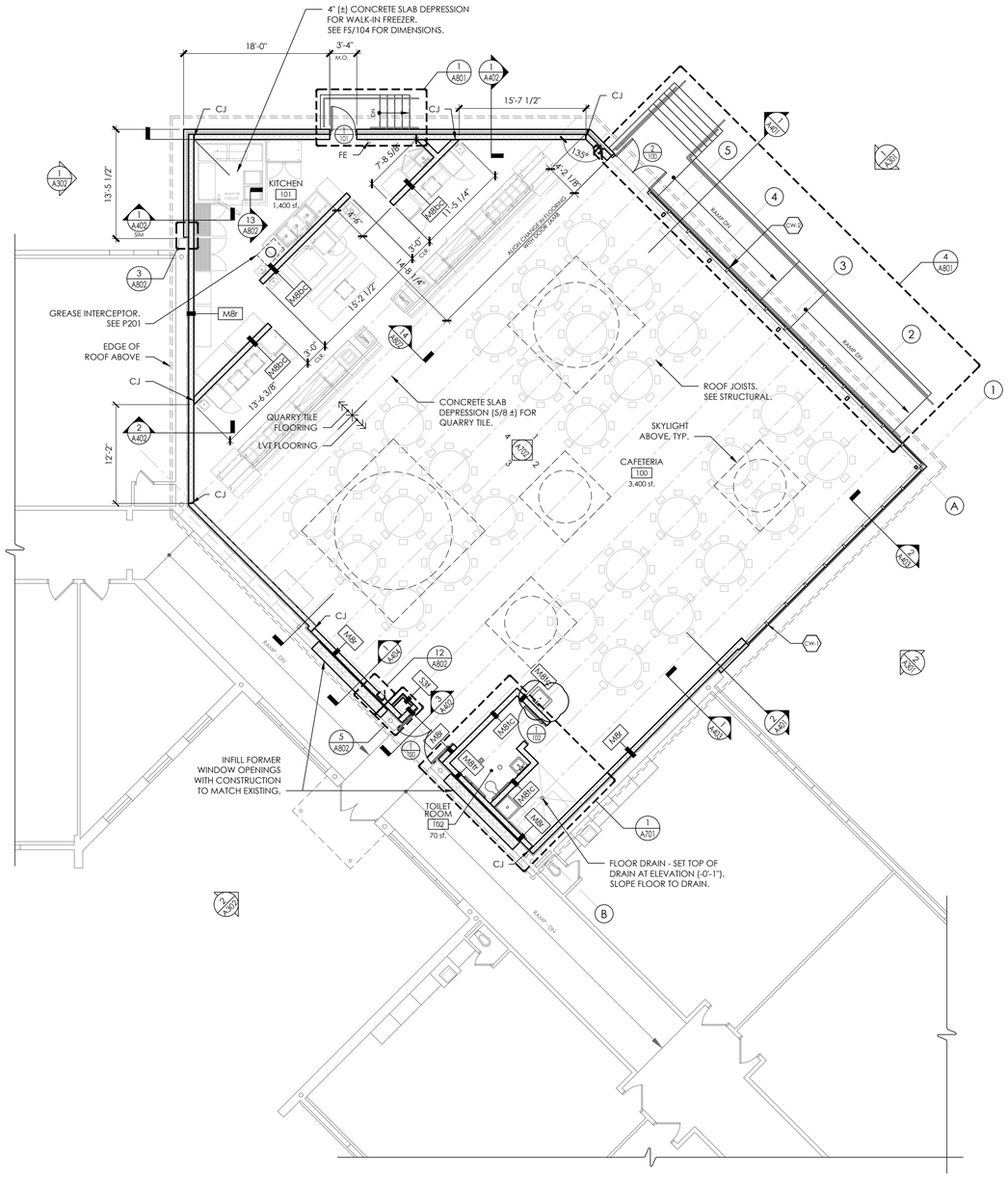
SCALE AS NOTED

SHEET TITLE
EXISTING/DEMOLITION PLAN:
EXISTING CAFETERIA / NEW LIBRARY AREA

PROJECT NUMBER
14426.04

EES
A102
DRAWING NUMBER

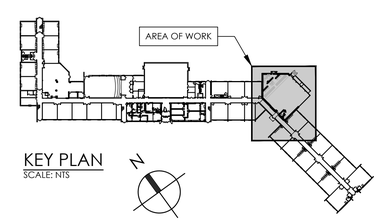
ALTERATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO SUCH ITEM THE SEAL OF THE ARCHITECT, ENGINEER OR LAND SURVEYOR ALTERING THE ITEM AND A NOTATION INDICATING THE ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



1 A201 CAFETERIA ADDITION NEW WORK FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES:

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL 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. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
7. ALL DIMENSIONS ARE TO THE FINISH FACE OF WALL UNLESS NOTED OTHERWISE.



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE + ENGINEERING + PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

SHEET TITLE
CAFETERIA ADDITION NEW WORK FLOOR PLAN

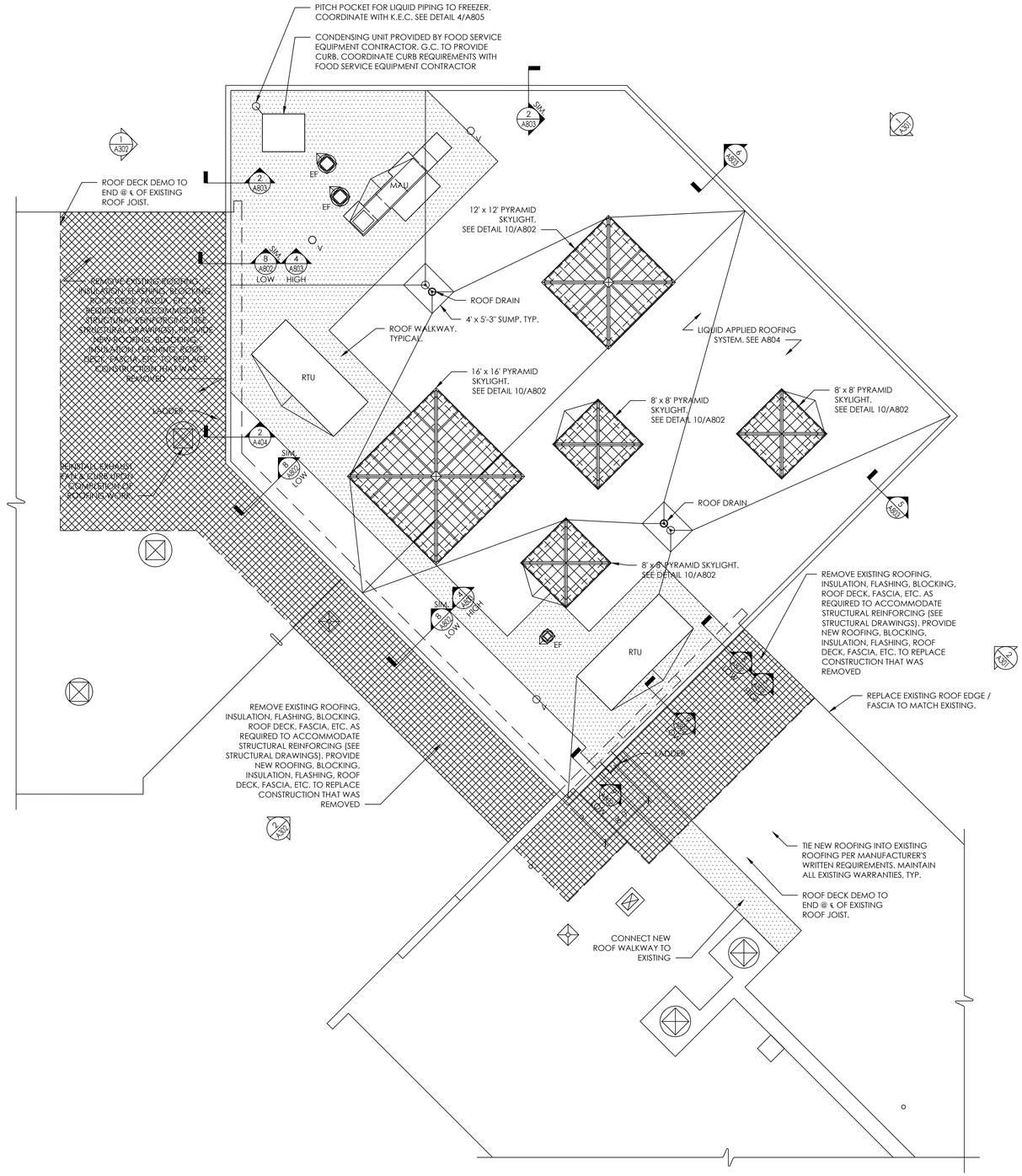
PROJECT NUMBER
14426.04

EES
A201
DRAWING NUMBER

THESE PLANS AND SPECIFICATIONS BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LANDSCAPE ARCHITECT ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT, ENGINEER OR LANDSCAPE ARCHITECT WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THEY ARE NOT TO BE USED BY THE OWNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT, ENGINEER OR LANDSCAPE ARCHITECT. REUSE OF DOCUMENTS FOR ANY PURPOSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ARCHITECT, ENGINEER OR LANDSCAPE ARCHITECT FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO THE ARCHITECT, ENGINEER OR LANDSCAPE ARCHITECT. ANY VERIFICATION OR ADAPTATION WILL ENTITLE THE ARCHITECT, ENGINEER OR LANDSCAPE ARCHITECT TO FURTHER COMPENSATION AT RATES TO BE AGREED UPON BY OWNER AND ARCHITECT, ENGINEER OR LANDSCAPE ARCHITECT. SUBMISSION OR DISTRIBUTION OF DOCUMENTS TO MEET OFFICIAL REGULATORY REQUIREMENTS OR FOR PURPOSES IN CONNECTION WITH THE PROJECT IS NOT TO BE CONSTRUED AS PUBLICATION IN DEROGATION OF THE ARCHITECT, ENGINEER OR LANDSCAPE ARCHITECT'S COMMON LAW COPYRIGHT OR OTHER RESERVED RIGHTS.

© 2022 CPL ARCHITECTURE ENGINEERING PLANNING P.C.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A2\Phase 1\A201_A202_A203_Plans.dwg
Date last accessed: 1/12/2022 1:39 PM
Date last plotted: 1/12/2022 1:53 PM
Plotted By: Mark Johnson



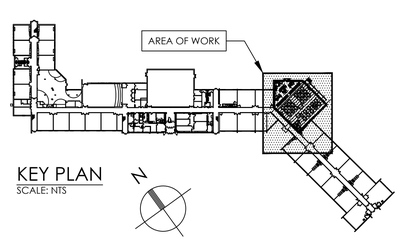
1 A202 CAFETERIA ADDITION NEW WORK ROOF PLAN
SCALE: 1/8" = 1'-0"

ROOF LEGEND

- V — **ROOF VENT** (SEE DETAIL 6/A804)
- RD — **ROOF DRAIN** (SEE DETAIL 8/A804)
- EF — **EXHAUST FAN** (SEE DETAIL 2/A804)
- RTU — **ROOF TOP UNIT** (SEE DETAIL 2/A804)
- MAU — **MAKE-UP AIR UNIT** (SEE DETAIL 2/A804)
- **ROOF LADDER** (SEE 3/A404)

GENERAL ROOFING NOTES:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL DETAILS INVOLVED IN THE ROOFING CONTRACT.
2. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
3. THE CONTRACTOR SHALL PROTECT ALL ADJACENT SURFACES NOT SCHEDULED FOR WORK AND TO REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTOR WORK AT NO ADDITIONAL COST TO THE OWNER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN WATER TIGHTNESS & PROVIDE PROTECTION AT ANY/ALL OPENINGS IN ROOF LEFT AT THE END OF EACH CONSTRUCTION DAY.
5. THE CONTRACTOR SHALL COORDINATE ROOFING WORK WITH THE OWNER'S OPERATIONS SCHEDULE.
6. PROVIDE POSITIVE DRAINAGE TO ROOF DRAINS BY EMPLOYING RIGID TAPERED INSULATION (¼" PER FOOT MINIMUM SLOPE) CRICKET PANELS, KITES, AND SADDLES WHERE INDICATED AND OR REQUIRED.
7. ALL ROOFING SHALL BE CLASS A ASSEMBLY
8. ROOF INSULATION TO PROVIDE R-30 MINIMUM.
9. MECHANICAL CONTRACTOR SHALL SUPPLY CURBS FOR ROOF-MOUNTED HVAC EQUIPMENT TO THE GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL INSTALL CURBS. MECHANICAL CONTRACTOR TO PROVIDE ALL LAYOUTS.



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

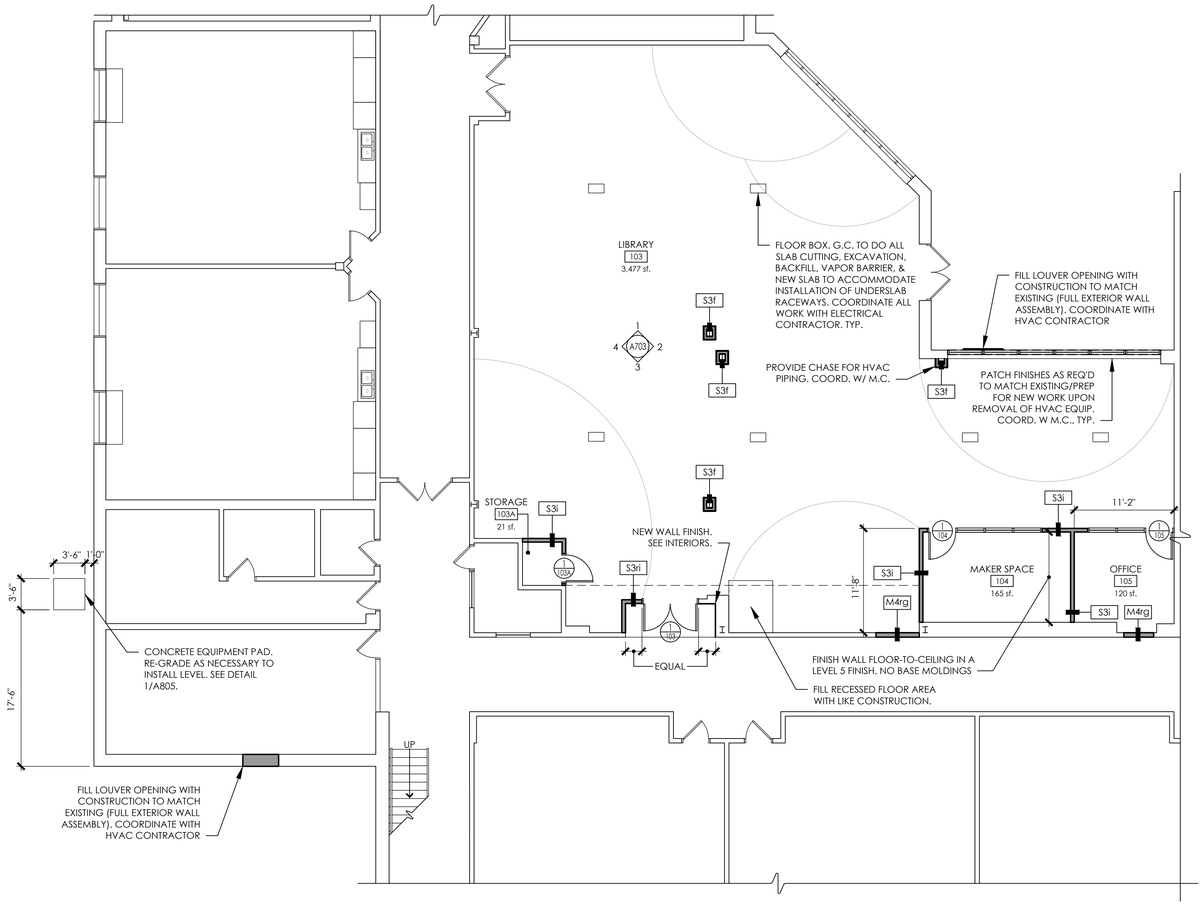
SHEET TITLE
CAFETERIA ADDITION NEW WORK ROOF PLAN

PROJECT NUMBER
14426.04

EES
A202
DRAWING NUMBER

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW § 7209 FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE SEAL OF THE ARCHITECT, ENGINEER OR LAND SURVEYOR ALTERING THE ITEM AND A NOTATION INDICATING THE DESCRIPTION OF THE ALTERATION.

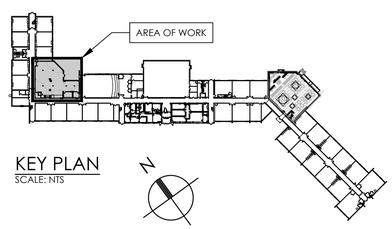
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond ReND Design\06 CAD\AutoCAD\ARCH\A2\Phase 1\A201_A202_A203_Plans.dwg
Date last accessed: 7/1/2022 3:45 PM
Date last plotted: 7/1/2022 3:46 PM
Plotted By: Mark Johnson



1 / A203 LIBRARY NEW WORK FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES:

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL 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. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
7. ALL DIMENSIONS ARE TO THE FINISH FACE OF WALL UNLESS NOTED OTHERWISE.



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	PC	MJ

SCALE AS NOTED

SHEET TITLE
LIBRARY NEW WORK FLOOR PLAN

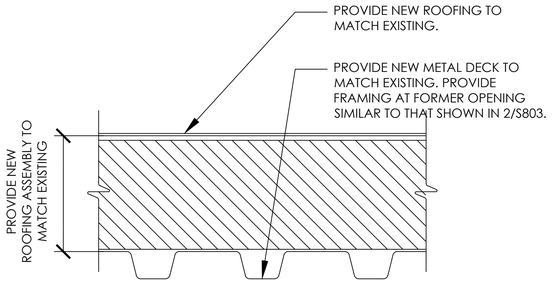
PROJECT NUMBER
14426.04

EES
A203
DRAWING NUMBER

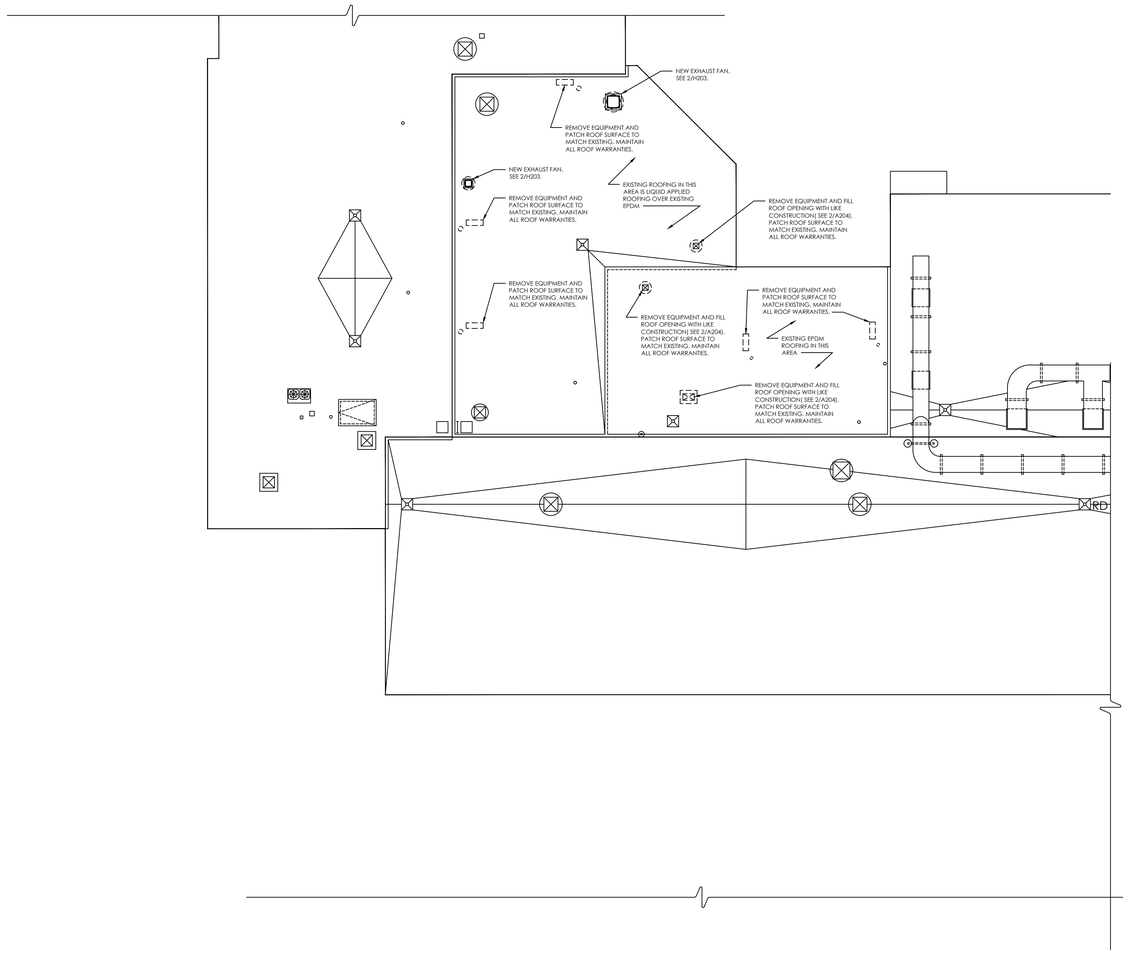
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS THEY ARE A LICENSED ARCHITECT OR ENGINEER OR COMMISSIONER REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF ITEMS BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR ARE ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A2\Phase 1\A201_A202_A203_Plans.dwg
Date last accessed: 3/3/2021 2:15 PM
Date last plotted: 3/30/2021 2:51 PM
Plotted By: Ryan Goshea

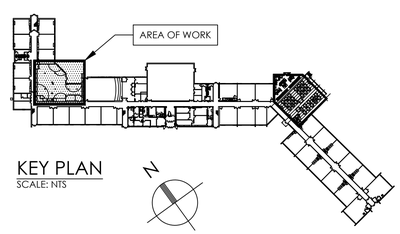
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A2\Phase 1\A201_A202_A203_Plans.dwg
Date last accessed: 7/1/2022 4:02 PM
Date last plotted: 7/1/2022 4:03 PM
Plotted By: Mark Johnson



2 / A204 ROOF INFILL DETAIL
SCALE: 3" = 1'-0"



1 / A204 LIBRARY NEW WORK ROOF PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN
SCALE: NTS

GENERAL CONSTRUCTION NOTES:

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL 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. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
7. ALL DIMENSIONS ARE TO THE FINISH FACE OF WALL UNLESS NOTED OTHERWISE.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	PC	MJ

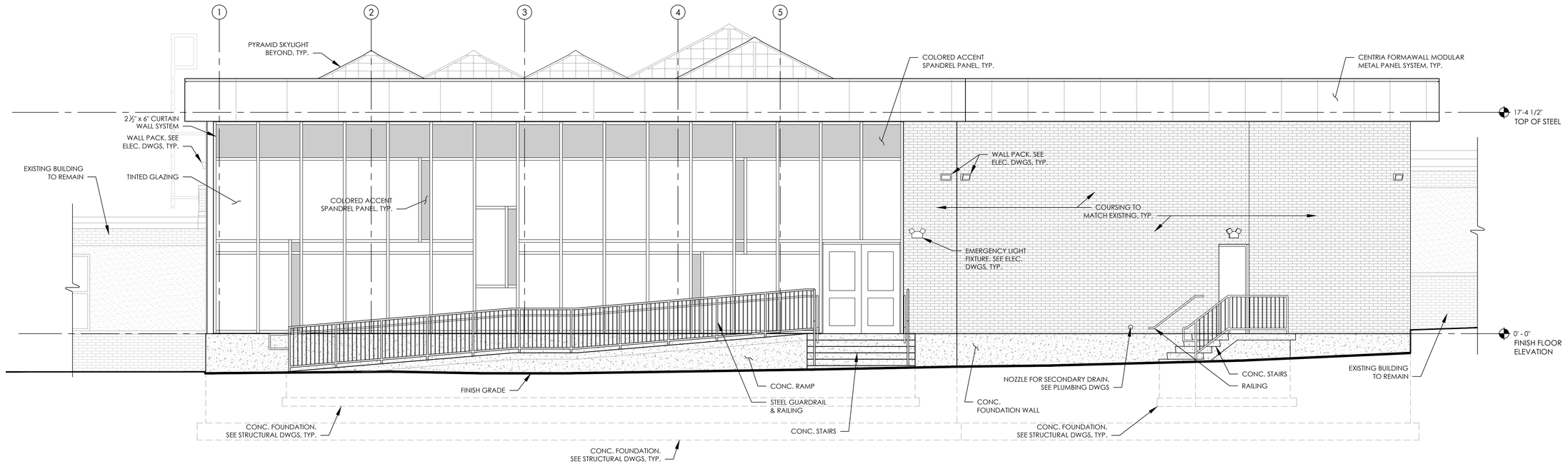
SCALE AS NOTED

SHEET TITLE
LIBRARY NEW WORK ROOF PLAN

PROJECT NUMBER
14426.04

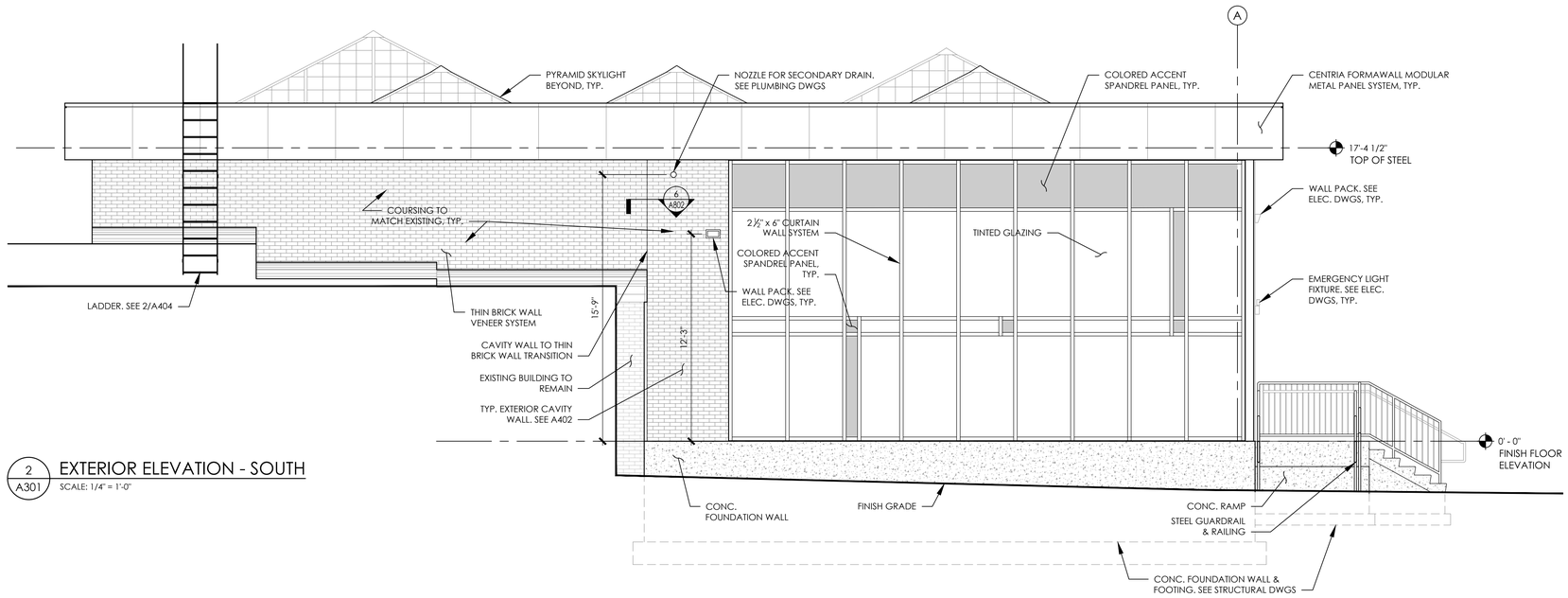
EES
A204
DRAWING NUMBER

ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LANDSCAPE ARCHITECT COMMISSIONED PURSUANT TO ARTICLE 145 OF THE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LANDSCAPE ARCHITECT IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO SUCH ITEM THE SEAL OF THE ARCHITECT, ENGINEER OR LANDSCAPE ARCHITECT ALTERING SUCH ITEM AND A NOTATION INDICATING THE EXTENT OF THE ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



1 / A301 EXTERIOR ELEVATION - EAST

SCALE: 1/4" = 1'-0"



2 / A301 EXTERIOR ELEVATION - SOUTH

SCALE: 1/4" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

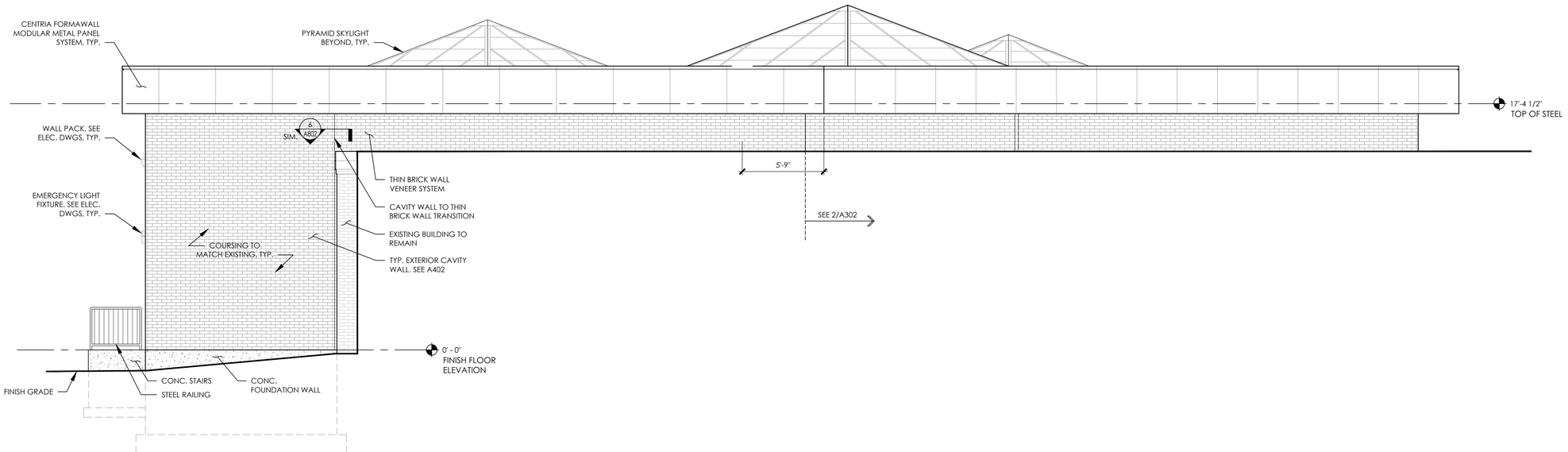
SHEET TITLE
CAFETERIA ADDITION
NEW WORK ELEVATIONS

PROJECT NUMBER
14426.04

EES
A301
DRAWING NUMBER

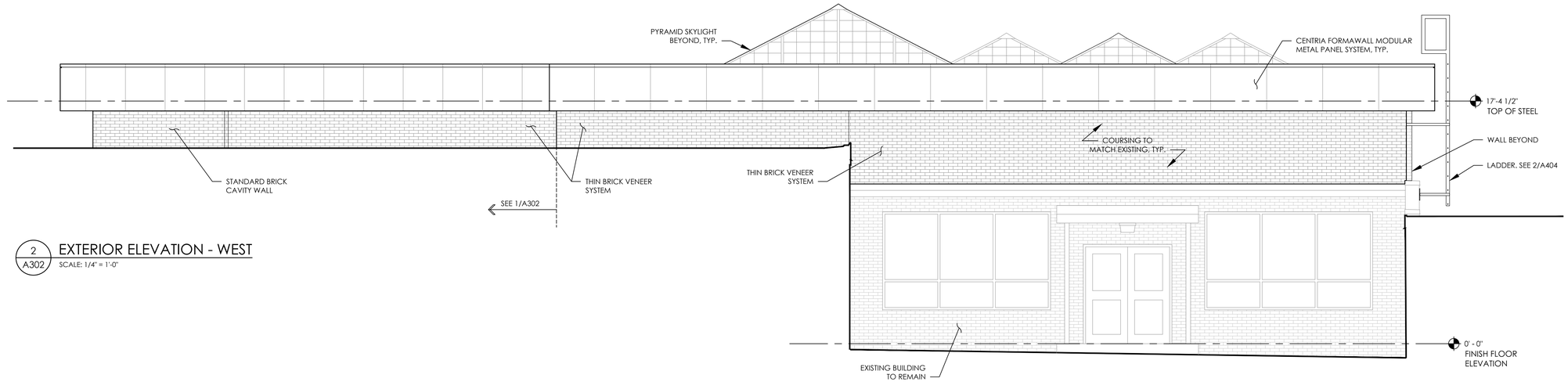
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY A DRAWING OR SPECIFICATION THAT BEARS THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR. THE ALTERING PARTY SHALL AFFIX TO THE ALTERED ITEM THE SEAL OF THE LICENSEE AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A3\Phase 1\A301_Elevations.dwg
Date last accessed: 3/11/2021 2:47 PM
Date last plotted: 3/30/2021 2:54 PM
Plotted By: Ryan Goshea



1 A302 EXTERIOR ELEVATION - NORTH WEST

SCALE: 1/4" = 1'-0"



2 A302 EXTERIOR ELEVATION - WEST

SCALE: 1/4" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

MICHAEL JOSEPH JOHNSON — 21982 — STATE OF NEW YORK

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES; SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

SHEET TITLE
CAFETERIA ADDITION
NEW WORK ELEVATIONS

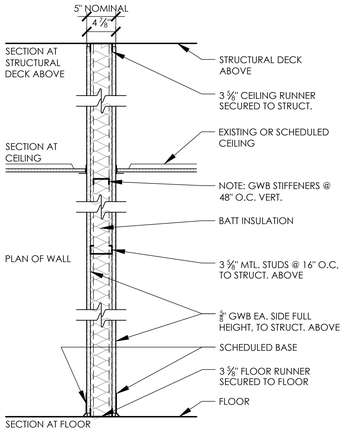
PROJECT NUMBER
14426.04

EES
A302
DRAWING NUMBER

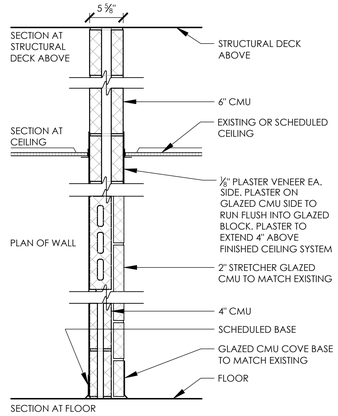
THESE PLANS AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF SERVICE, ARE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTS, ENGINEERS, PLANNERS AND SHALL NOT BE USED BY ANY PERSON OR ENTITY FOR ANY PROJECT WITHOUT THE EXPRESS WRITTEN CONSENT OF CPL. VISUAL CONTACT WITH THESE PLANS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS. ANY UNAUTHORIZED USE, DISCLOSURE OR ALTERATION OF THESE PLANS IS STRICTLY PROHIBITED AND MAY BE SUBJECT TO CIVIL AND CRIMINAL PENALTIES. ALL UNAUTHORIZED USERS AGREE TO INDEMNIFY AND HOLD HARMLESS CPL FROM ANY DAMAGES, LOSSES, OR EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

© COPYRIGHT OF THE NEW YORK STATE EDUCATION DEPARTMENT AND THE COMMISSIONER REGULATIONS OF THE COMMISSIONER OF EDUCATION. PURSUANT TO SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR.

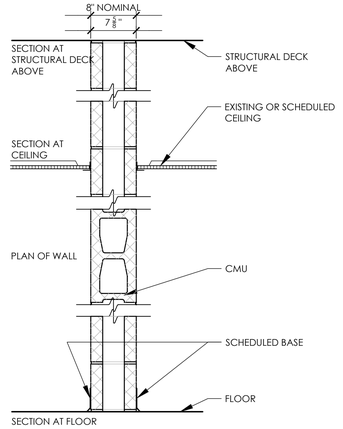
Plotted By: Ryan Goshea
Date last plotted: 3/30/2021 2:54 PM
Date last accessed: 3/11/2021 2:47 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A3\Phase 1\A301_Elevations.dwg



TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3i	NA	NA	47
S3f	NA	NA	47
S3ri	UL-U419	1 HR	47



TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
M4rg	UL - U906 (OR UL - U905)	1 HR	55



TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
M8	NA	NR	55
M8r	UL - U905	2 HR	55
M8tr	UL - U905	2 HR	55
M8tc	NA	NR	55
M8bc	NA	NR	55

1 A400 PARTITION TYPE DETAILS
SCALE: N.T.S.

PARTITION TYPE LEGEND:

MATERIAL DESIGNATION

- AF ACOUSTIC FURRED ASSEMBLY
- AS ACOUSTIC STEEL STUD ASSEMBLY
- C CONSTRUCTION BARRIER 3" STEEL STUDS x 20 GA.
- F FURRED ASSEMBLY
- M CONCRETE MASONRY UNIT (CMU)
- S STEEL STUDS x 20 GA.
- X SHAFT WALL ASSEMBLY, STEEL STUD

SIZE SUFFIX:

1 - 1 ⅝" STUD OR 7/8" FURRING
2 - 2 ½" STUD OR 2" Z FURRING
3 - 3 ⅝" STUD OR 3" Z FURRING
4 - 4" CONCRETE MASONRY UNIT (CMU) OR 4" STUD
6 - 6" CONCRETE MASONRY UNIT (CMU) OR 6" STUD
8 - 8" CONCRETE MASONRY UNIT (CMU) OR 8" STUD
9 - (2) 3 ⅝" CHASE WALL
10 - 10" CONCRETE MASONRY UNIT (CMU)
12 - 12" CONCRETE MASONRY UNIT (CMU)

RATING SUFFIX:

r - HOUR RATED PARTITION - SEE WALL TYPE DETAILS FOR RATING, FULL HEIGHT.

ACCESSORIES SUFFIX:

f - FURRING - GWB ONE SIDE ONLY.
i - SOUND ATTENUATING BATT INSULATION.
s - SOUND SEAL.
t - CERAMIC WALL TILE (CWT) AT CMU PARTITION - ONE SIDE ONLY.
g- GLAZED BLOCK TO MATCH EXISTING.
c- WALL ENDING ABOVE CEILING (NOT LESS THAN 1 CMU)
b- CERAMIC WALL TILE (CWT) AT CMU PARTITION - BOTH SIDES

GENERAL NOTES:

1. FULL HEIGHT PARTITIONS SHALL EXTEND TO THE BOTTOM OF CONCRETE, METAL, OR OTHER STRUCTURAL DECK ABOVE.
2. FLUTES IN METAL DECK ABOVE RATED PARTITIONS SHALL BE FILLED WITH FIRE SAFING INSULATION. FIRE STOP ENTIRE PERIMETER OF RATED PARTITIONS, INCLUDING EXTERIOR WALLS, WITH A UL LISTED JOINT SYSTEM FIRESTOP ASSEMBLY.
3. PROVIDE DEFLECTION TRACKS AT METAL STUD PARTITIONS THAT TERMINATE AT THE UNDERSIDE OF STRUCTURAL DECK ABOVE.
4. ALL PENETRATIONS IN FIRE RATED PARTITIONS SHALL BE FIRE STOPPED AND SEALED.
5. PROVIDE ABUSE RESISTANT 5/8" TYPE 'X' GYPSUM WALL BOARD AT ALL FIRE RATED PARTITIONS.
6. PROVIDE 5/8" MOISTURE RESISTANT GYPSUM WALL BOARD AT TOILET ROOM, LAVATORY, CUSTODIAL CLOSET OR OTHER WET LOCATIONS.
7. PARTITION TYPES WITH ONE SIDE OF DOUBLE DRYWALL SHALL BE PLACED SO THAT THE DOUBLE SIDE IS ON CORRIDOR AND/OR HIGH TRAFFIC SIDE OF THE WALL.
8. REFER TO THE STRUCTURAL SERIES DRAWINGS FOR MASONRY WALL REINFORCEMENT.
9. ALL PARTITIONS SHALL BE SEALED TO PREVENT THE PASSAGE OF SMOKE.
10. PROVIDE BULL-NOSED EDGES AT ALL EXPOSED MASONRY CORNERS.
11. PROVIDE DOUBLE STUDS AT PERIMETER OF ALL OPENINGS.
12. CONTRACTOR SHALL REFER TO CODE/LIFE SAFETY DRAWING FOR LOCATIONS OF RATED PARTITIONS.
13. REFER TO THE INTERIOR SERIES DRAWINGS FOR WALL FINISH INFORMATION.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 2
BUILDING IMPROVEMENTS
ELLENVILLE ES: SED #62-20-02-06-0-008-010
ELLENVILLE MS/HS: SED #62-20-02-06-0-001-029

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

SHEET TITLE
PARTITION TYPE DETAILS

PROJECT NUMBER
14426.04

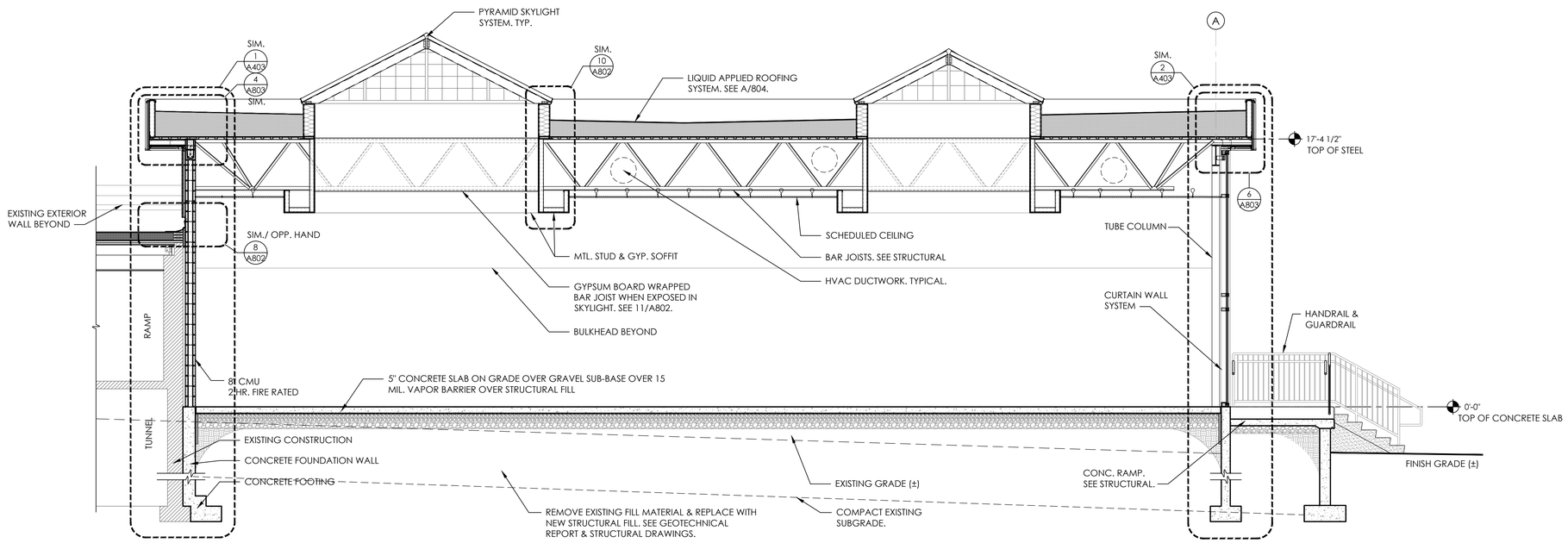
EES
A400
DRAWING NUMBER

THE REPRODUCTION, ALTERATION OR COPYING OF THESE DRAWINGS WITHOUT THE WRITTEN CONSENT OF CPL ARCHITECTURE ENGINEERING PLANNING IS STRICTLY PROHIBITED. ANY UNAUTHORIZED USE OF THESE DRAWINGS SHALL BE AT THE SOLE RISK AND LIABILITY OF THE PERSON OR ENTITY MAKING SUCH USE. ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHT, ARE HEREBY EXPRESSLY RESERVED BY CPL ARCHITECTURE ENGINEERING PLANNING.

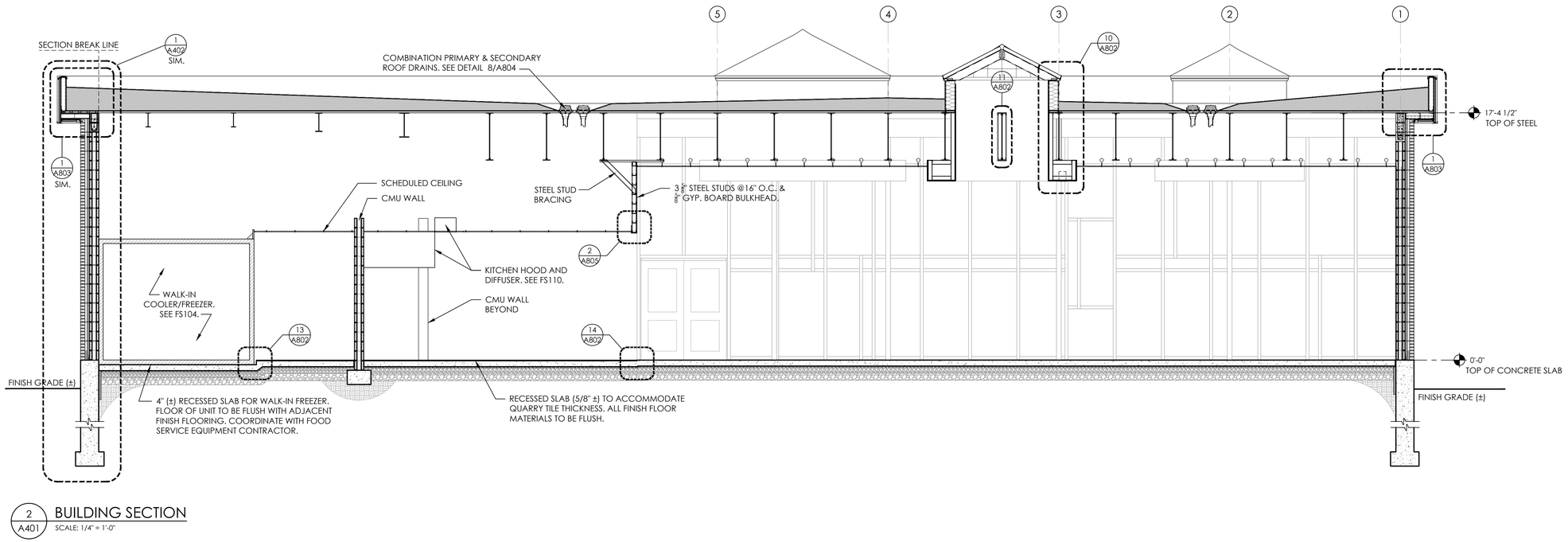
THIS DRAWING AND THE DESIGN INCORPORATED HEREIN, AS AN INSTRUMENT OF SERVICE, IS AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING WHETHER THE PROJECT FOR WHICH IT IS PREPARED IS EXECUTED OR NOT. THE VISUAL CONTENTS OF THIS DRAWING, IN WHOLE OR IN PART, SHALL NOT BE USED BY ANY PERSON OR ENTITY FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF CPL ARCHITECTURE ENGINEERING PLANNING.

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A4\Phase 1\A400.dwg
Date last accessed: 2/16/2021 12:30 PM
Date last plotted: 3/30/2021 2:55 PM
Plotted By: Ryan Goshea



1 A401 **BUILDING SECTION**
SCALE: 1/4" = 1'-0"



2 A401 **BUILDING SECTION**
SCALE: 1/4" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

MICHAEL JAMES JASON LICENSED ARCHITECT NEW YORK STATE

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

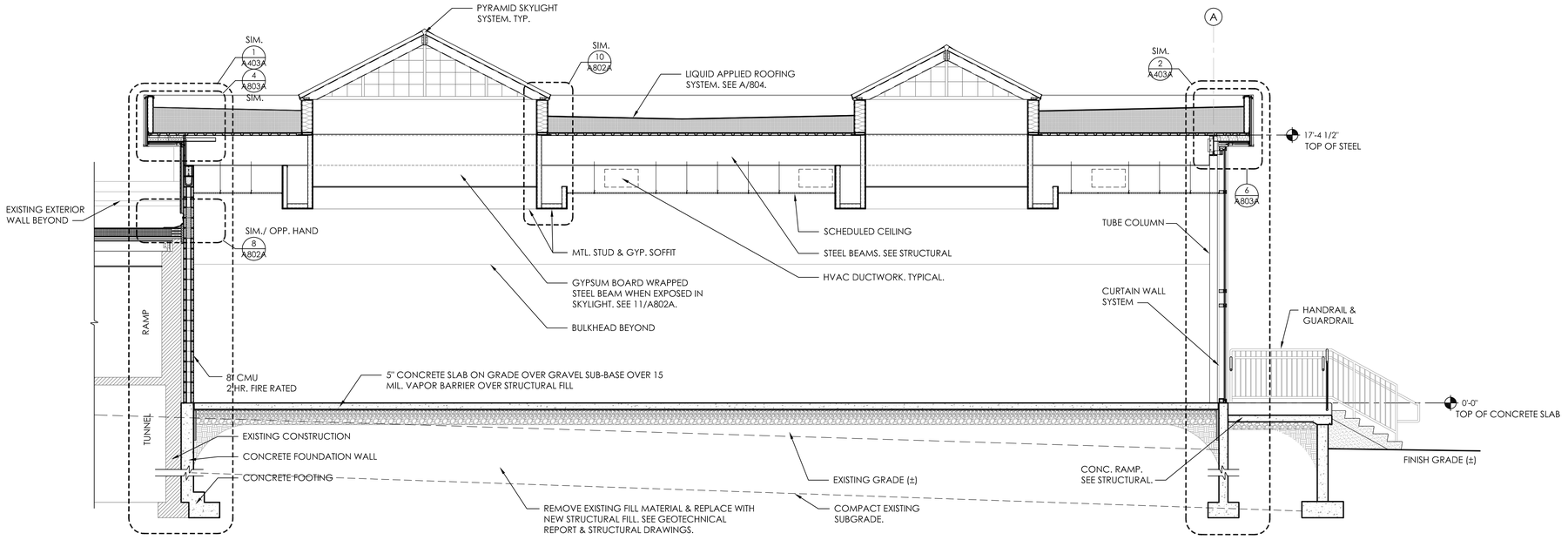
SCALE AS NOTED

SHEET TITLE
CAFETERIA ADDITION
NEW WORK BUILDING SECTIONS

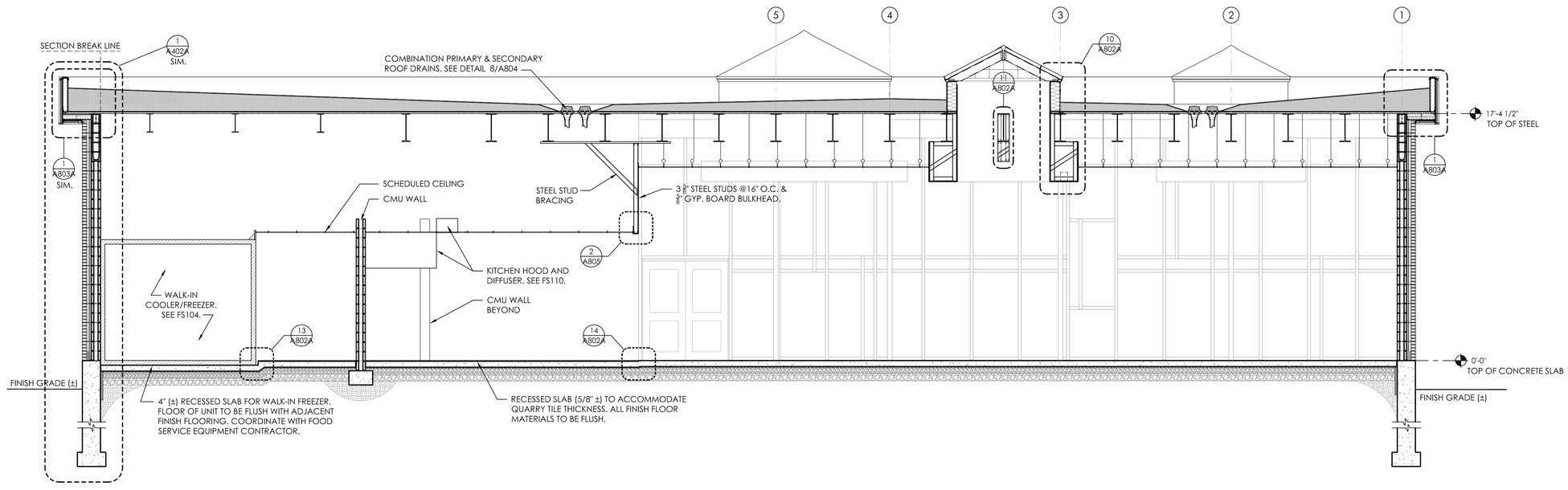
PROJECT NUMBER
14426.04

EES
A401
DRAWING NUMBER

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A4\Phase 1\A401_A402_Sections.dwg
Date last accessed: 3/12/2021 11:15 AM
Date last plotted: 3/30/2021 2:56 PM
Plotted By: Ryan Goshea



1 A401A **BUILDING SECTION**
SCALE: 1/4" = 1'-0"



2 A401A **BUILDING SECTION**
SCALE: 1/4" = 1'-0"

CPLteam.com
ARCHITECTURE • ENGINEERING • PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

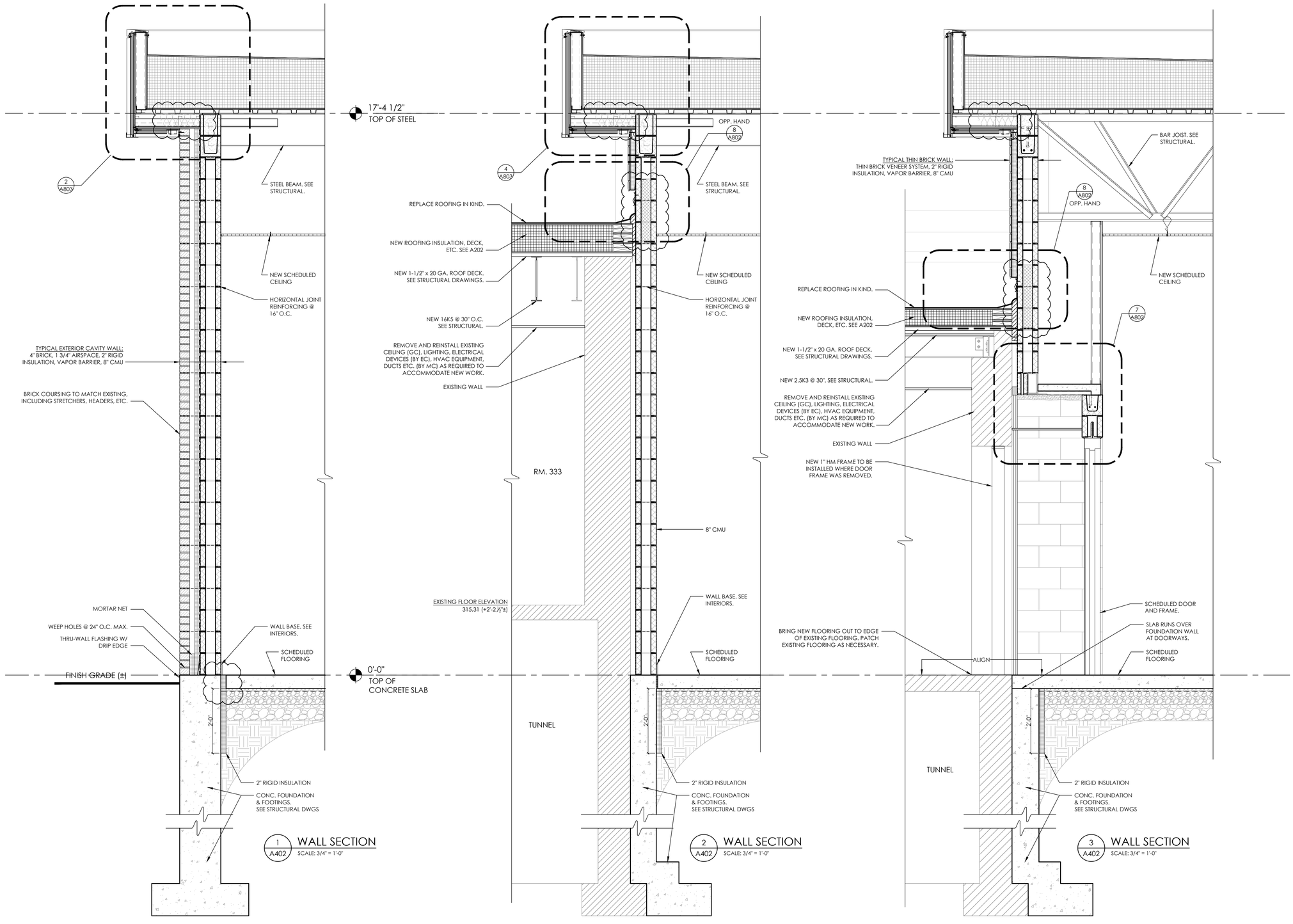
SHEET TITLE
CAFETERIA ADDITION
NEW WORK BUILDING
SECTIONS-
BEAM ALTERNATE

PROJECT NUMBER
14426.04

EES
A401A
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Plotted By: Mark Johnson
Date last plotted: 4/27/2022 2:21 PM
Date last accessed: 4/27/2022 2:21 PM
Drawing Name: S:\ Projects \Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A4\Phase 1\A401A_A402A_A403A_A404A_Sections.dwg



CPLteam.com
ARCHITECTURE + ENGINEERING + PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	3/9/2022	MJ	SED ADDENDUM 01

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

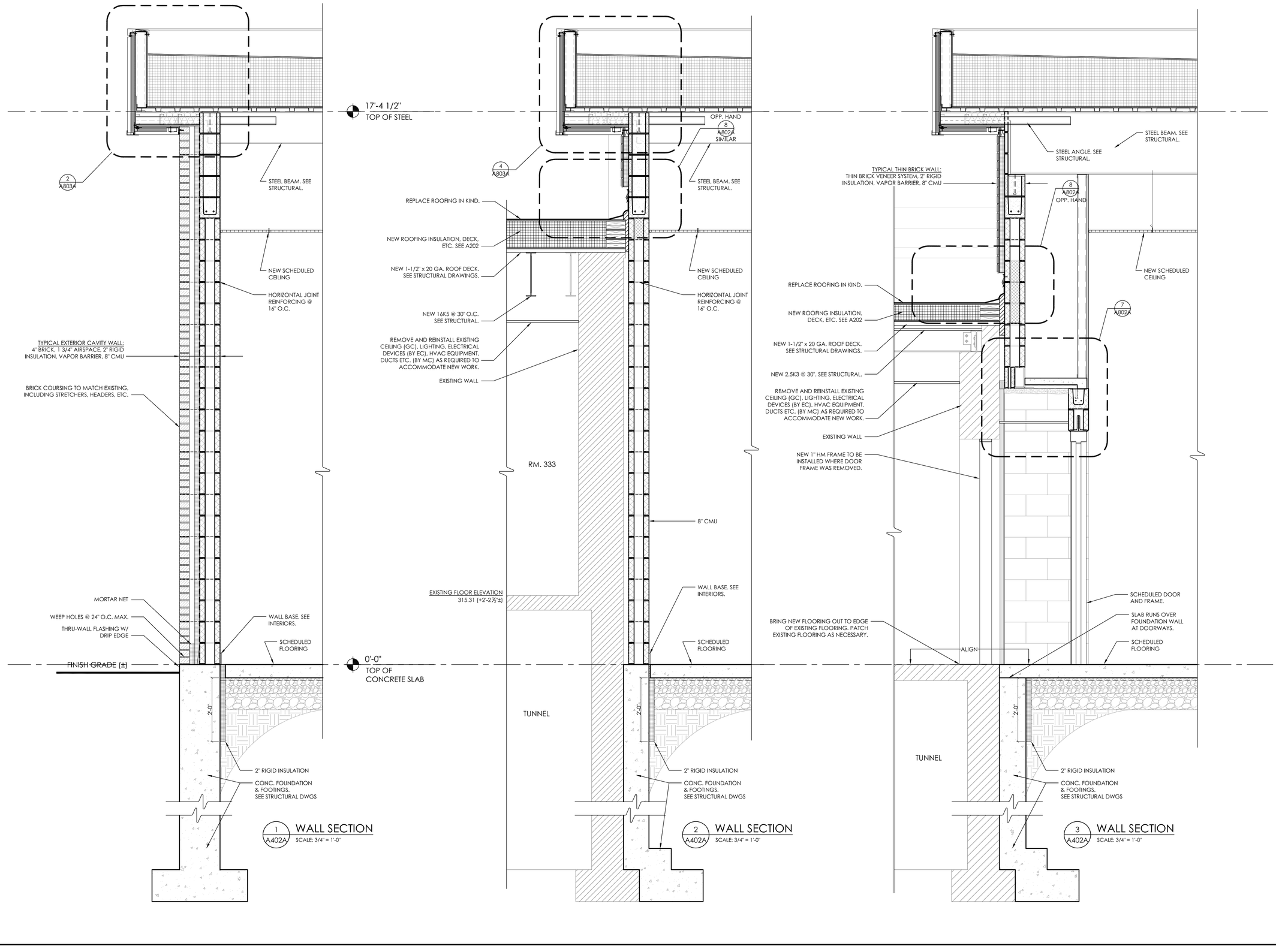
SHEET TITLE
CAFETERIA ADDITION
NEW WORK WALL SECTIONS

PROJECT NUMBER
14426.04

EES
A402
DRAWING NUMBER

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A4\Phase 1\A401_A402_Sections.dwg
Date last accessed: 3/8/2022 1:15 PM
Date last plotted: 3/9/2022 3:07 PM
Plotted By: Mark Johnson

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209 FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM HIS OR HER SEAL AND THE NOTATION "ALTERED" FOLLOWED BY HIS OR HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



CPLteam.com
ARCHITECTURE • ENGINEERING • PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	3/9/2022	MJ	SED ADDENDUM 01

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

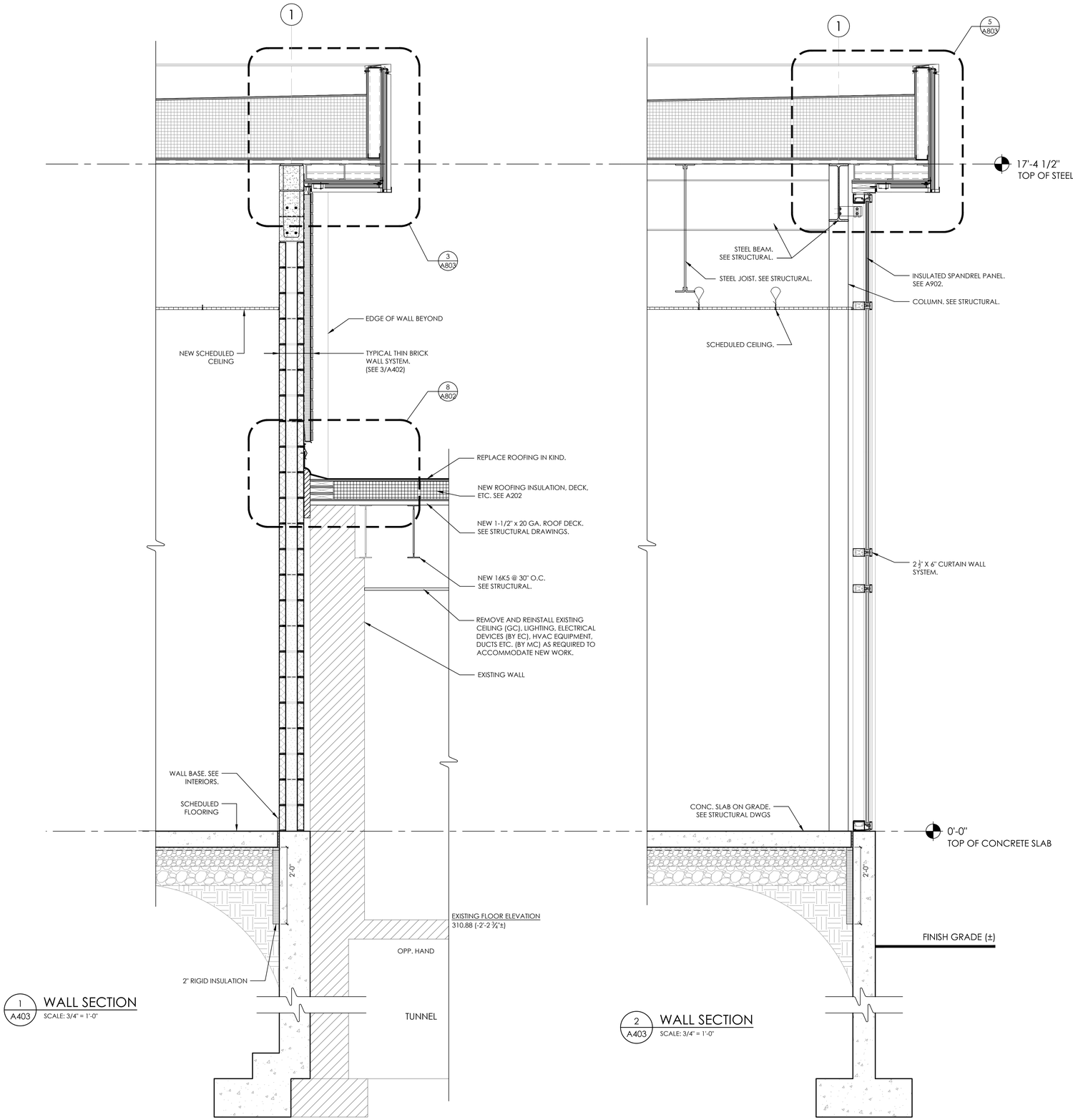
SHEET TITLE
CAFETERIA ADDITION
NEW WORK WALL SECTIONS-
BEAM ALTERNATE

PROJECT NUMBER
14426.04

EES
A402A
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THIS SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A4\Phase 1\A401A_A402A_A403A_A404A_Sections.dwg
Plotted By: Mark Johnson
Date last plotted: 4/27/2022 2:24 PM
Date last accessed: 4/27/2022 2:21 PM



CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

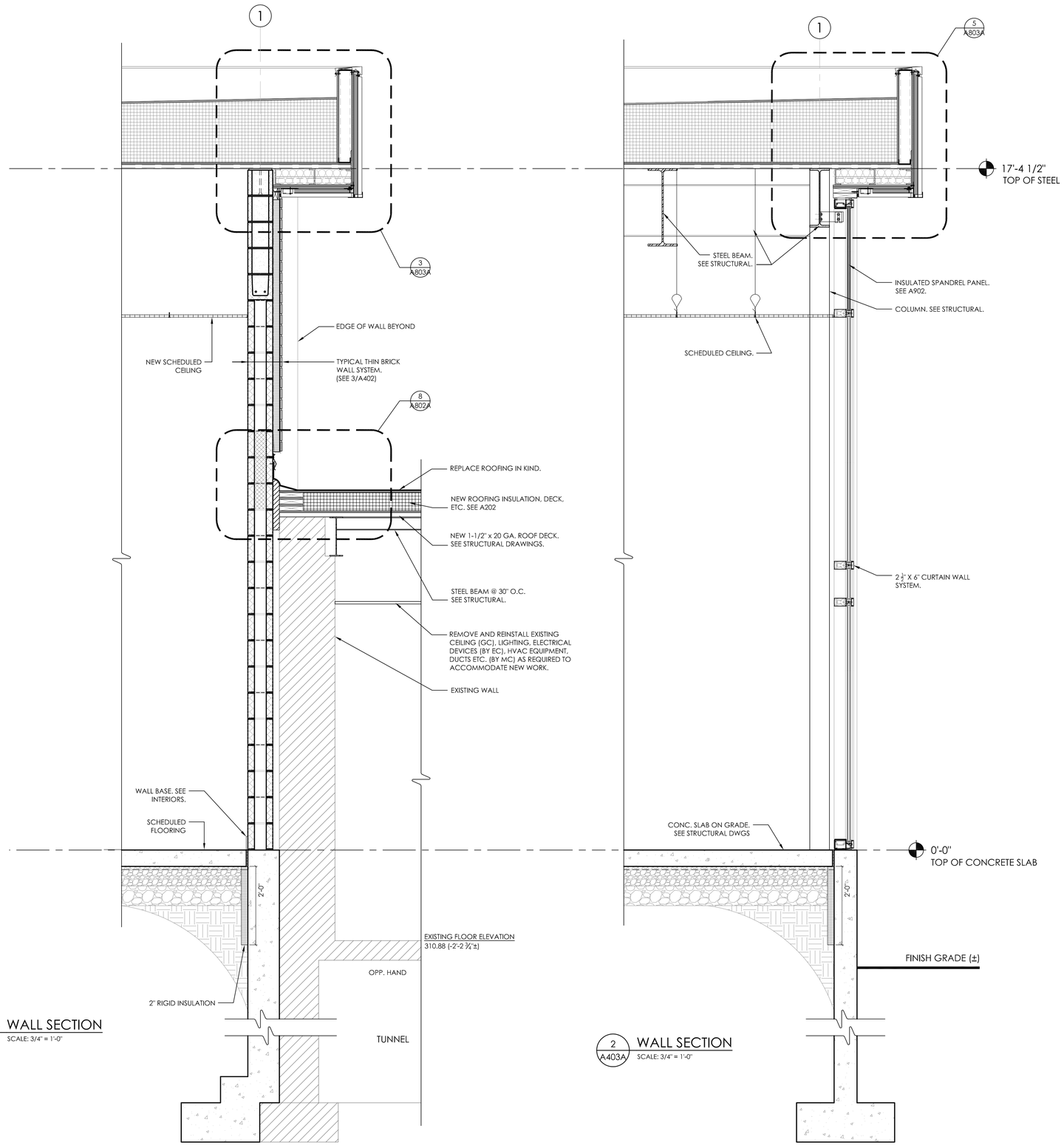
SHEET TITLE
CAFETERIA ADDITION
NEW WORK WALL SECTIONS

PROJECT NUMBER
14426.04

EES
A403
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 FOR COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ARCHITECT, ENGINEER OR LAND SURVEYOR ALTERS THIS PLAN, HE/SHE SHALL AFFIX TO THE ORIGINAL PLAN/DRAWING THE ALTERED SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A4\Phase 1\A401_A402_Sections.dwg
Date last accessed: 3/12/2021 11:15 AM
Date last plotted: 3/30/2021 2:58 PM
Plotted By: Ryan Goshea



1 A403A **WALL SECTION**
SCALE: 3/4" = 1'-0"

2 A403A **WALL SECTION**
SCALE: 3/4" = 1'-0"

CPLteam.com
ARCHITECTURE • ENGINEERING • PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

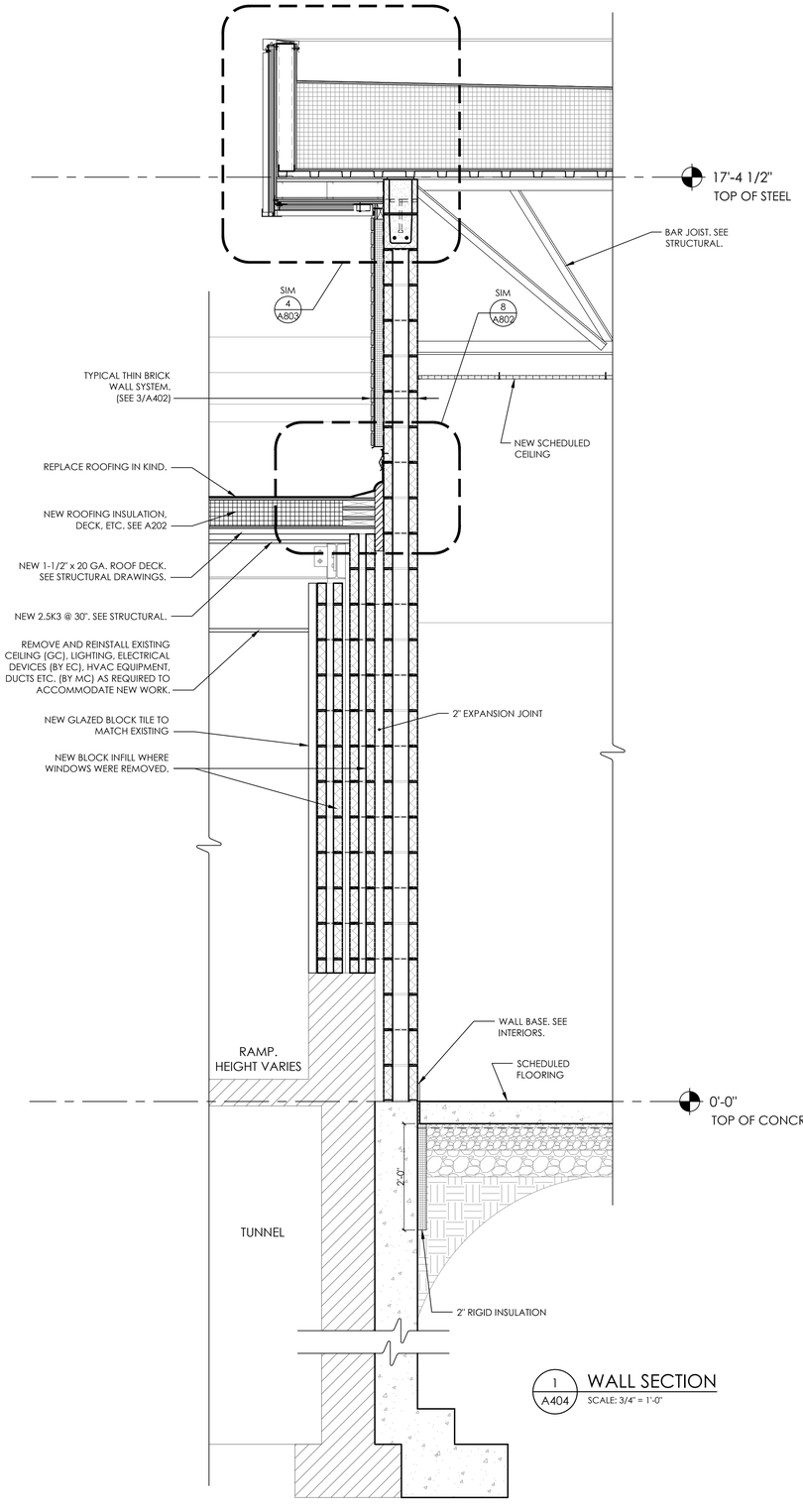
SHEET TITLE
CAFETERIA ADDITION
NEW WORK WALL SECTIONS-
BEAM ALTERNATE

PROJECT NUMBER
14426.04

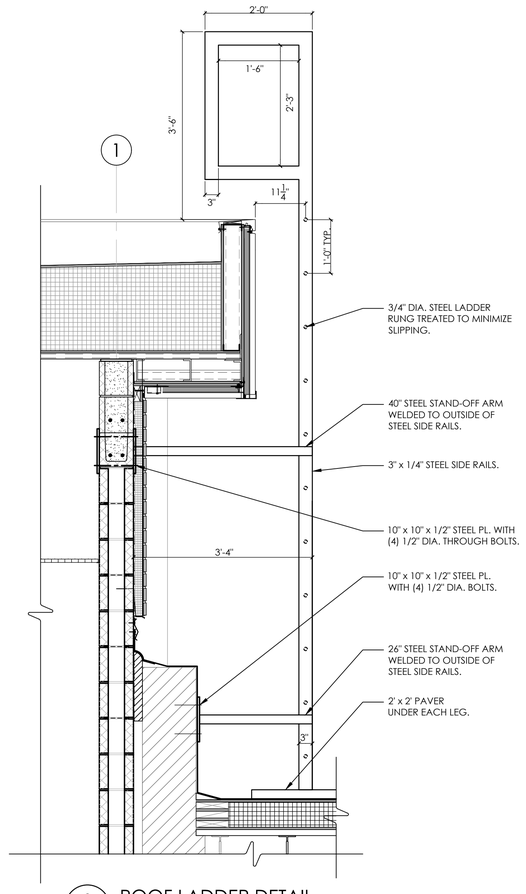
EES
A403A
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY COMMISSIONER REGULATIONS OR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEREBY ALTERED THE WORDS "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

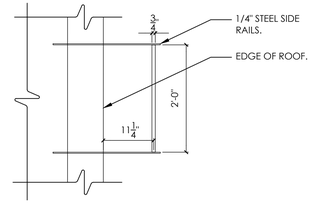
Plotted By: Mark Johnson
Date last plotted: 4/27/2022 2:25 PM
Date last accessed: 4/27/2022 2:21 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A4\Phase 1\A401A_A402A_A403A_A404A_Sections.dwg



1 A404 WALL SECTION
SCALE: 3/4" = 1'-0"



2 A404 ROOF LADDER DETAIL
SCALE: 3/4" = 1'-0"



3 A404 ROOF LADDER DETAIL
SCALE: 3/4" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

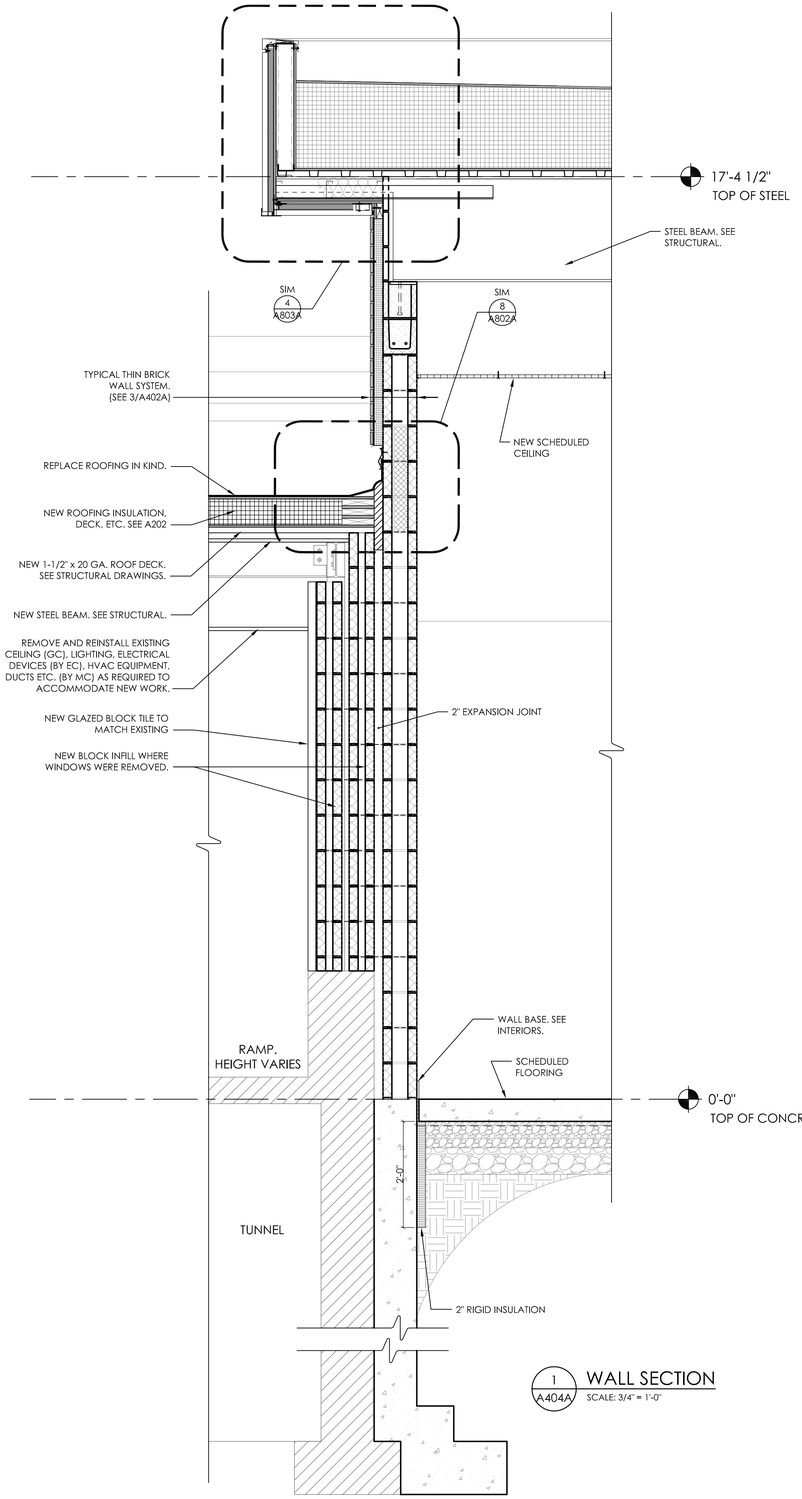
SHEET TITLE
CAFETERIA ADDITION
NEW WORK WALL SECTIONS

PROJECT NUMBER
14426.04

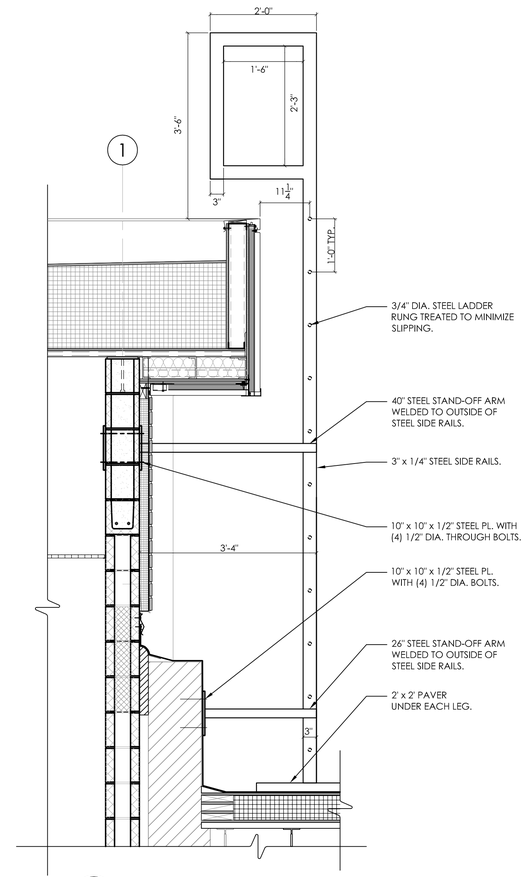
EES
A404
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND 8 NYCRR SECTION 29.1 FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

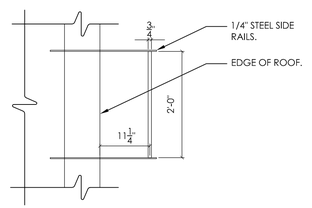
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A4\Phase 1\A401_A402_Sections.dwg
Date last accessed: 3/12/2021 11:15 AM
Date last plotted: 3/30/2021 2:58 PM
Plotted By: Ryan Goshea



1 A404A **WALL SECTION**
SCALE: 3/4" = 1'-0"



2 A404A **ROOF LADDER DETAIL**
SCALE: 3/4" = 1'-0"



3 A404A **ROOF LADDER DETAIL**
SCALE: 3/4" = 1'-0"

CPLteam.com
ARCHITECTURE • ENGINEERING • PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

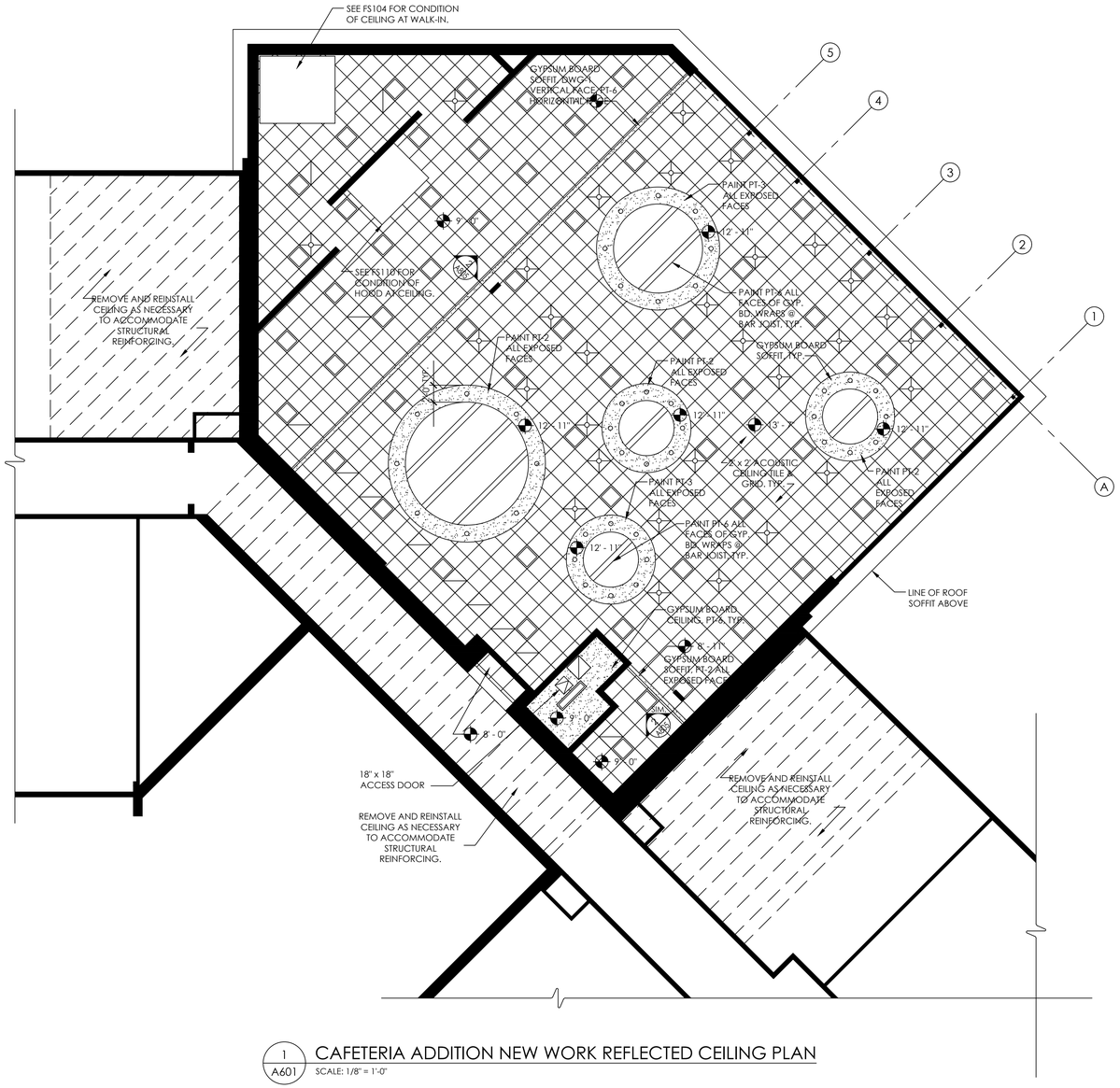
SHEET TITLE
CAFETERIA ADDITION
NEW WORK WALL SECTIONS-
BEAM ALTERNATE

PROJECT NUMBER
14426.04

EES
A404A
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF ANY PERSON, ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, ALTERS THIS ITEM IN ANY WAY, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE LEGAL AND THE NOTATION ALTERED BY FOLLOWED BY THIS SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A4\Phase 1\A401A_A402A_A403A_A404A_Sections.dwg
Date last accessed: 4/27/2022 2:21 PM
Date last plotted: 4/27/2022 2:27 PM
Plotted By: Mark Johnson



1 / A601 CAFETERIA ADDITION NEW WORK REFLECTED CEILING PLAN

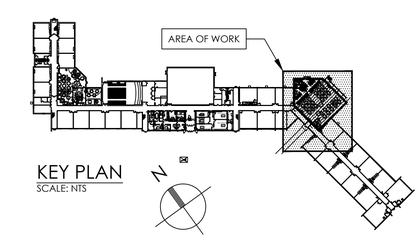
SCALE: 1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES:

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL 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. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.

LEGEND:

- 2' X 2' ACOUSTIC CEILING TILE & GRID
- GYPSUM BOARD CEILING
- SUPPLY DIFFUSER. SEE MECHANICAL
- RETURN GRILLE. SEE MECHANICAL
- LIGHTING FIXTURES. SEE ELECTRICAL



KEY PLAN

SCALE: NTS

CPLteam.com
ARCHITECTURE • ENGINEERING • PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

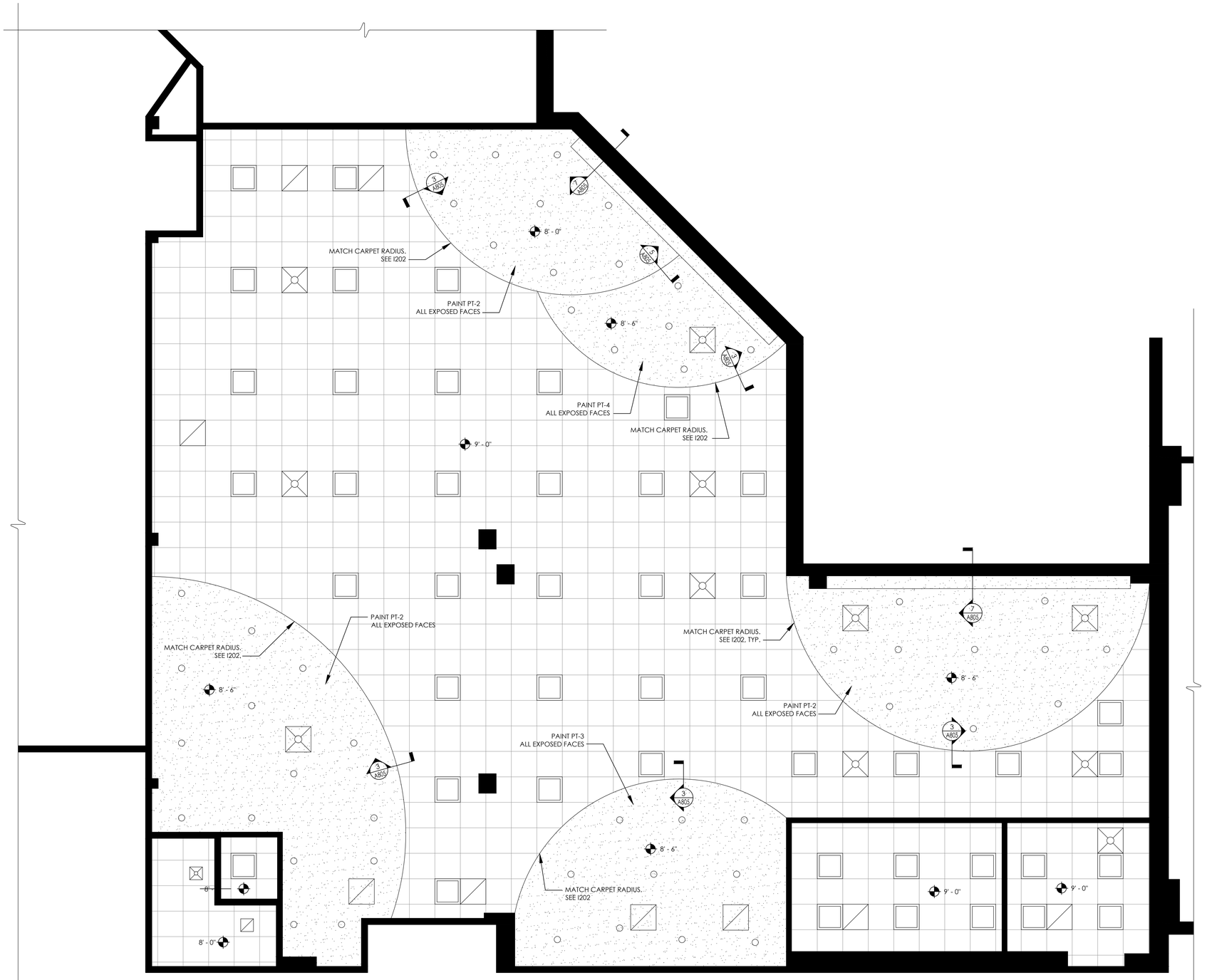
SHEET TITLE
CAFETERIA ADDITION
NEW WORK REFLECTED
CEILING PLAN

PROJECT NUMBER
14426.04

EES
A601
DRAWING NUMBER

THE ALTERATIONS TO THIS PLAN, DETAILS AND SPECIFICATIONS REPRESENTED OR INDICATED THEREIN OR AS AMENDED BY THE ARCHITECT OR ENGINEER OF RECORD AND APPROVED BY THE EDUCATION DEPARTMENT ARE THE ONLY ONES COVERED BY THIS APPROVAL AND NO OTHER ALTERATIONS OR ADDITIONS OF ANY KIND WHETHER SHOWN ON THE APPROVED PLANS OR NOT ARE AUTHORIZED. IT SHALL BE THE DUTY OF THE ARCHITECT OR ENGINEER OF RECORD TO NOTIFY THE EDUCATION DEPARTMENT OF ANY CHANGES MADE DURING CONSTRUCTION. IT SHALL BE THE DUTY OF THE ARCHITECT OR ENGINEER OF RECORD TO NOTIFY THE EDUCATION DEPARTMENT OF ANY CHANGES MADE DURING CONSTRUCTION. IT SHALL BE THE DUTY OF THE ARCHITECT OR ENGINEER OF RECORD TO NOTIFY THE EDUCATION DEPARTMENT OF ANY CHANGES MADE DURING CONSTRUCTION.

Plotted By: Mark Johnson
Date last plotted: 7/1/2022 4:00 PM
Date last accessed: 7/1/2022 3:59 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A6\Phase 1\A601_A602_Reflected Ceiling Plans.dwg



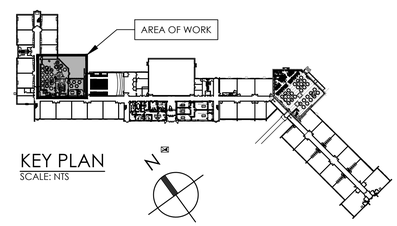
1 A602 LIBRARY NEW WORK REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

GENERAL CONSTRUCTION NOTES:

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL 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. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.

LEGEND:

- 2' X 2' ACOUSTIC CEILING TILE GRID
- GYPSUM CEILING
- SUPPLY. SEE MECHANICAL
- RETURN. SEE MECHANICAL
- LIGHTING FIXTURES. SEE ELECTRICAL



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE • ENGINEERING • PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE: AS NOTED

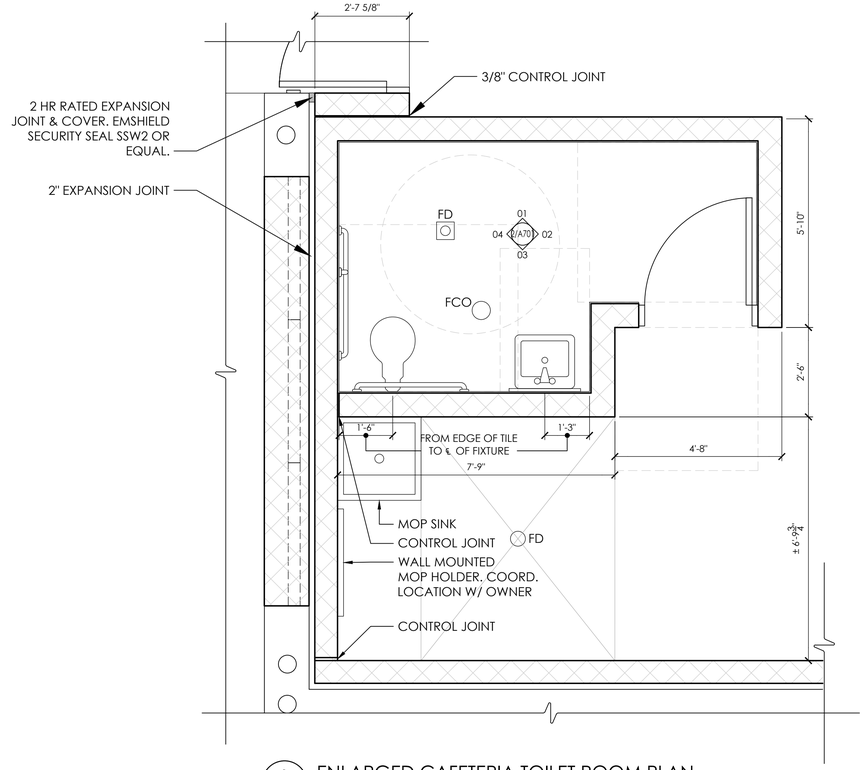
SHEET TITLE
LIBRARY NEW WORK REFLECTED CEILING PLAN

PROJECT NUMBER
14426.04

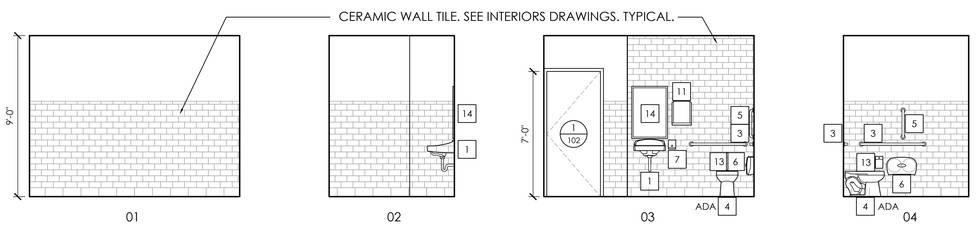
EES
A602
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

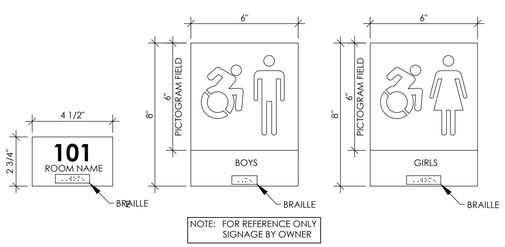
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A6\Phase 1\A601_A602_Reflected Ceiling Plans.dwg
Date last accessed: 2/17/2021 11:16 AM
Date last plotted: 3/30/2021 3:06 PM
Plotted By: Ryan Goshea



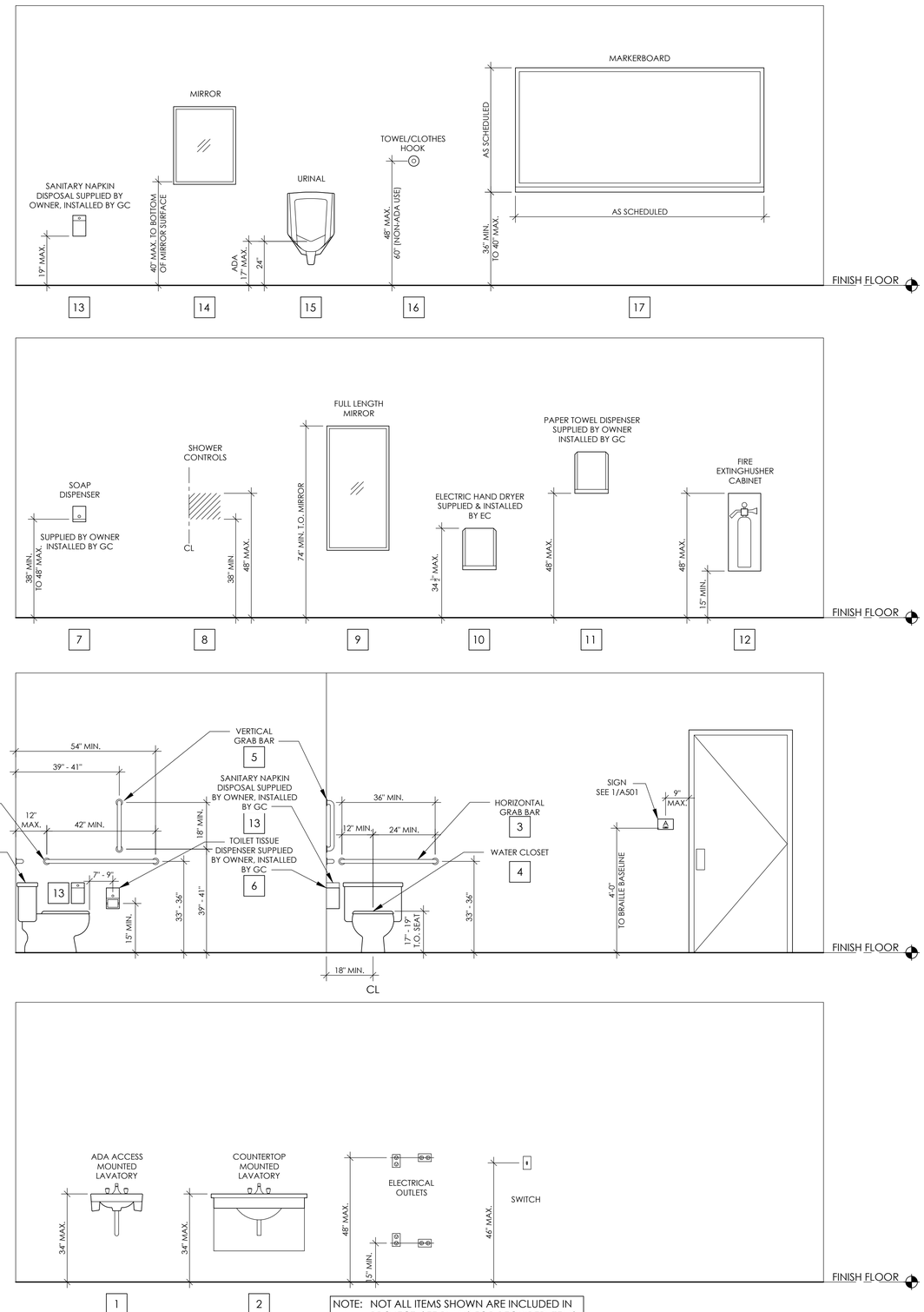
1 A701 ENLARGED CAFETERIA TOILET ROOM PLAN
SCALE: 1/2" = 1'-0"



2 A701 CAFETERIA TOILET ROOM - INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"



3 A701 SIGNAGE TYPES
SCALE: 3" = 1'-0"



4 A701 TYP. FIXTURE AND ACCESSORY MOUNTING HEIGHTS
SCALE: 1/4" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION



ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES; SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

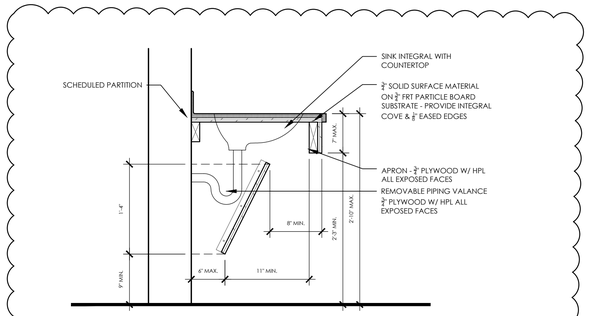
SHEET TITLE
ENLARGED FLOOR PLANS, INTERIOR ELEVATIONS & FIXTURE SCHEDULE

PROJECT NUMBER
14426.04

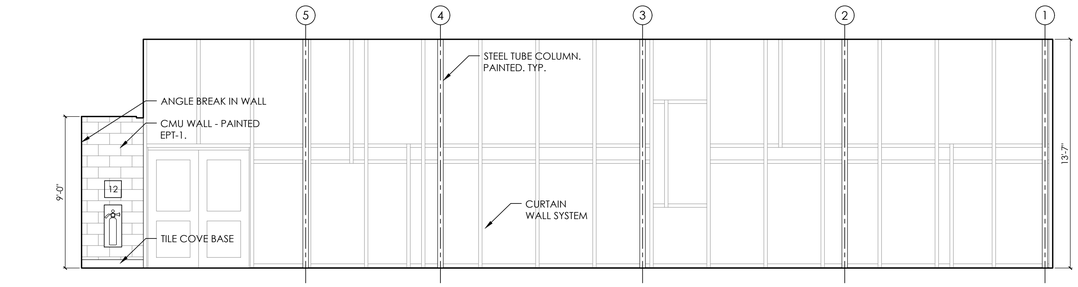
EES
A701
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

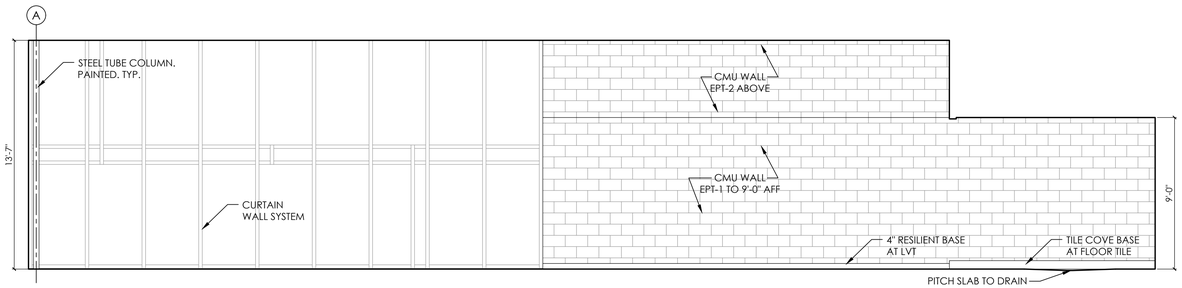
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A7\Phase 1\A701_Interior Elevations.dwg
Date last accessed: 2/17/2021 3:18 PM
Date last plotted: 3/30/2021 3:12 PM
Plotted By: Ryan Goshea



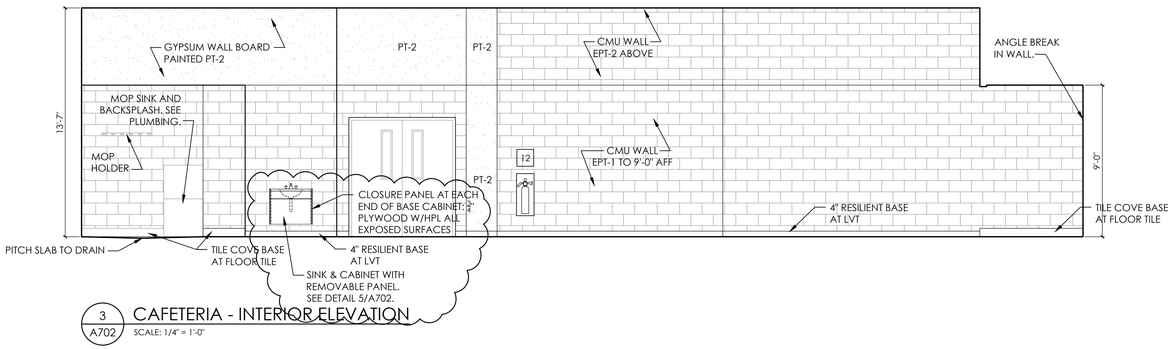
5 / A702 CAFETERIA - SINK DETAIL
SCALE: 1" = 1'-0"



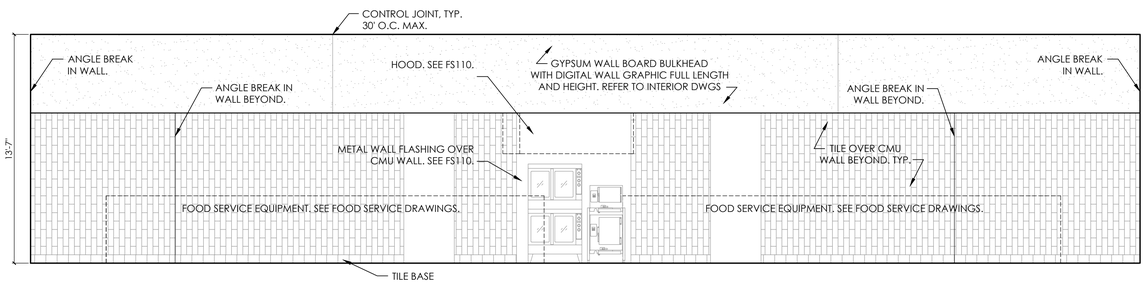
1 / A702 CAFETERIA - INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



2 / A702 CAFETERIA - INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



3 / A702 CAFETERIA - INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



4 / A702 CAFETERIA - INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

CPLteam.com
ARCHITECTURE + ENGINEERING + PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

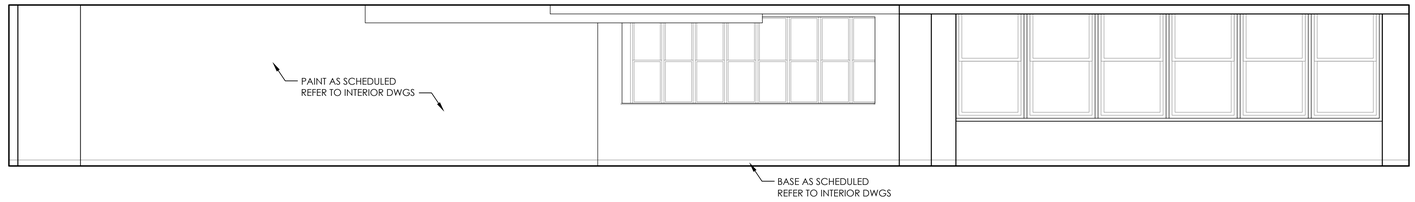
SHEET TITLE
CAFETERIA ADDITION: INTERIOR ELEVATIONS

PROJECT NUMBER
14426.04

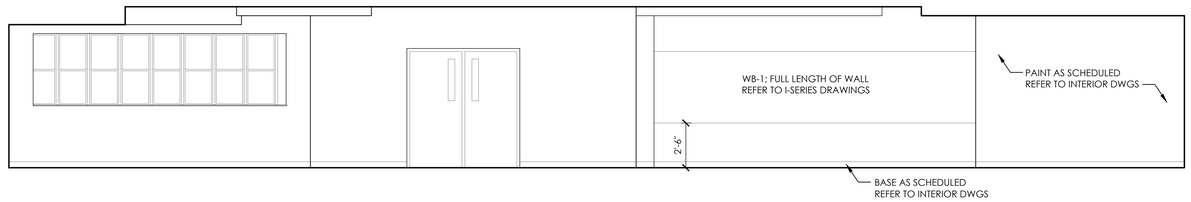
EES
A702
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR. THE ALTERING PARTY SHALL AFFIX TO THE ITEM HIS OR HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE AND THE DATE OF SUCH ALTERATION. A NOTATION SPECIFIC DESCRIPTION OF THE ALTERATION.

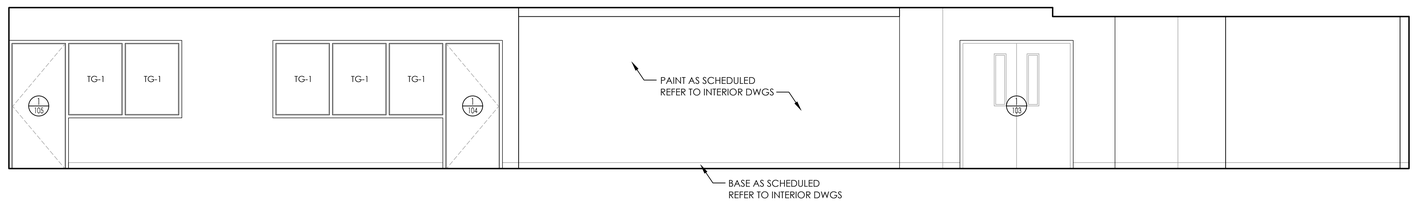
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A7\Phase 1\A701_Interior Elevations.dwg
Date last accessed: 1/7/2022 4:34 PM
Date last plotted: 1/12/2022 1:55 PM
Plotted By: Mark Johnson



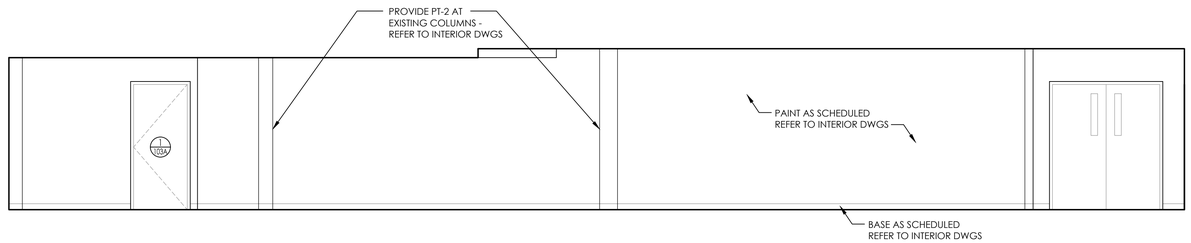
1 A703 LIBRARY - INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



2 A703 LIBRARY - INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



3 A703 LIBRARY - INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



4 A703 LIBRARY - INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

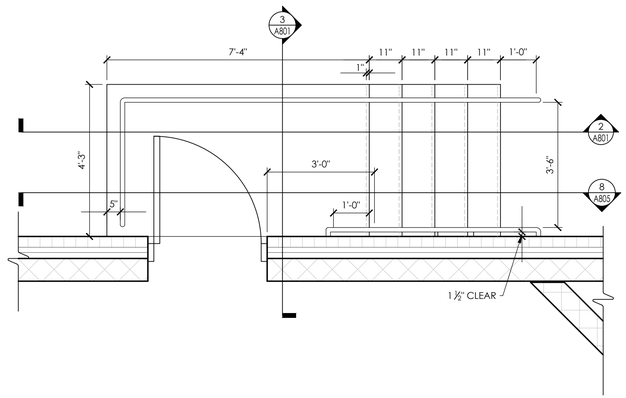
SHEET TITLE
LIBRARY:
INTERIOR ELEVATIONS

PROJECT NUMBER
14426.04

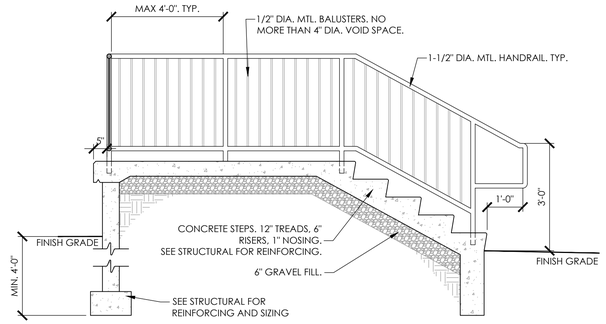
EES
A703
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE REGULATIONS OF THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ARCHITECT, ENGINEER OR LAND SURVEYOR ALTERS THIS DOCUMENT, THE ALTERED COPY SHALL BEAR HIS OR HER SEAL AND THE NOTATION "ALTERED" FOLLOWED BY HIS OR HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

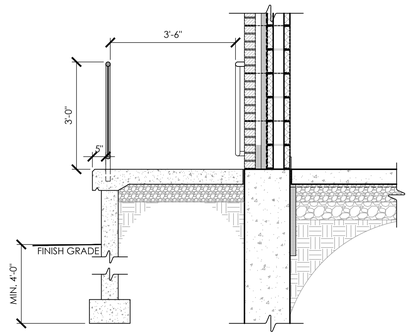
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A7\Phase 1\A701_Interior Elevations.dwg
Date last accessed: 2/17/2021 3:18 PM
Date last plotted: 3/30/2021 3:14 PM
Plotted By: Ryan Goshea



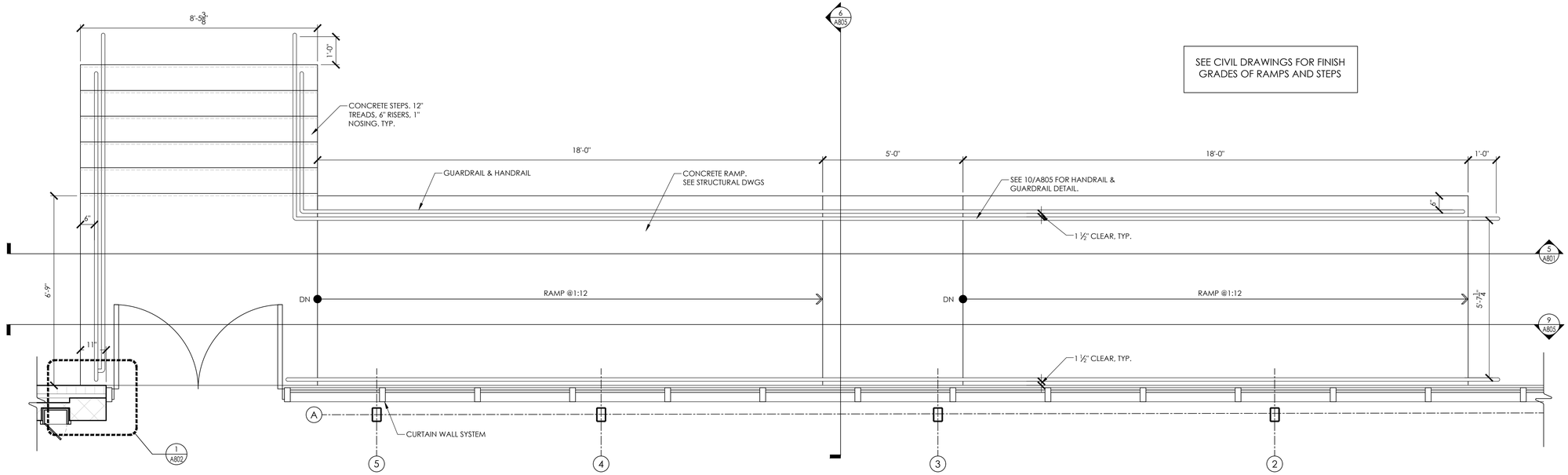
1 A801 STEP DETAIL - PLAN VIEW
SCALE: 1/2" = 1'-0"



2 A801 STEP SECTION
SCALE: 1/2" = 1'-0"

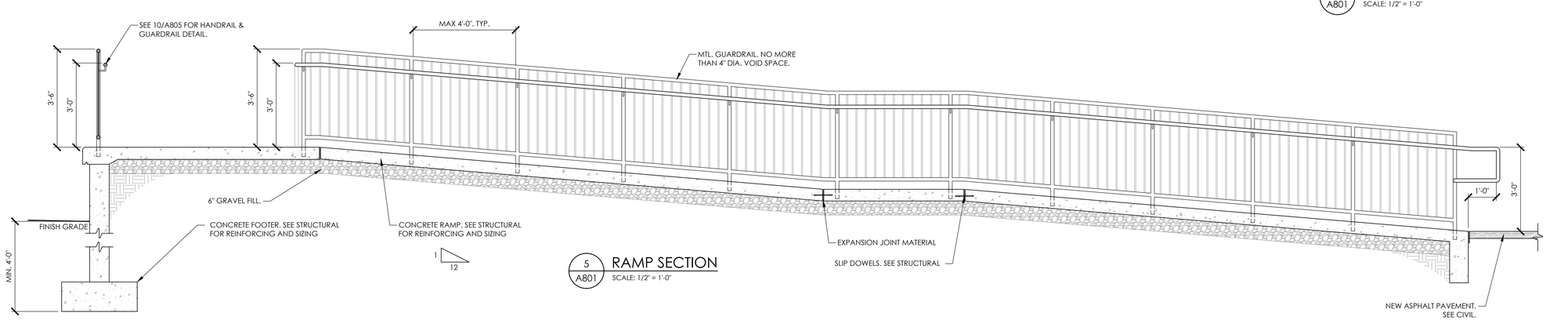


3 A801 STEP SECTION
SCALE: 1/2" = 1'-0"



4 A801 RAMP DETAIL - PLAN VIEW
SCALE: 1/2" = 1'-0"

SEE CIVIL DRAWINGS FOR FINISH GRADES OF RAMPS AND STEPS



5 A801 RAMP SECTION
SCALE: 1/2" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

SHEET TITLE
RAMP DETAILS

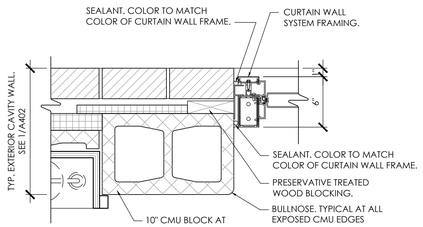
PROJECT NUMBER
14426.04

EES
A801
DRAWING NUMBER

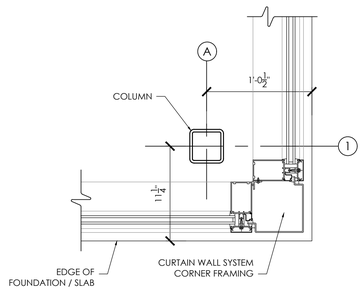
THIS DRAWING IS THE PROPERTY OF CPL ARCHITECTS, ENGINEERS, LANDSCAPE ARCHITECTS & SURVEYORS AND IS NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CPL ARCHITECTS, ENGINEERS, LANDSCAPE ARCHITECTS & SURVEYORS. ALL COPYRIGHTS AND OTHER PROPERTY RIGHTS ARE RESERVED BY CPL ARCHITECTS, ENGINEERS, LANDSCAPE ARCHITECTS & SURVEYORS. ANY UNAUTHORIZED REUSE, REDRAWING OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF CPL ARCHITECTS, ENGINEERS, LANDSCAPE ARCHITECTS & SURVEYORS IS PROHIBITED AND WILL BE RESPONDED TO IN APPROPRIATE LEGAL PROCEEDINGS.

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS OR HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

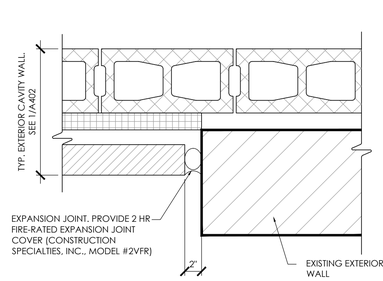
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A8\Phase 1\A801_Details.dwg
Date last accessed: 2/18/2021 8:02 AM
Date last plotted: 3/30/2021 4:07 PM
Plotted By: Ryan Goshea



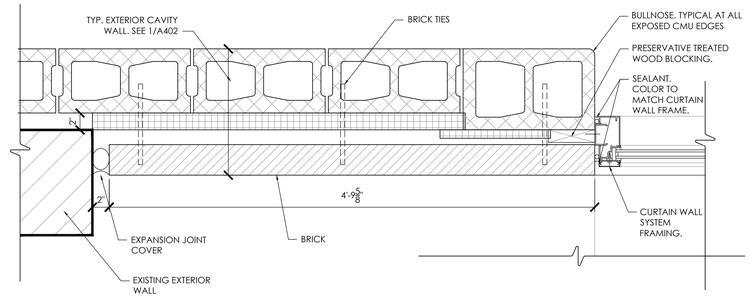
1 A802 CURTAIN WALL JAMB DETAIL
SCALE: 1-1/2" = 1'-0"



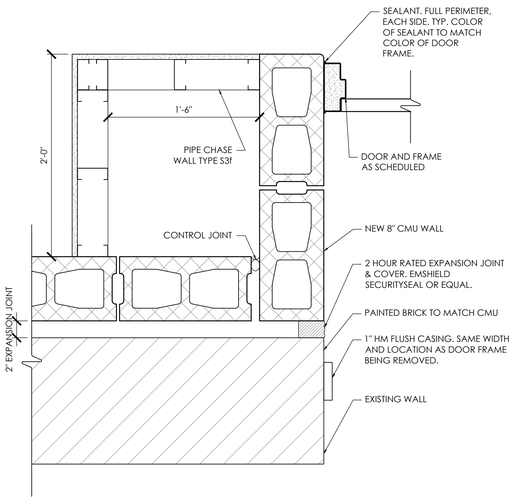
2 A802 CURTAIN WALL CORNER DETAIL
SCALE: 1-1/2" = 1'-0"



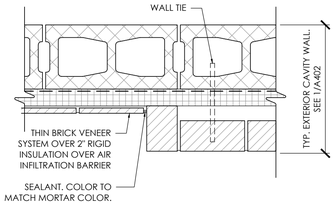
3 A802 EXPANSION JOINT DETAIL
SCALE: 1-1/2" = 1'-0"



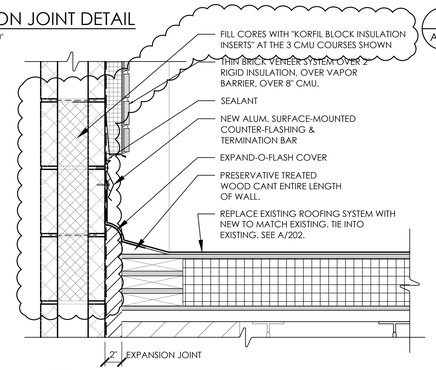
4 A802 CURTAIN WALL JAMB AND EXPANSION JOINT DETAIL
SCALE: 1-1/2" = 1'-0"



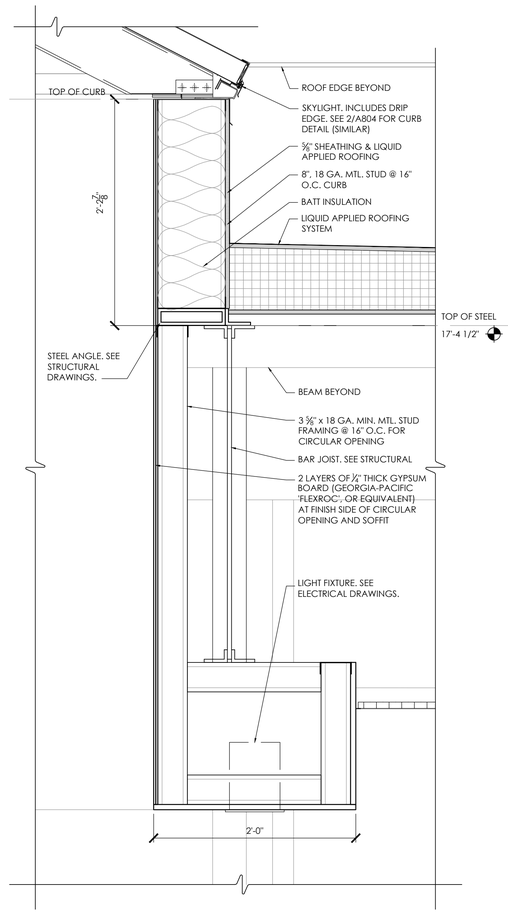
5 A802 FIRE WALL AND JAMB DETAIL
SCALE: 1-1/2" = 1'-0"



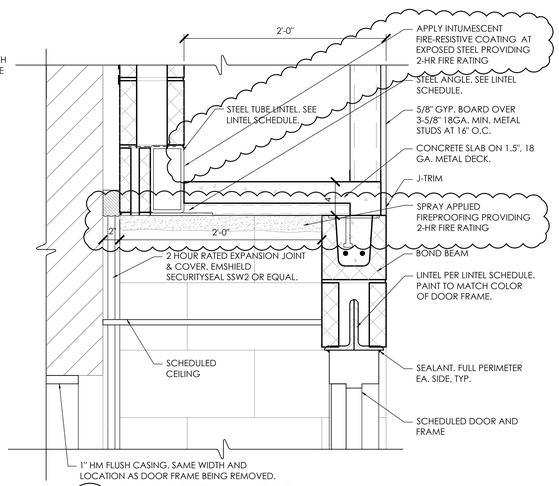
6 A802 CAVITY WALL AND THIN BRICK WALL TRANSITION
SCALE: 1-1/2" = 1'-0"



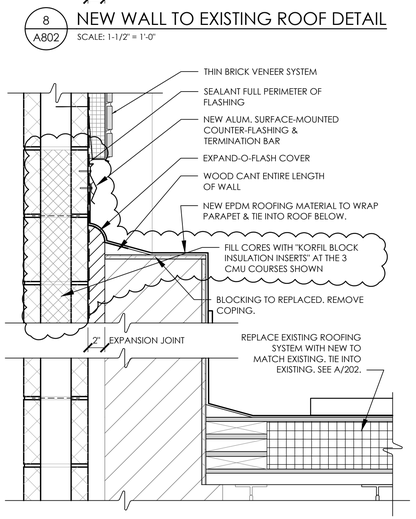
8 A802 NEW WALL TO EXISTING ROOF DETAIL
SCALE: 1-1/2" = 1'-0"



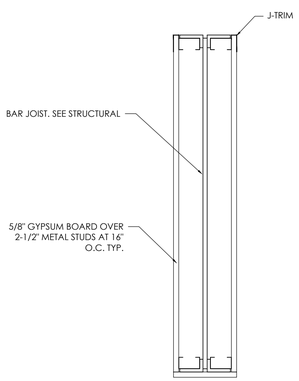
10 A802 SKYLIGHT CURB AND FRAMING DETAIL
SCALE: 1-1/2" = 1'-0"



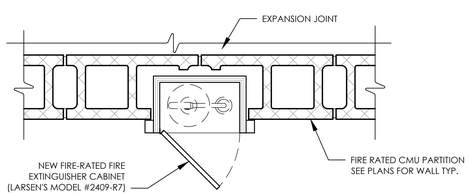
7 A802 DOOR DETAIL @ FIRE WALL
SCALE: 1-1/2" = 1'-0"



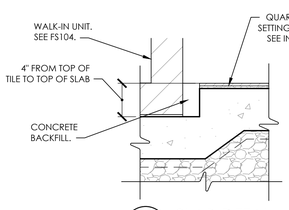
9 A802 NEW WALL TO EXISTING PARAPET DETAIL
SCALE: 1-1/2" = 1'-0"



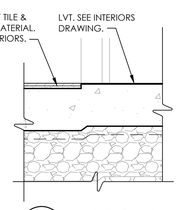
11 A802 BAR JOIST DETAIL AT SKYLIGHT
SCALE: 1-1/2" = 1'-0"



12 A802 FIRE EXTINGUISHER CABINET DETAIL
SCALE: 1-1/2" = 1'-0"



13 A802 SLAB DETAIL
SCALE: 1-1/2" = 1'-0"



14 A802 SLAB DETAIL
SCALE: 1-1/2" = 1'-0"

CPLteam.com
ARCHITECTURE + ENGINEERING + PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION
1	3/9/2022	MJ	SED ADDENDUM 01

REGISTERED ARCHITECT MICHAEL JAMES JOHNSON NO. 019674 STATE OF NEW YORK

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ
SCALE	AS NOTED	

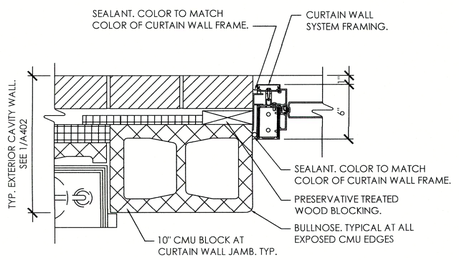
SHEET TITLE
GENERAL CONSTRUCTION DETAILS

PROJECT NUMBER
14426.04

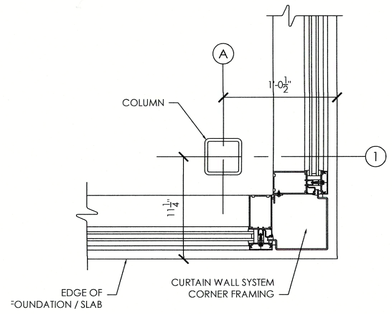
EES
A802
DRAWING NUMBER

THE REPRODUCTION OF THESE DOCUMENTS, IN WHOLE OR IN PART, AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF ANY PERSON ALTERS A DOCUMENT, HE OR SHE SHALL AFFIX TO THE DOCUMENT THE SEAL OF THE ARCHITECT, ENGINEER OR LAND SURVEYOR AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

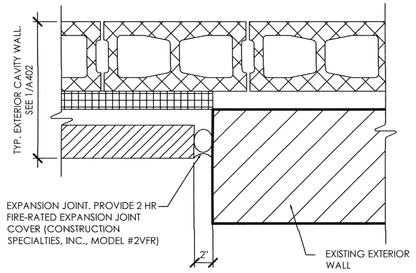
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\AB\Phase 1\A801_Details.dwg Date last accessed: 3/8/2022 4:09 PM Date last plotted: 3/9/2022 3:42 PM Plotted By: Mark Johnson



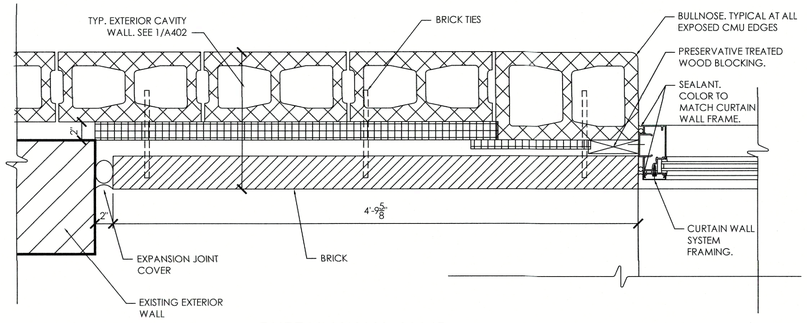
1 A802A **CURTAIN WALL JAMB DETAIL**
SCALE: 1-1/2" = 1'-0"



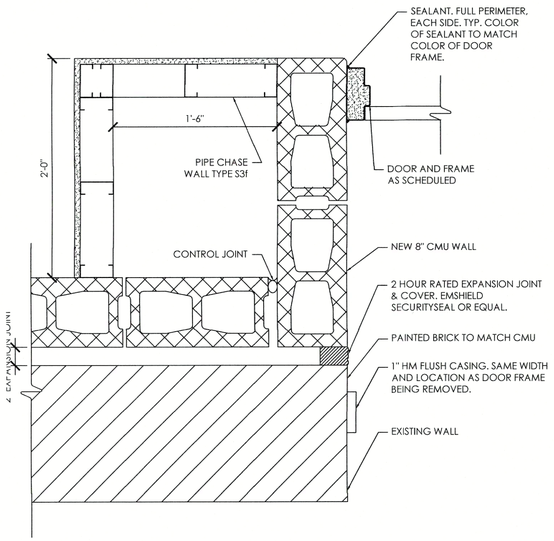
2 A802A **CURTAIN WALL CORNER DETAIL**
SCALE: 1-1/2" = 1'-0"



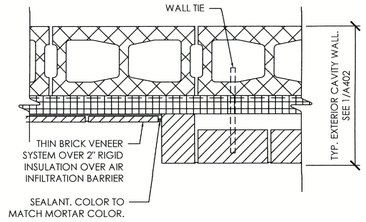
3 A802A **EXPANSION JOINT DETAIL**
SCALE: 1-1/2" = 1'-0"



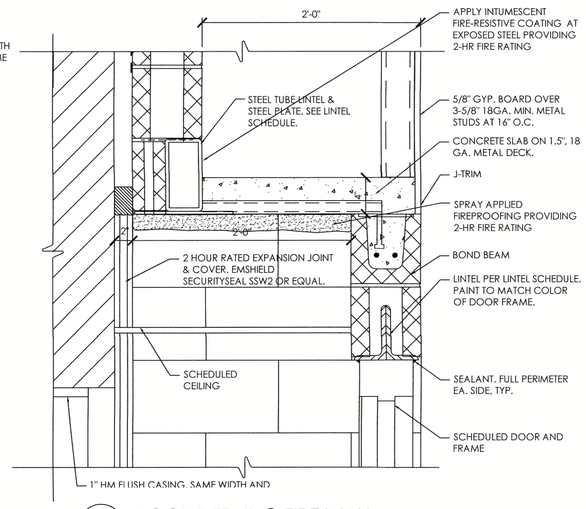
4 A802A **CURTAIN WALL JAMB AND EXPANSION JOINT DETAIL**
SCALE: 1-1/2" = 1'-0"



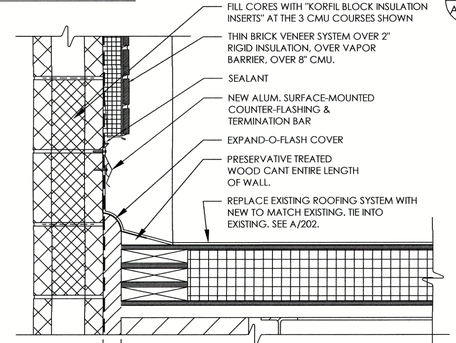
5 A802A **FIRE WALL AND JAMB DETAIL**
SCALE: 1-1/2" = 1'-0"



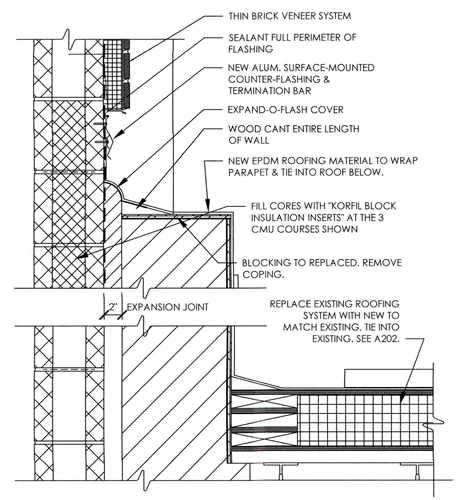
6 A802A **CAVITY WALL AND THIN BRICK WALL TRANSITION**
SCALE: 1-1/2" = 1'-0"



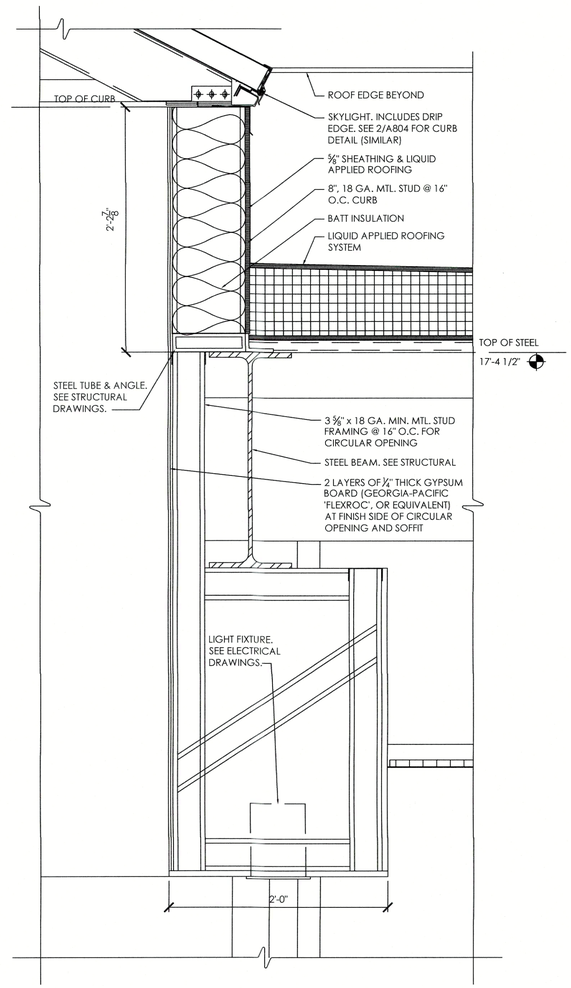
7 A802A **DOOR DETAIL @ FIRE WALL**
SCALE: 1-1/2" = 1'-0"



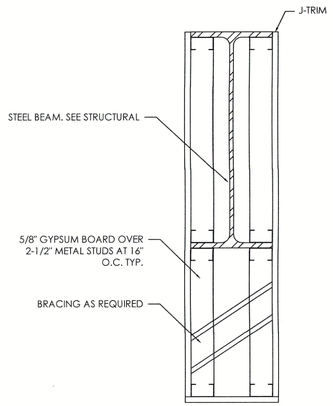
8 A802A **NEW WALL TO EXISTING ROOF DETAIL**
SCALE: 1-1/2" = 1'-0"



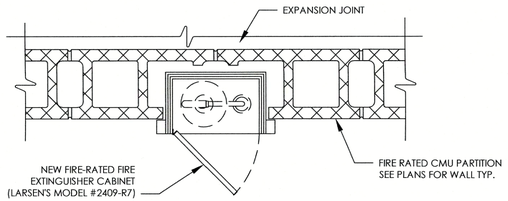
9 A802A **NEW WALL TO EXISTING PARAPET DETAIL**
SCALE: 1-1/2" = 1'-0"



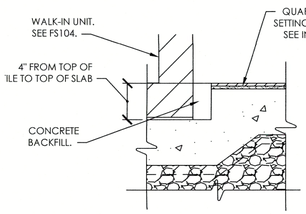
10 A802A **SKYLIGHT CURB AND FRAMING DETAIL**
SCALE: 1-1/2" = 1'-0"



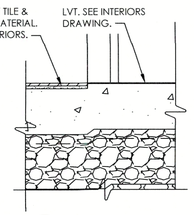
11 A802A **BAR JOIST DETAIL AT SKYLIGHT**
SCALE: 1-1/2" = 1'-0"



12 A802A **FIRE EXTINGUISHER CABINET DETAIL**
SCALE: 1-1/2" = 1'-0"



13 A802A **SLAB DETAIL**
SCALE: 1-1/2" = 1'-0"



14 A802A **SLAB DETAIL**
SCALE: 1-1/2" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	3/9/2022	MJ	SED ADDENDUM 01

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

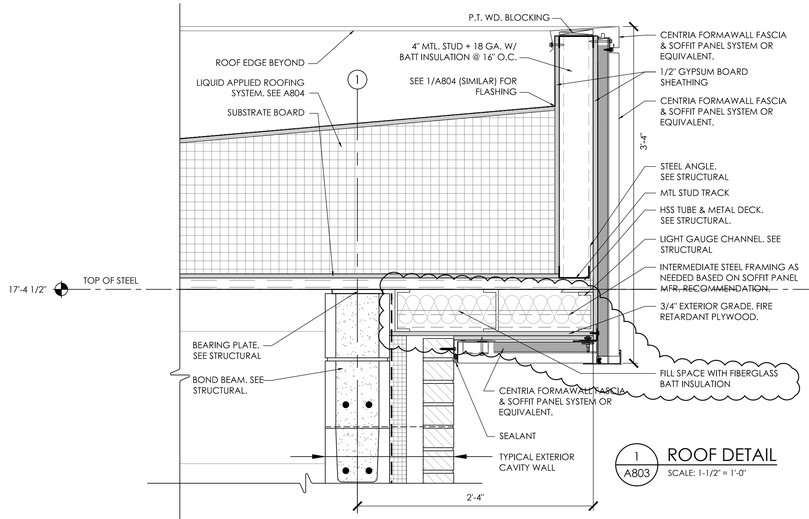
SCALE AS NOTED

SHEET TITLE
GENERAL CONSTRUCTION DETAILS-
BEAM ALTERNATE

PROJECT NUMBER
14426.04

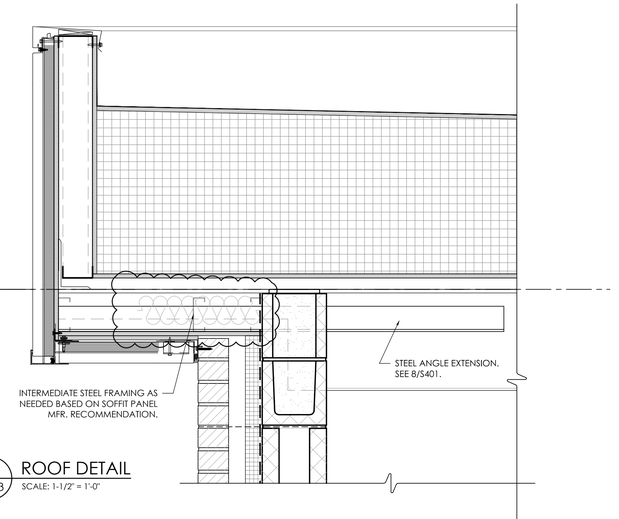
EES
A802A
DRAWING NUMBER

Plotted By: Mark Johnson
Date last plotted: 7/20/2022 3:18 PM
Date last accessed: 4/27/2022 5:04 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\AB\Phase 1\A801A_Details.dwg



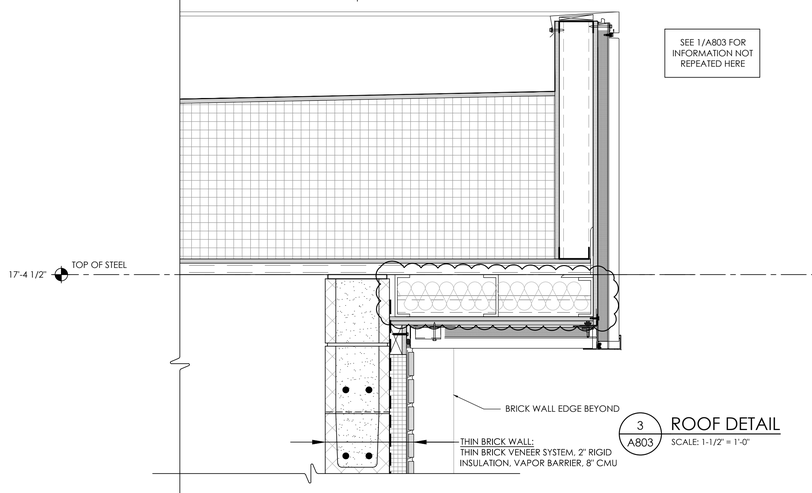
1 A803 ROOF DETAIL
SCALE: 1-1/2" = 1'-0"

SEE 1/A803 FOR INFORMATION NOT REPEATED HERE



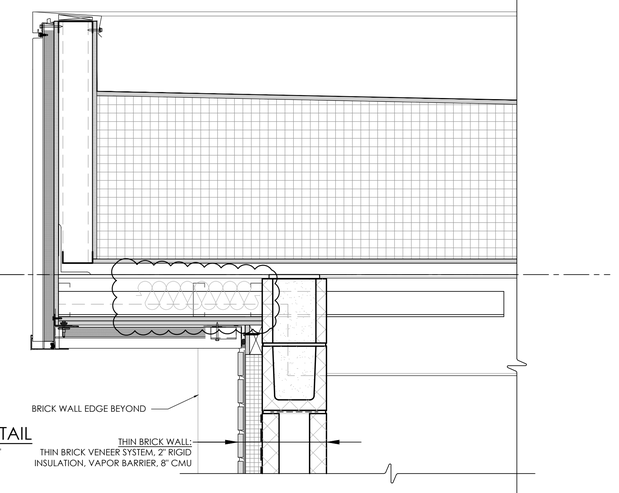
2 A803 ROOF DETAIL
SCALE: 1-1/2" = 1'-0"

SEE 1/A803 FOR INFORMATION NOT REPEATED HERE



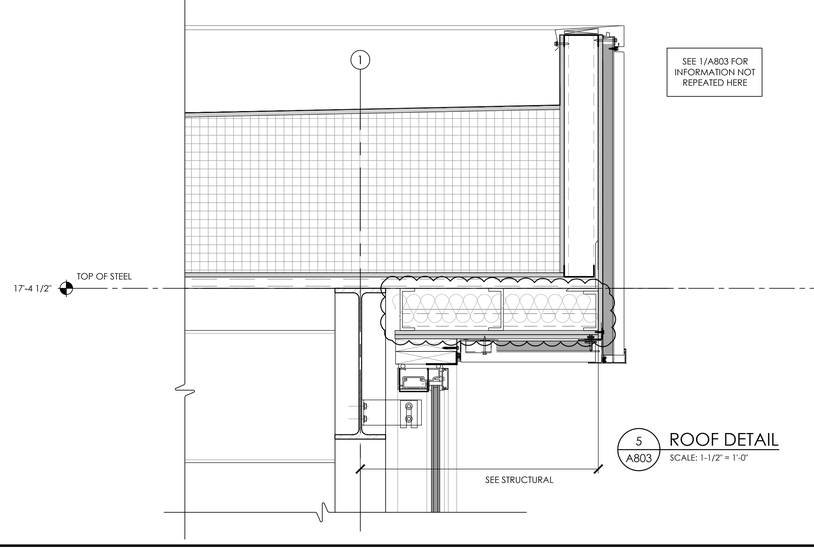
3 A803 ROOF DETAIL
SCALE: 1-1/2" = 1'-0"

SEE 1/A803 FOR INFORMATION NOT REPEATED HERE



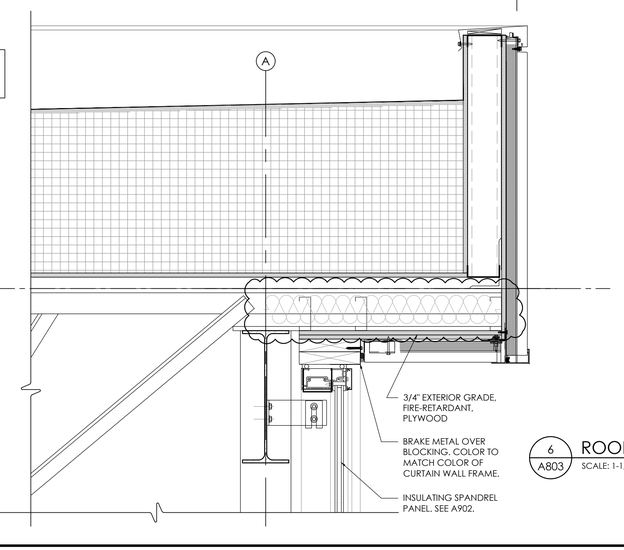
4 A803 ROOF DETAIL
SCALE: 1-1/2" = 1'-0"

SEE 1/A803 FOR INFORMATION NOT REPEATED HERE



5 A803 ROOF DETAIL
SCALE: 1-1/2" = 1'-0"

SEE 1/A803 FOR INFORMATION NOT REPEATED HERE



6 A803 ROOF DETAIL
SCALE: 1-1/2" = 1'-0"

CPLteam.com
ARCHITECTURE + ENGINEERING + PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	3/9/2022	MJ	SED ADDENDUM 01

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

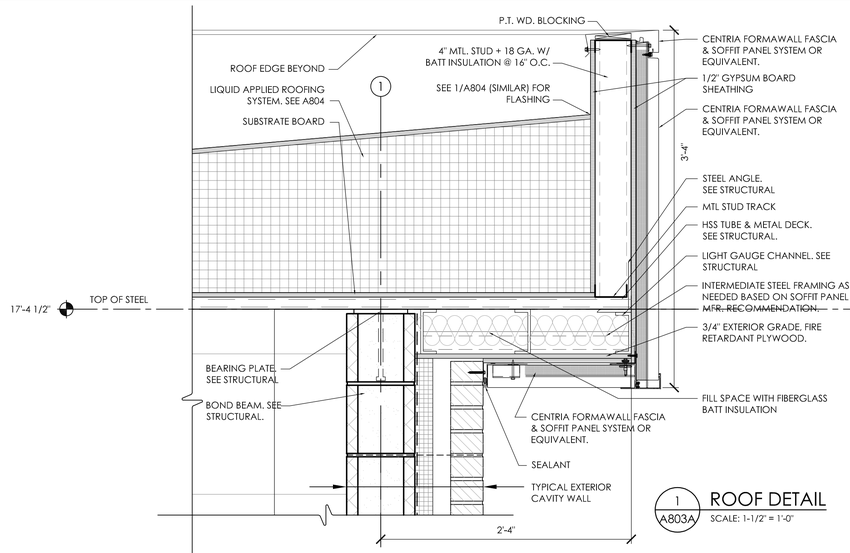
SHEET TITLE
ROOF EDGE DETAILS

PROJECT NUMBER
14426.04

EES
A803
DRAWING NUMBER

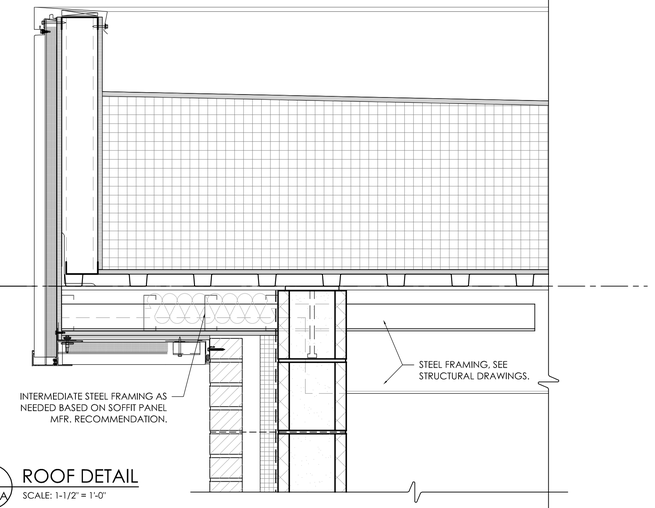
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PART SHALL AFFIX TO THE ITEM HER OR HIS NOTATION "ALTERED" FOLLOWED BY HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\AB\Phase 1\A801_Details.dwg
Date last accessed: 3/8/2022 4:09 PM
Date last plotted: 3/9/2022 4:01 PM
Plotted By: Mark Johnson



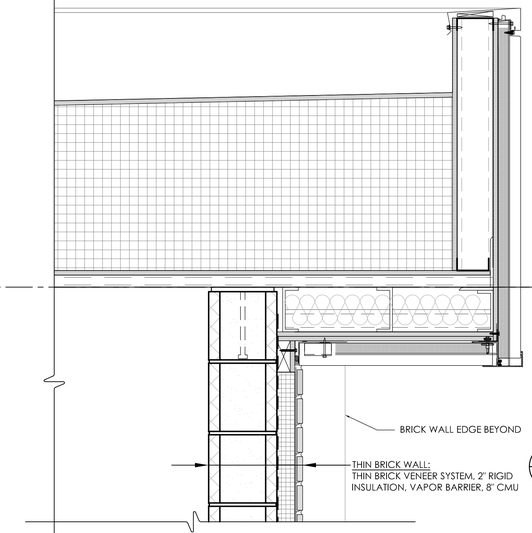
1 A803A ROOF DETAIL
SCALE: 1-1/2" = 1'-0"

SEE 1/A803A FOR INFORMATION NOT REPEATED HERE



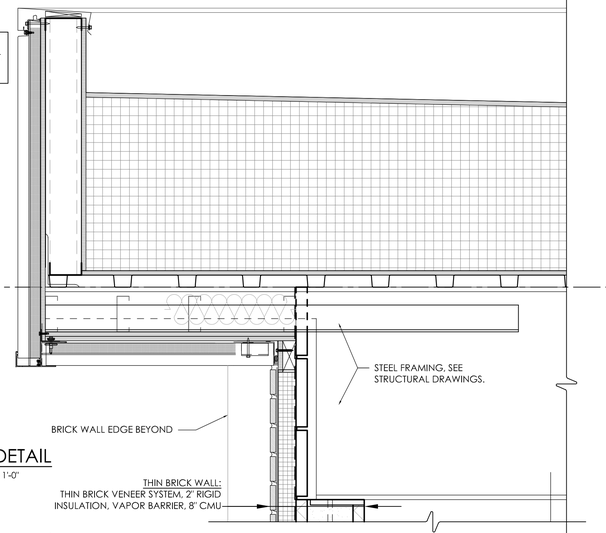
2 A803A ROOF DETAIL
SCALE: 1-1/2" = 1'-0"

SEE 1/A803A FOR INFORMATION NOT REPEATED HERE



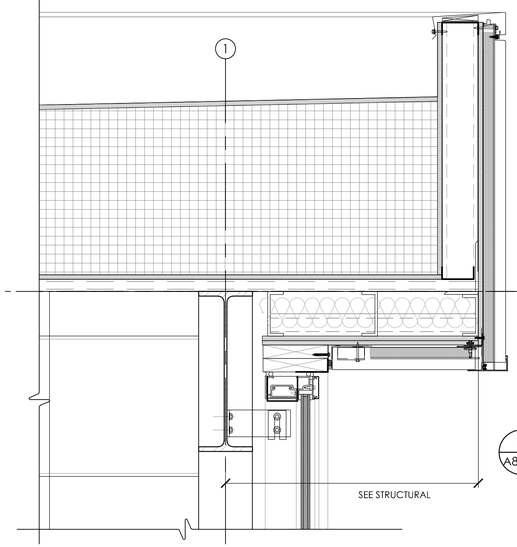
3 A803A ROOF DETAIL
SCALE: 1-1/2" = 1'-0"

SEE 1/A803A FOR INFORMATION NOT REPEATED HERE



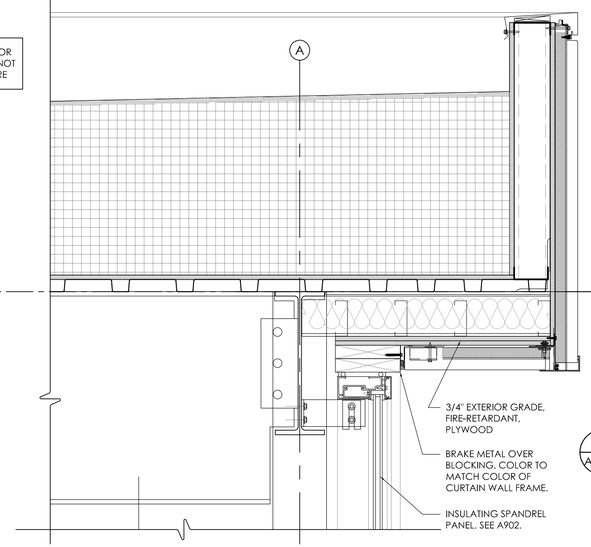
4 A803A ROOF DETAIL
SCALE: 1-1/2" = 1'-0"

SEE 1/A803A FOR INFORMATION NOT REPEATED HERE



5 A803A ROOF DETAIL
SCALE: 1-1/2" = 1'-0"

SEE 1/A803A FOR INFORMATION NOT REPEATED HERE



6 A803A ROOF DETAIL
SCALE: 1-1/2" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	3/9/2022	MJ	SED ADDENDUM 01

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

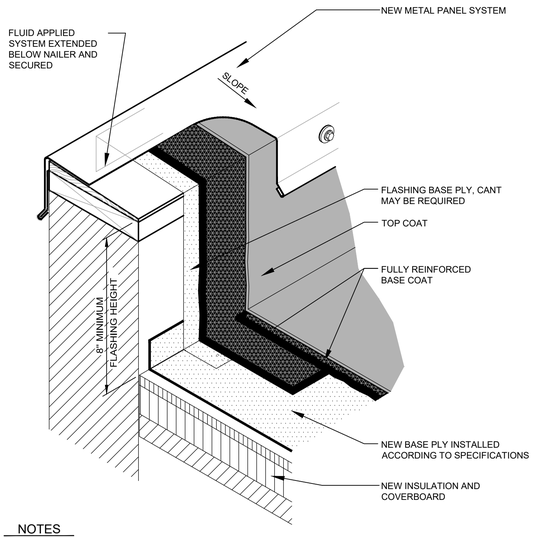
SHEET TITLE
ROOF EDGE DETAILS-BEAM ALTERNATE

PROJECT NUMBER
14426.04

EES
A803A
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

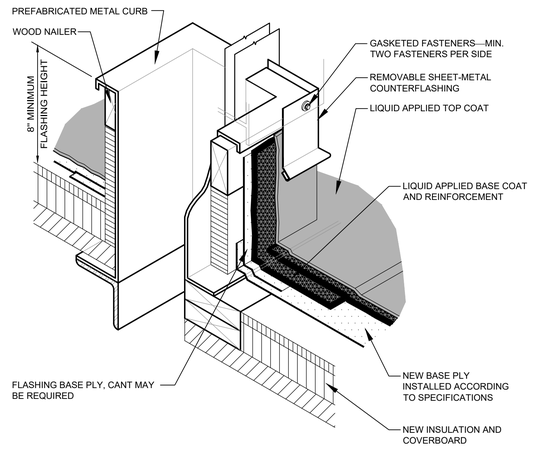
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCHV\A8\Phase 1\A801A_Details.dwg
Date last accessed: 4/25/2022 10:33 AM
Date last plotted: 4/25/2022 4:36 PM
Plotted By: Austin H West



NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

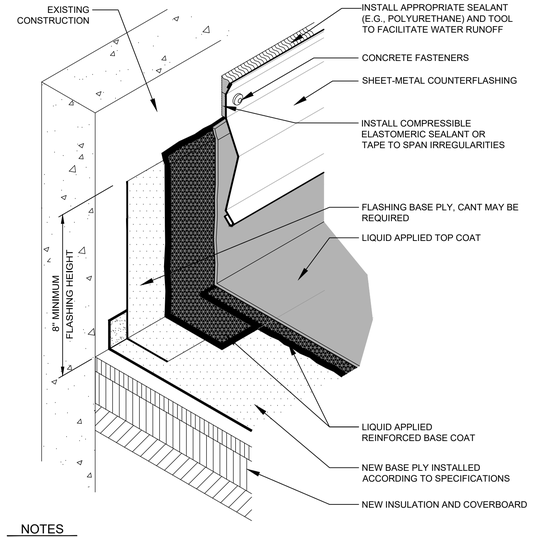
1 A804 FLASHING DETAIL AT PARAPET
SCALE: 1'-0" = 1'-0"



NOTES

1. WHERE THE SKYLIGHT, SCUTTLE OR SMOKE VENT FRAME OVERLAPS THE BASE FLASHING AT LEAST 3 INCHES, THE REMOVABLE SHEET-METAL COUNTERFLASHING IS NOT REQUIRED.
2. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
3. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

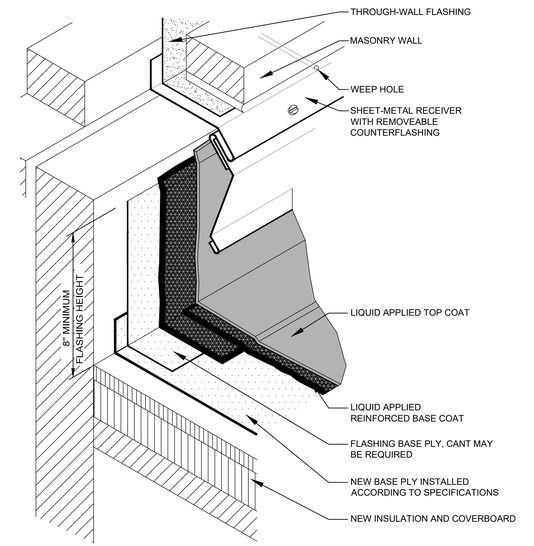
2 A804 FLASHING DETAIL AT CURB
SCALE: 1'-0" = 1'-0"



NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

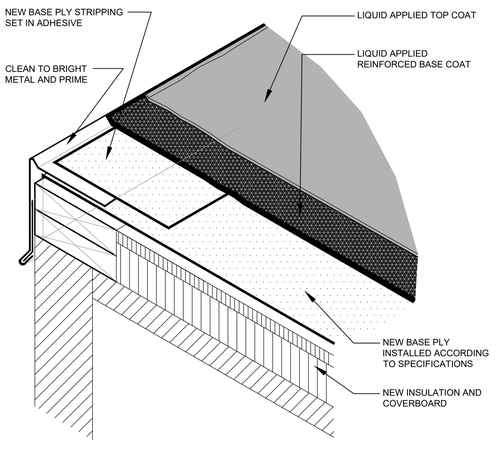
3 A804 FLASHING DETAIL W/ SURFACE-MOUNTED COUNTER-FLASHING
SCALE: 1'-0" = 1'-0"



NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

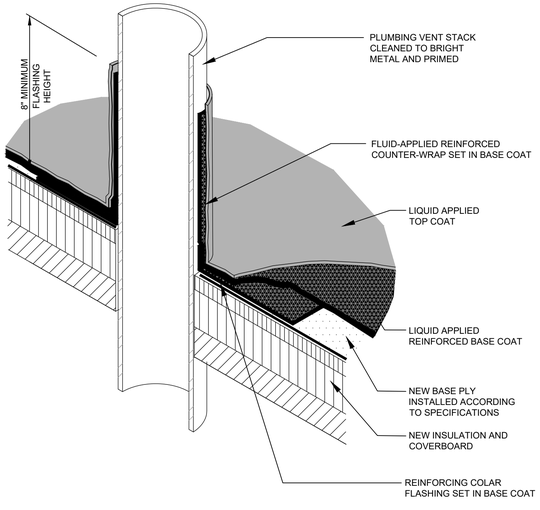
4 A804 FLASHING DETAIL W/ TWO-PIECE COUNTER-FLASHING
SCALE: 1'-0" = 1'-0"



NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

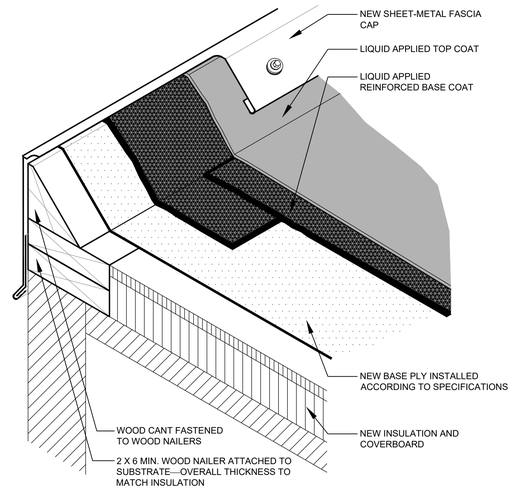
5 A804 FLASHING DETAIL AT ROOF-EDGE
SCALE: 1'-0" = 1'-0"



NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

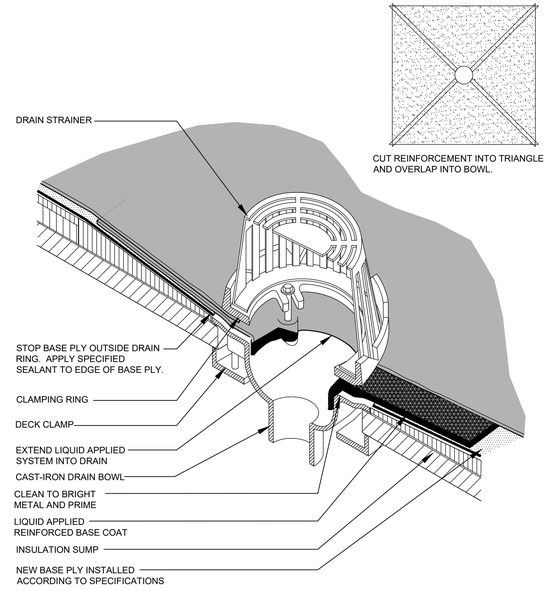
6 A804 FLASHING DETAIL AT VENT
SCALE: 1'-0" = 1'-0"



NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

7 A804 FLASHING DETAIL AT RAISED ROOF-EDGE
SCALE: 1'-0" = 1'-0"



NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.
3. REMOVE EXISTING FLASHINGS PRIOR TO INSTALLATION OF NEW FLUID APPLIED SYSTEMS.

8 A804 TYPICAL ROOF DRAIN DETAIL
SCALE: 1'-0" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

SHEET TITLE
TYPICAL ROOF DETAILS

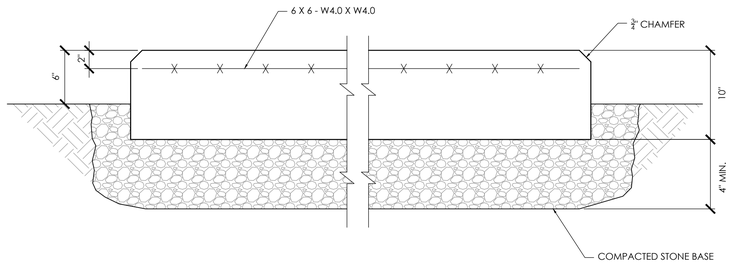
PROJECT NUMBER
14426.04

EES
A804
DRAWING NUMBER

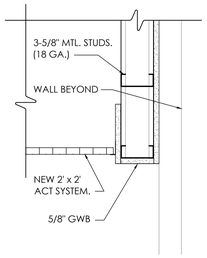
THE ARCHITECT, ENGINEER OR CONSTRUCTION MANAGER DESIGNATED BY THE OWNER AS THE COORDINATOR OF THE CONTRACT DOCUMENTS SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF THE VARIOUS TRADES AND SHALL ASSEMBLE COMPLETE AND COORDINATED SHOP DRAWINGS FOR ALL PORTIONS OF THE WORK BEFORE SUBMITTING THE FIRST SHOP DRAWING FOR REVIEW. SHOP DRAWINGS FOR INDIVIDUAL TRADES WILL NOT BE ACCEPTED UNTIL ALL RELATED SHOP DRAWINGS ARE AVAILABLE FOR REVIEW. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DELAYS CAUSED BY FAILURE TO COORDINATE SHOP DRAWINGS OR TO SUBMIT THEM AS A COMPLETE UNIT.

© ARCHITECTURAL RIGHTS OF CONSTRUCTION MANAGER AND OWNER'S CONSULTANTS. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, NOR SHALL THE ARCHITECT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE ARCHITECT SHALL NOT HAVE CONTROL OVER OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR THEIR AGENTS OR EMPLOYEES, OR ANY OTHER PERSONS PERFORMING PORTIONS OF THE WORK.

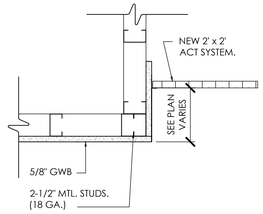
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\DD Design\06 CAD\AutoCAD\ARCH\A8\Phase 1\A801_Details.dwg
Date last accessed: 2/18/2021 8:02 AM
Date last plotted: 3/30/2021 5:15 PM
Plotted By: Ryan Goshea



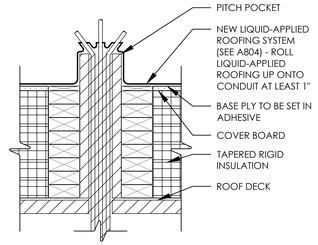
1 A805 EQUIPMENT HOUSEKEPING PAD DETAIL
SCALE: 1-1/2" = 1'-0"



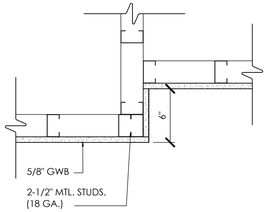
2 A805 BULKHEAD & ACT DETAIL
SCALE: 1-1/2" = 1'-0"



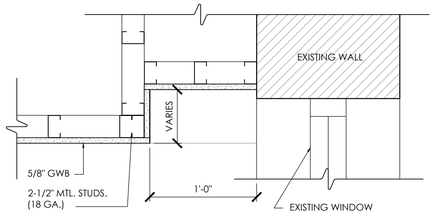
3 A805 SOFFIT & ACT DETAIL
SCALE: 1-1/2" = 1'-0"



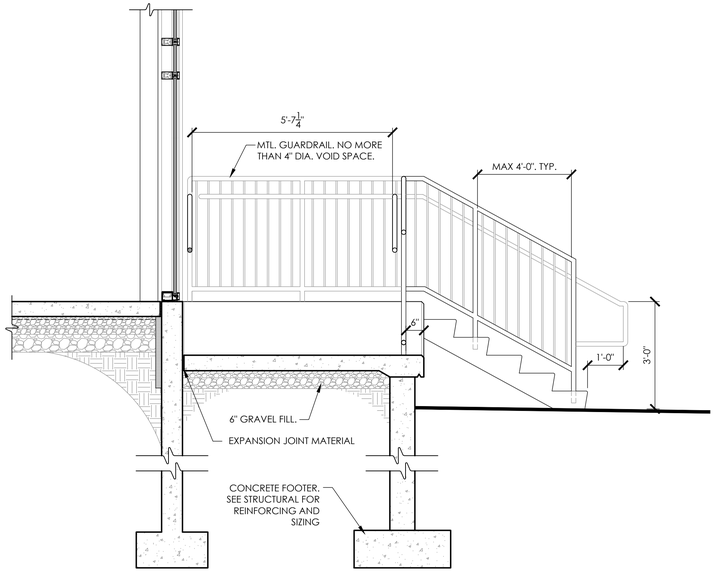
4 A805 PITCH POCKET DETAIL
SCALE: 1-1/2" = 1'-0"



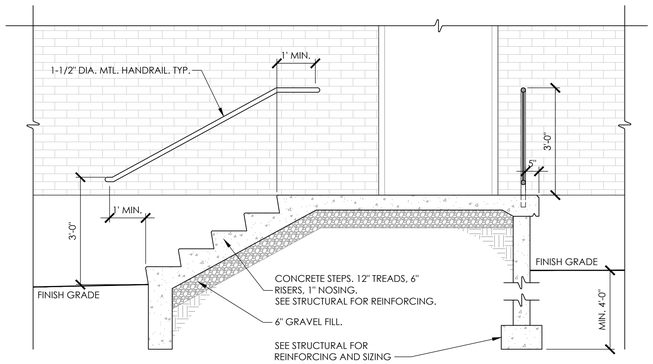
5 A805 SOFFIT DETAIL
SCALE: 1-1/2" = 1'-0"



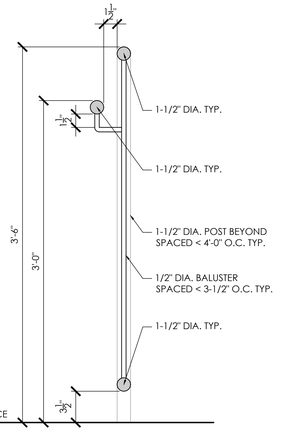
7 A805 SOFFIT DETAIL
SCALE: 1-1/2" = 1'-0"



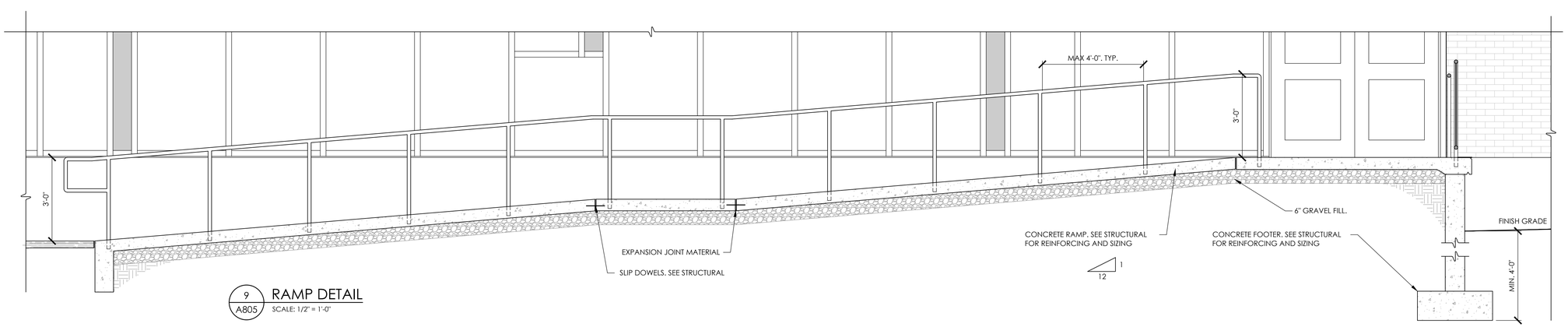
6 A805 RAMP DETAIL
SCALE: 1/2" = 1'-0"



8 A805 RAMP DETAIL
SCALE: 1/2" = 1'-0"



10 A805 HANDRAIL / GUARDRAIL DETAIL
SCALE: 1-1/2" = 1'-0"



9 A805 RAMP DETAIL
SCALE: 1/2" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

SHEET TITLE
GENERAL CONSTRUCTION DETAILS & RAMP DETAILS

PROJECT NUMBER
14426.04

EES
A805
DRAWING NUMBER

THESE DRAWINGS AND SPECIFICATIONS ARE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING AND ARE NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CPL ARCHITECTURE ENGINEERING PLANNING. VISUAL CONTACT WITH THESE DRAWINGS AND SPECIFICATIONS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS. ALL DRAWINGS, MODELS, AND COMPUTER FILES PREPARED BY THE ARCHITECT AS INSTRUMENTS OF SERVICE SHALL REMAIN THE PROPERTY OF THE ARCHITECT. ALL REPRODUCTIONS OF THE ABOVE MUST BEAR THE STATUTORY COPYRIGHT NOTICE. THE ARCHITECT SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT THEREIN. THE STRUCTURE FOR WHICH THESE DRAWINGS AND SPECIFICATIONS ARE PREPARED IS TO BE CONSTRUCTED ONLY ONCE AND THESE DRAWINGS AND SPECIFICATIONS ARE NOT TO BE USED FOR ANY ADDITIONAL CONSTRUCTION WORK WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT. ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY THE ARCHITECT ARE TO BE RETURNED OR ACCOUNTED FOR TO THE ARCHITECT ON COMPLETION OF THE WORK. ALL SHOP DRAWINGS BECOME THE PROPERTY OF THE ARCHITECT.

ES LIBRARY RELOCATION & CAFETERIA ADDITION - ELLENVILLE ES: SED #62-20-02-06-0-008-010 - ALL CONTRACTORS SHALL BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE DRAWINGS. ALL CONTRACTORS SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES AND REGULATIONS. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES. IN THE EVENT OF A CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND APPLICABLE CODES, ORDINANCES, LAWS OR REGULATIONS, THE MOST STRINGENT SHALL GOVERN. ALL CONTRACTORS SHALL GIVE ALL NOTICES AND OBTAIN ALL PERMITS AND APPROVALS NECESSARY FOR THE EXECUTION OF THE WORK. ALL CONTRACTORS SHALL PAY ALL FEES AND CHARGES IN CONNECTION THEREWITH AND DELIVER TO THE OWNER ALL CERTIFICATES OF INSPECTION AND APPROVAL. ALL CONTRACTORS SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING CONSTRUCTION AND PROPERTY AT OR ADJACENT TO THE SITE OF THE WORK AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO SUCH CONSTRUCTION OR PROPERTY CAUSED BY THEIR OPERATIONS. ALL CONTRACTORS SHALL PROVIDE ADEQUATE PROTECTION FOR ALL WORK AND MATERIALS AGAINST INJURY FROM THE WEATHER OR OTHER CAUSES DURING CONSTRUCTION AND SHALL REPLACE OR REPAIR ALL DAMAGED WORK OR MATERIALS BEFORE FINAL ACCEPTANCE. ALL CONTRACTORS SHALL PROVIDE ALL NECESSARY SHORING, BRACING OR UNDERPINNING REQUIRED FOR THE PROTECTION OF ADJACENT CONSTRUCTION AND PROPERTY DURING EXCAVATION AND CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY DAMAGE OR INJURY RESULTING FROM FAILURE TO PROVIDE SUCH SHORING, BRACING OR UNDERPINNING. ALL CONTRACTORS SHALL PROVIDE ALL NECESSARY SAFETY DEVICES AND SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE WORK. ALL CONTRACTORS SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE NEW YORK STATE EDUCATION LAW AND REGULATIONS OF THE COMMISSIONER OF EDUCATION.

Plotted By: Ryan Goshea
Date last plotted: 3/31/2021 9:08 AM
Date last accessed: 3/30/2021 5:16 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCHV\A8\Phase 1\A801_Details.dwg

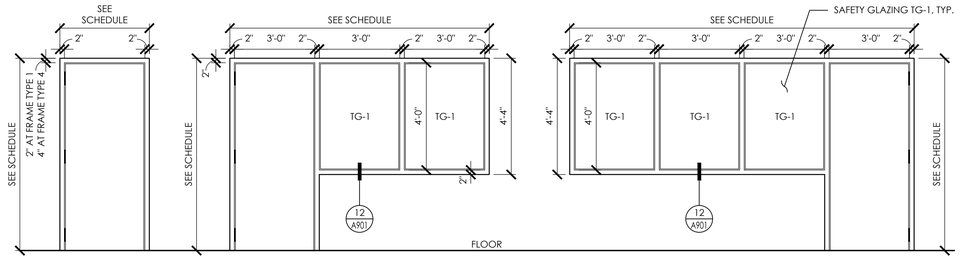
LEGEND

WD	WOOD
HM	HOLLOW METAL
EX	EXISTING
PT	PAINTED
MFR	MANUFACTURER
ALUM	ALUMINUM
SIM	SIMILAR
FRP	FIBER REINFORCED POLYMER
STL	STEEL
ST	STAINED / POLYURETHANED

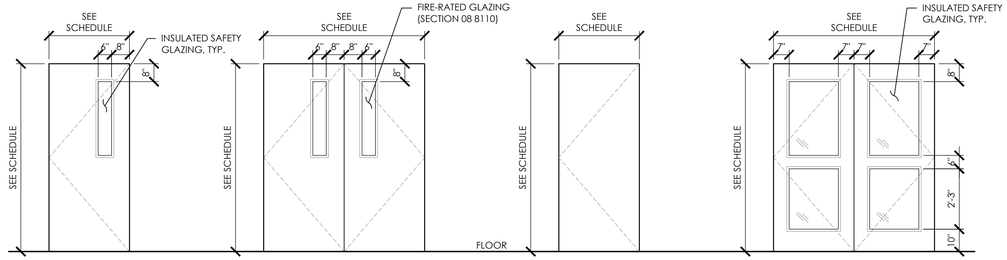
ELEMENTARY SCOOL DOOR SCHEDULE

DOORS								FRAMES									
DOOR NO.	SIZE			TYPE	MATERIAL / FINISH	UNDERCUT	FIRE RATING	OVERALL SIZE			TYPE	MATERIAL / FINISH	JAMB DETAIL	HEAD DETAIL	SILL DETAIL	HARDWARE SET NO.	LOCATION / FUNCTION	REMARKS (SEE NOTES BELOW ALSO)
	WIDTH	HEIGHT	TH.					WIDTH	HEIGHT	DEPTH								
1 / 100	(2) 3'-0"	7'-0"	1 ¾"	B	WD / ST	-	90 MIN.	6'-4"	7'-4"	5 ⅞"	4	HM / PT	5/EES-A802	7/EES-A802	7/EES-A901	SEE SECTION 08 7100	EGRESS	
2 / 100	(2) 3'-0"	7'-0"	2 ¼"	D	ALUM / MFR	-	-	SEE A902	SEE A902	6"	-	ALUM / MFR	1/EES-A802	MFR	13/EES-A901	SEE SECTION 08 7100	EGRESS	
1 / 101	3'-0"	7'-2"	1 ¾"	A	HM / PT	-	-	3'-4"	7'-4"	5 ⅞"	1	HM / PT	5/EES-A901	3/EES-A901	4/EES-A901	SEE SECTION 08 7100	EGRESS	
1 / 102	3'-0"	7'-2"	1 ¾"	C	WD / ST	-	-	3'-4"	7'-4"	5 ⅞"	1	HM / PT	11/EES-A901	6/EES-A901	10/EES-A901	SEE SECTION 08 7100	TOILET ROOM	
1 / 103	(2) 3'-0"	7'-2"	1 ¾"	B	WD / ST	-	60 MIN.	6'-4"	7'-4"	6 ⅝"	1	HM / PT	17/EES-A901	16/EES-A901	10/EES-A901	SEE SECTION 08 7100	EGRESS	
1 / 103A	3'-0"	7'-0"	1 ¾"	C	WD / ST	-	-	3'-4"	7'-2"	5 ⅞"	1	HM / PT	17/EES-A901	16/EES-A901	10/EES-A901	SEE SECTION 08 7100	STORAGE	
1 / 104	3'-0"	7'-0"	1 ¾"	A	WD / ST	-	-	12'-10"	7'-2"	5 ⅞"	3	HM / PT	17/EES-A901	16/EES-A901	10/EES-A901	SEE SECTION 08 7100	OFFICE	
1 / 105	3'-0"	7'-0"	1 ¾"	A	WD / ST	-	-	9'-8"	7'-2"	5 ⅞"	2	HM / PT	17/EES-A901	16/EES-A901	10/EES-A901	SEE SECTION 08 7100	OFFICE	

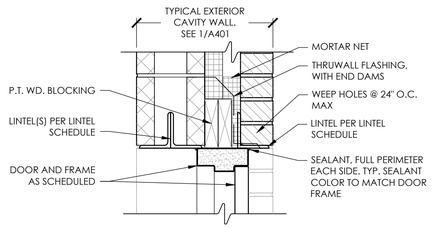
GENERAL NOTE: ALL HM DOORS & FRAMES ARE TO BE PAINTED



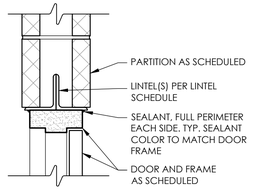
1 / A901 FRAME TYPES
SCALE: 3/8" = 1'-0"



2 / A901 DOOR TYPES
SCALE: 3/8" = 1'-0"

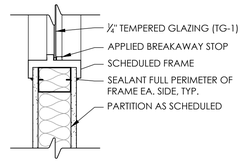


3 / A901 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



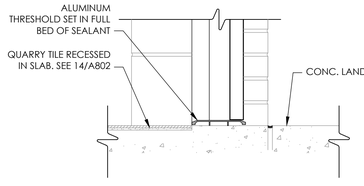
6 / A901 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

9 / A901 NOT USED
SCALE: NONE

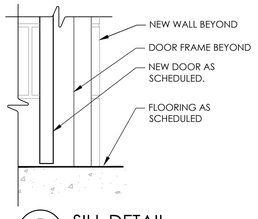


12 / A901 WINDOW DETAIL
SCALE: 1 1/2" = 1'-0"

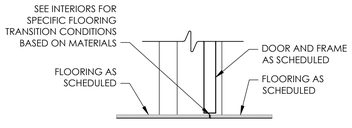
15 / A901 NOT USED
SCALE: NONE



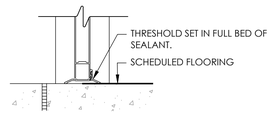
4 / A901 SILL DETAIL
SCALE: 1 1/2" = 1'-0"



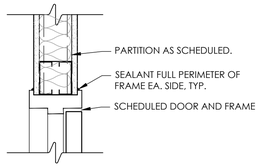
7 / A901 SILL DETAIL
SCALE: 1 1/2" = 1'-0"



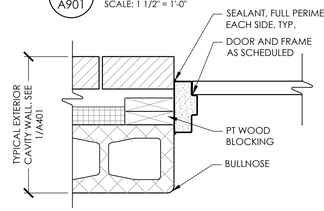
10 / A901 SILL DETAIL
SCALE: 1 1/2" = 1'-0"



13 / A901 SILL DETAIL
SCALE: 1 1/2" = 1'-0"

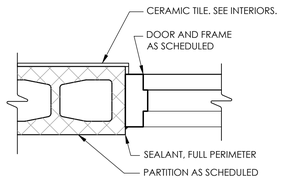


16 / A901 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

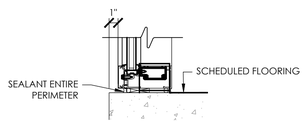


5 / A901 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

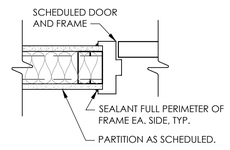
8 / A901 NOT USED
SCALE: NONE



11 / A901 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



14 / A901 CURTAIN WALL SILL DETAIL
SCALE: 1 1/2" = 1'-0"



17 / A901 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE: AS NOTED

SHEET TITLE
DOOR SCHEDULE, DOOR & FRAME TYPES & DETAILS

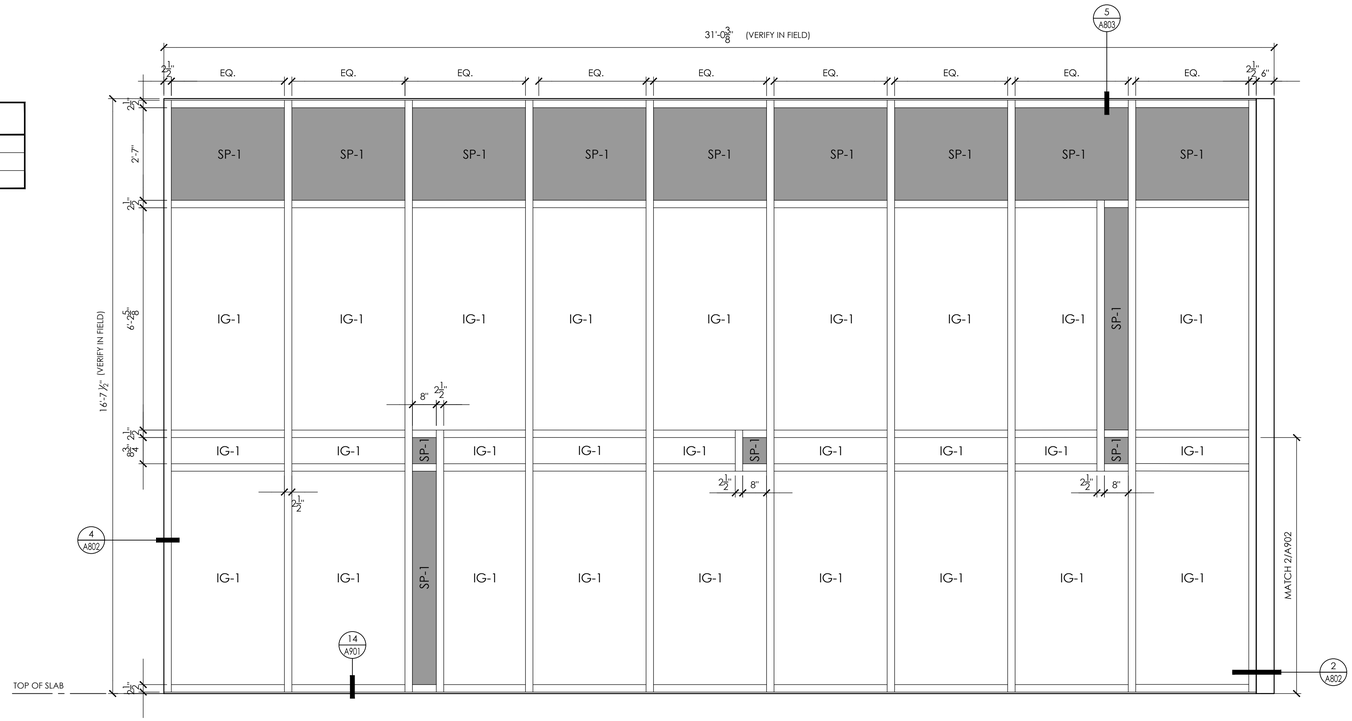
PROJECT NUMBER
14426.04

EES
A901
DRAWING NUMBER

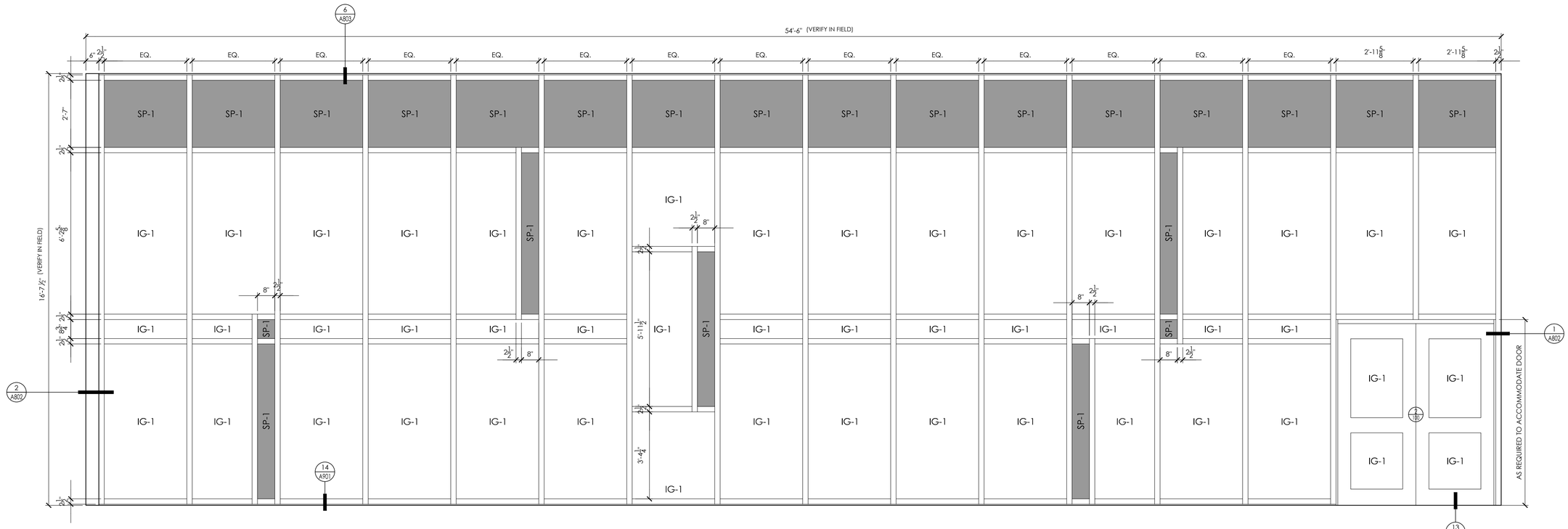
BROADER CONSTRUCTION INDUSTRY COMMISSIONER REGULATIONS AND NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS, NO PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY PLAN, SPECIFICATION, REPORT OR DRAWING OR THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS, NO PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY PLAN, SPECIFICATION, REPORT OR DRAWING OR THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW

Plotted By: Ryan Goshea
Date last plotted: 3/31/2021 9:13 AM
Date last accessed: 2/17/2021 3:18 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A9\Phase 1\A901_A902.dwg

GLASS TYPES	
IG-1	1" TINTED INSULATING GLASS (SEE SECTION 08 8000)
SP-1	1" INSULATING SPANDREL PANEL (SEE SECTION 07 5000)
TG-1	TEMPERED SAFTEY GLASS (SEE SECTION 08 8000)



1 A902 CURTAIN WALL 1 (CW-1)
SCALE: 1/2" = 1'-0"



2 A902 CURTAIN WALL 2 (CW-2)
SCALE: 1/2" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	ZG	MJ

SCALE AS NOTED

SHEET TITLE
WINDOW SCHEDULE & DETAILS

PROJECT NUMBER
14426.04

EES
A902
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A9\Phase 1\A901_A902.dwg
Date last accessed: 2/17/2021 3:18 PM
Date last plotted: 3/31/2021 9:15 AM
Plotted By: Ryan Goshea

Plotted By: Nicole Wylie
Date last plotted: 3/30/2021 3:38 PM
Date last accessed: 3/3/2021 8:35 AM
Drawing Name: \\clarkpatterson.local\dfs\Projects3\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\Interior\2\Phase 1\EES 1_I000.dwg

FINISH SCHEDULE

FINISH CODE	MANUFACTURER	STYLE/PATTERN	COLOR	SIZE	ADDITIONAL REQUIREMENTS	REMARKS
ACOUSTICAL CEILING TILE						
ACT-1	USG	RADAR HIGH NRC	WHITE	24" X 24"	SQUARE EDGE, 0.70 NRC; 15/16" GRID; REFER TO SPEC 095113	TYPICAL CEILING TILE
CARPET TILE						
CPT-1	MANNINGTON COMMERCIAL	GLITCH ART - CROSS TALK	DIGITAL SIGNAL	24" X 24"	QUARTER TURN INSTALLATION; PATTERNED LOOP CONSTRUCTION; 20 OZ/SQYD; SOLUTION DYED; ASTM E-648 CLASS I: SMOKE <450; REFER TO SPEC 096813	LIBRARY - FIELD COLOR
CPT-2	MANNINGTON COMMERCIAL	COLOR ANCHOR	MIGRATE	24" X 24"	QUARTER TURN INSTALLATION; PATTERNED LOOP CONSTRUCTION; 20 OZ/SQYD; SOLUTION DYED; ASTM E-648 CLASS I: SMOKE <450; REFER TO SPEC 096813	LIBRARY - ACCENT
CPT-3	MANNINGTON COMMERCIAL	COLOR ANCHOR	ABUZZ	24" X 24"	QUARTER TURN INSTALLATION; PATTERNED LOOP CONSTRUCTION; 20 OZ/SQYD; SOLUTION DYED; ASTM E-648 CLASS I: SMOKE <450; REFER TO SPEC 096813	LIBRARY - ACCENT
CERAMIC FLOOR TILE						
CFT-1	CROSSVILLE	COLOR BLOX	SLINKY, UPS FINISH	6" X 6"	DCOF .42-.52; 3/8" THICK; 3/16" GROUT JOINT; REFER TO SPEC 093000	RESTROOM - FLOOR TILE
CERAMIC WALL TILE						
CWT-1	CROSSVILLE	COLOR BY NUMBERS	TEA FOR TWO, SATIN	4" X 8"	1/4" THICK; INSTALL 1/3 STAGGERED, HORIZONTAL; REFER TO SPEC 093000	CAFETERIA - RESTROOM
CWT-1A	CROSSVILLE	COLOR BY NUMBERS - BULLNOSE	TEA FOR TWO, SATIN	2" X 8"	1/4" THICK; FOLLOW PATTERN OF FIELD TILE; REFER TO SPEC 093000	CAFETERIA - RESTROOM
CWT-2	CROSSVILLE	COLOR BY NUMBERS	TEA FOR TWO, GLOSS	4" X 12"	1/4" THICK; INSTALLED 1/3 STAGGERED, VERTICAL; REFER TO SPEC 093000	CAFETERIA - KITCHEN
CWT-3	DALTILE	COLOR WHEEL CLASSIC	TBD	4" X 4"	1/4" THICK; INSTALL MONOLITHIC; REFER TO SPEC 093000	CORRIDOR ALCOVE AT LIBRARY
CWT-3A	DALTILE	COLOR WHEEL CLASSIC - BULLNOSE	TBD	4" X 4"	1/4" THICK; INSTALL MONOLITHIC AT TOP ROW OF TILE; REFER TO SPEC 093000	CORRIDOR ALCOVE AT LIBRARY
CWT-4	DALTILE	COLOR WHEEL CLASSIC	TBD	4" X 4"	1/4" THICK; INSTALL MONOLITHIC; REFER TO SPEC 093000	CORRIDOR ALCOVE AT LIBRARY
CERAMIC TILE BASE						
CTB-1	CROSSVILLE	COLOR BLOX - COVE BASE	SLINKY	6" x 12"	3/8" THICK; 3/16" GROUT JOINT; REFER TO SPEC 093000	CAFETERIA - RESTROOM
CTB-2	DALTILE	COLOR WHEEL CLASSIC - COVE BASE	TBD	4" X 4"	1/4" THICK; INSTALL MONOLITHIC; REFER TO SPEC 093000	CORRIDOR ALCOVE AT LIBRARY
DIGITAL WALL GRAPHIC						
DWG-1	WOLF-GORDON	TYPE II VINYL WALLCOVERING	CUSTOM DIGITALLY PRINTED GRAPHIC WITH UV PROTECTIVE INKS - TBD	SIZE TO BE CONFIRMED IN FIELD	CLASS A FIRE RATED; REFER TO SPEC 097210	CAFETERIA GRAPHIC
EPOXY PAINT						
EPT-1	SHERWIN WILLIAMS	PRO-INDUSTRIAL PRE-CATALYZED WATERBASED EPOXY	TINSMITH #SW7657		EGGSHELL FINISH; PREP WITH BLOCK FILLER AT CMU LOCATIONS; REFER TO SPEC 099600	CAFETERIA
EPT-2	SHERWIN WILLIAMS	PRO-INDUSTRIAL PRE-CATALYZED WATERBASED EPOXY	SPARE WHITE #SW6203		EGGSHELL FINISH; PREP WITH BLOCK FILLER AT CMU LOCATIONS; REFER TO SPEC 099600	CAFETERIA
EPT-3	SHERWIN WILLIMS	PRO-INDUSTRIAL PRE-CATALYZED WATERBASED EPOXY	DOCKSIDE BLUE #SW7601		EGGSHELL FINISH; PREP WITH BLOCK FILLER AT CMU LOCATIONS; REFER TO SPEC 099600	RESTROOM
EPT-4	SHERWIN WILLIMS	PRO-INDUSTRIAL PRE-CATALYZED WATERBASED EPOXY	TBD (BLACK)		EGGSHELL FINISH; PREP WITH PRO CRYL PRIMER; FOR METAL APPLICATIONS; REFER TO SPEC 099600	STEEL COLUMNS
GROUT						
GRT-1	LATICRETE	PERMACOLOR	TBD	BASED ON TILE THICKNESS	REFER TO SPEC 093000	PROVIDE AT WALL TILE
GRT-2	LATICRETE	PERMACOLOR	TBD	BASED ON TILE THICKNESS	REFER TO SPEC 093000	PROVIDE AT FLOOR TILE
GRT-3	LATICRETE	SPECTRALOCK PRO	TBD	BASED ON TILE THICKNESS	REFER TO SPEC 093000	PROVIDE AT QUARRY TILE
LUXURY VINYL TILE						
LVT-1	MANNINGTON	COLOR ANCHOR - GROOVE	LONDON FOG #C119	18 X18"	QUANTUM GUARD TECHNOLOGY - NO WAX REQUIRED; REFER TO SPEC 096519	CAFETERIA - FIELD
LVT-2	MANNINGTON	COLOR ANCHOR - GROOVE	ISLAND BLUE #C109	18 X18"	QUANTUM GUARD TECHNOLOGY - NO WAX REQUIRED; REFER TO SPEC 096519	CAFETERIA - BLUE ACCENT
LVT-3	MANNINGTON	COLOR ANCHOR - GROOVE	BUZZY YELLOW #C104	18 X18"	QUANTUM GUARD TECHNOLOGY - NO WAX REQUIRED; REFER TO SPEC 096519	CAFETERIA - YELLOW ACCENT

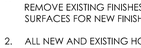
PAINT						
PT-1	SHERWIN WILLIAMS	SW 9165	GOSSAMER VEIL	-	EGGSHELL FINISH; REFER TO SPEC 099123	FIELD COLOR
PT-2	SHERWIN WILLIAMS	SW 9150	ENDLESS SEA	-	EGGSHELL FINISH; REFER TO SPEC 099123	ACCENT COLOR; COORDINATE LOCATIONS WITH ARCH DWGS
PT-3	SHERWIN WILLIAMS	SW 9019	GOLDEN PLUMERIA	-	EGGSHELL FINISH; REFER TO SPEC 099123	ACCENT COLOR; COORDINATE LOCATIONS WITH ARCH DWGS
PT-4	SHERWIN WILLIAMS	SW 6711	PARAKEET	-	EGGSHELL FINISH; REFER TO SPEC 099123	ACCENT COLOR; COORDINATE LOCATIONS WITH ARCH DWGS
PT-5	SHERWIN WILLIAMS	SW 7069	IRON ORE	-	SEMI-GLOSS FINISH. FOR METAL APPLICATIONS; REFER TO SPEC 099123	DOOR FRAMES
PT-6	SHERWIN WILLIAMS	SW 7007	CEILING BRIGHT WHITE	-	FLAT FINISH; REFER TO SPEC 099123	GYP CEILINGS, TYPICAL
PT-7	ROSCO	CHROMA KEY	MATTE GREEN	-	REFER TO SPEC 099123	GREEN SCREEN WALL - LIBRARY ROOM 104
QUARRY TILE						
QT-1	CROSSVILLE	CROSS-COLORS MINGLES	MERCURY	12" X 12"	UPS FINISH; 5/16" THICK; 3/16" GROUT JOINT; DCOF 0.50-0.60; REFER TO SPEC 093000	CAFETERIA - KITCHEN
QUARRY TILE BASE						
QTB-1	CROSSVILLE	CROSS-COLORS MINGLES	MERCURY	6" X 8" COVE BASE	USE FLAT TOP AT WALL TILE LOCATIONS; USE ROUND TOP ALL OTHER LOCATIONS. REFER TO SPEC 093000	CAFETERIA - KITCHEN
RESILIENT BASE						
RB-1	TARKETT	TV/VINYL TOE	#40 BLACK	4"H	0.125" THICK; ASTM E-648 CLASS 1; SMOKE <450; PROVIDE IN 75' COILS; REFER TO SPEC 096513	TYPICAL BASE
SOLID SURFACE MATERIAL						
SSM-1	DUPONT	CORIAN	GRADE C, COLOR TBD	FULL SHEET	1/2" THICK; 6000 PSI; NFPA 101 CLASS A; REFER TO SPEC 123661	WINDOW SILLS
TRANSITIONS						
TS-1	SCHLUTER SYSTEMS	SCHIENE	ANODIZED ALUMINUM (AE)	-	PROVIDE FLASHING AS REQUIRED TO CREATE SAME HEIGHT TRANSITIONS BETWEEN TWO NEW MATERIALS. REFER TO SPEC 093000	USE AT TRANSITION BETWEEN UNCOMMON FLOORING MATERIALS
TS-2	SCHLUTER SYSTEMS	TBD	ANODIZED ALUMINUM (AE)	-	CONTRACTOR TO VERIFY ADJACENT EXISTING MATERIAL. FLASH NEW MATERIAL UP TO MEET EXISTING WHERE POSSIBLE AND USE SAME HEIGHT TRANSITION (SHIENE. IF EXISTING MATERIAL IS LOWER THAN NEW, PROVIDE APPROPRIATE HEIGHT ADA COMPLIANT TRANSITION. REFER TO SPEC 093000	USE AT TRANSITION BETWEEN UNCOMMON FLOORING OR NEW AND EXISTING FLOORING MATERIALS
TS-3	TARKETT	WHEELED TRAFFIC TRANSITION; ADAPTOR, OR REDUCER	#40 BLACK	-	CONTRACTOR TO VERIFY ADJACENT EXISTING MATERIAL TO SELECT PROPER HEIGHT PROFILE. PROVIDE APPROPRIATE HEIGHT ADA COMPLIANT TRANSITION. REFER TO SPEC 096513	USE AT TRANSITION BETWEEN NEW AND EXISTING FLOORING MATERIALS
TRIM						
TR-1	SCHLUTER SYSTEMS	JOLLY	ANODIZED ALUMINUM (AE)	BASED ON TILE THICKNESS	REFER TO SPEC 093000	TYPICAL AT WALL TILE OUTSIDE CORNERS
TR-2	SCHLUTER SYSTEMS	QUADEC-K	ANODIZED ALUMINUM (AE)	BASED ON TILE THICKNESS	INCLUDE COORDINATING END CAP AT TOP EDGE; REFER TO SPEC 093000	OUTSIDE CORNERS - CORRIDOR ALCOVE AT LIBRARY ENTRANCE
VINYL ENHANCED TILE						
VET-1	TARKETT	AZTERRA	TBD	12" x 12"	PROVIDE MANUFACTURER'S RECOMMENDED FLOOR FINISH; REFER TO SPEC 096519	CORRIDOR NICHE AT LIBRARYENTRANCE
WHITEBOARD MATERIAL						
WB-1	KOROSEAL	WALLTALKERS; MAG-RITE M248-00	WHITE	48"W SHEETS; REFER TO A700 ELEVATION FOR DIMENSIONS	26 MIL THICK; ASTM E-84 CLASS A; PROVIDE COORDINATING MARKER TRAY; REFER TO SPEC 097210	WRITABLE WALL SURFACE - LIBRARY
WINDOW TREATMENTS						
WT-1	DRAPERY INDUSTRIES	BLUESHADE MANUAL ROLLER SHADES - MERMET E SCREEN FABRIC	FABRIC COLOR TBD	BASED ON WINDOW WIDTHS	REFER TO SPEC 122413	WINDOW TREATMENTS, TYPICAL

FINISH PLAN GENERAL NOTES

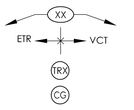
1. WHERE NEW FINISHES ARE SCHEDULED AT EXISTING CONDITIONS, REMOVE EXISTING FINISHES DOWN TO SUBSTRATE AND PREPARE SURFACES FOR NEW FINISH.
2. ALL NEW AND EXISTING HOLLOW METAL DOORS, DOOR FRAMES AND WINDOW FRAMES IN PROJECT SCOPE SHALL BE PAINTED AS NOTED ON FINISH PLANS, KEYNOTES, AND FINISH SCHEDULE.
3. ALL LOUVERS, VENTS, GRILLES AND OTHER MISCELLANEOUS MECHANICAL AND ELECTRICAL DEVICES ARE TO BE PAINTED TO MATCH THE SURFACE ON WHICH THEY APPEAR, UNLESS NOTED OTHERWISE (U.N.O.).
4. AREAS WITH NO NEW FINISHES INDICATED ARE NOT INCLUDED IN SCOPE OF WORK.
5. WHERE EXISTING WALLS TO REMAIN ARE DISTURBED BY REMOVAL OF FLOORING AND WALL BASE: PATCH OR PREP & PAINT ALL WALLS TO MATCH EXISTING.
6. REFER TO A600 SERIES AND ELECTRICAL DRAWINGS FOR CEILING INFORMATION.
7. SEE FINISH SCHEDULE FOR CEILING AND SOFFIT PAINT COLOR SPECIFICATIONS.
8. REFER TO A200/A700 SERIES INTERIOR ELEVATIONS FOR ALL MILLWORK FINISHES INCLUDING HIGH PRESSURE LAMINATE AND SOLID SURFACE LOCATIONS.
9. REFER TO I000 FOR TRANSITION STRIP DETAILS. PROVIDE NEW ADA COMPLIANT TRANSITION STRIPS AT ALL LOCATIONS WHERE NEW FLOORING IS INSTALLED.
10. HIGH PRESSURE PLASTIC LAMINATE ON VERTICAL SURFACES TO RUN VERTICALLY, UNLESS NOTED OTHERWISE (U.N.O.).
11. REFER TO I200s FOR FLOOR PATTERNING PLANS & DETAILS.
12. ALL FLOOR FINISHES SHALL TRANSITION AT THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE (U.N.O.). INSTALL TRANSITION STRIPS PER DETAILS ON I000.
13. ALL GROUT TO BE SEALED A MINIMUM OF TWO TIMES PRIOR TO COMPLETION.
14. WHERE KICKSPACES OCCUR AT MILLWORK, FLOOR FINISH SHOWN ON PLANS SHALL RUN UNDERNEATH KICKSPACE AS WELL.
15. PROVIDE AN ADA COMPLIANT MARBLE THRESHOLD AT ALL TOILET ROOMS RECEIVING NEW CERAMIC FLOOR TILE.
16. DO NOT INSTALL NEW FLOORING OVER NEW OR EXISTING EXPANSION JOINT LOCATIONS.

FINISH SYMBOLS LEGEND & ABBREVIATIONS

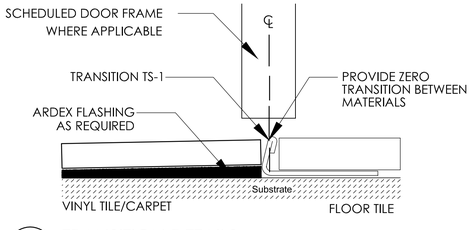
WALL FINISH(ES) | FLOOR FINISH(ES) / BASE FINISH | FINISH INDICATOR



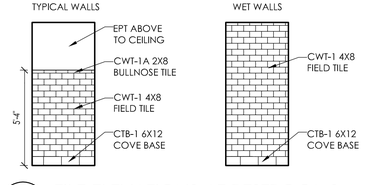
ACT	ACOUSTICAL CEILNG TILE	LVT	LUXURY VINYL TILE
AFF	ABOVE FINISHED FLOOR	PT	PAINT
CPT	CARPET TILE	PTM	PATCH TO MATCH
CT	CERAMIC TILE	RB	RESILIENT BASE
EPT	EPOXY PAINT	SGT	STRUCTURAL GLAZED TILE
EPX	EPOXY RESIN FLOOR	SSM	SOLID SURFACE MATERIAL
ETR	EXISTING TO REMAIN	TR	TRIM PIECE
GRT	GROUT	TS	TRANSITION STRIP
GWB	GYPSUM WALL BOARD	VCT	VINYL COMPOSITION TILE
HPL	HIGH PRESSURE LAMINATE	VET	VINYL ENHANCED TILE



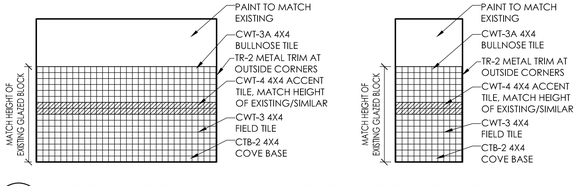
EXTENTS OF NOTED FINISH
FLOORING TRANSITION
TRANSITION TYPE
CORNER GUARD



1 / I000 TRANSITION DETAILS
SCALE: 3/4" = 1'-0"



2 / I000 TILE ELEVATIONS AT RESTROOMS
SCALE: 1/4" = 1'-0"



3 / I000 TILE ELEVATIONS AT LIBRARY ENTRANCE ALCOVE
SCALE: 1/4" = 1'-0"

CPLteam.com
ARCHITECTURE = ENGINEERING = PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION



ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	NFW	

SCALE AS NOTED

SHEET TITLE
INTERIORS
GENERAL

PROJECT NUMBER
14426.04

EES
I000
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PART SHALL BEAR THE NOTATION "ALTERED" FOLLOWED BY THE SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Plotted By: Nicole Wyllie
Date last plotted: 3/30/2021 3:39 PM
Date last accessed: 3/10/2021 4:29 PM
Drawing Name: \\clarkpatterson.local\dfs\Projects3\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\Interior\2\Phase 1\1201_I202.dwg

FINISH PLAN KEYED NOTES

1. PROVIDE TILE WAINSCOT WITH BULLNOSE TOP AT 5'-4" AFF; WET WALL TO RECEIVE FULL HEIGHT WALL TILE. PROVIDE TR-1 METAL TRIM ON ALL OUTSIDE CORNERS.
2. PROVIDE 3 COLOR LVT PATTERN THROUGHOUT MAIN CAFETERIA. REFER TO PATTERN PLAN.
3. PROVE EPT-1 ON ALL WALLS TO 9'-0", WITH EPT-2 ABOVE TO CEILING, UNLESS OTHERWISE NOTED.
4. PROVIDE TR-1 METAL TRIM AT ALL OUTSIDE CORNERS OF WALL TILE AREAS.
5. FLOOR TILE TO BE PITCHED TO FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
6. INTERIOR COLUMNS TO BE PAINTED EPT-4 ALL EXPOSED FACES, TYPICAL.
7. PROVIDE NEW SSM-1 WINDOW SILLS AND WT-1 WINDOW TREATMENTS, AS INDICATED ON FINISH SCHEDULE.
8. WHITEBOARD WALLCOVERING (WB-1) TO BEGIN AT 2'-6" AFF, 48" HIGH. TO BE INSTALLED WALL TO WALL AS SHOWN ON PLAN.
9. PATCH TO MATCH EXISTING GLAZED CMU WALL AND BASE FINISHES ON CORRIDOR SIDE OF INFILL WALL CONSTRUCTION. COORDINATE WITH ARCHITECTURAL DRAWINGS.
10. COORDINATE WALL TILE WITH HOOD AND STAINLESS STEEL WALL FLASHING - REFER TO FOOD SERVICE DWGS.
11. PROVIDE VET-1 FLOOR PATCH IN CORRIDOR NICHE AND REPLACE EXISTING TRANSITION STRIP AS NOTED. INSTALL WALL TILE CT-3 AND CT-4 PATTERN AS SHOWN ON ELEVATIONS 3/1000. WITH BULLNOSE TOP TILE EDGE AND COORDINATING TILE COVE BASE, TILE HEIGHT TO MATCH EXISTING GLAZED BLOCK IN CORRIDOR. PROVIDE SCHLUTER TRIM TR-2 AT OUTSIDE CORNERS. PROVIDE PAINT ABOVE TILE AND ON CEILING TO MATCH EXISTING CORRIDOR. COORDINATE WITH ARCHITECTURAL DRAWINGS.

FINISH SYMBOLS LEGEND & ABBREVIATIONS

WALL FINISH(ES) — PT-2 / PT-4 / VCT-1 / RB-1 — FLOOR FINISH(ES) / BASE FINISH

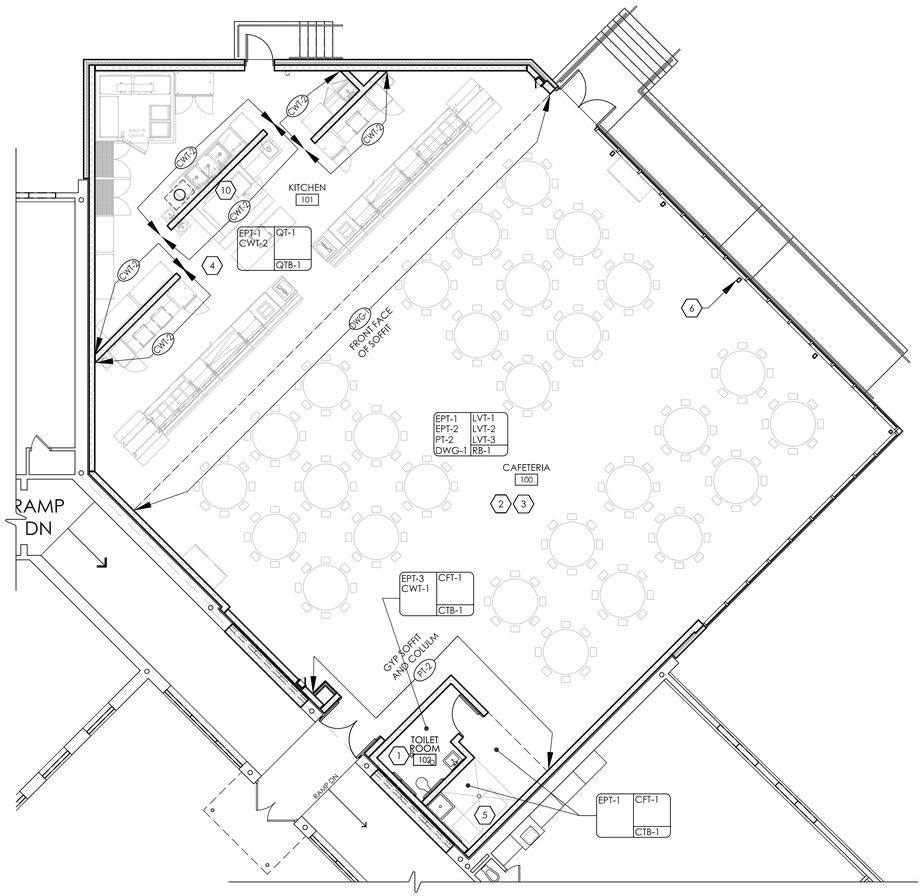
VCT-1 — FINISH INDICATOR

ACT	ACOUSTICAL CEILNG TILE	PT	PAINT
AFF	ABOVE FINISHED FLOOR	PTM	PATCH TO MATCH
CPT	CARPET TILE	RB	RESILIENT BASE
CT	CERAMIC TILE	SF	SPORTS FLOORING
EPT	EPOXY PAINT	SGT	STRUCTURAL GLAZED TILE
EPX	EPOXY RESIN FLOOR	SSM	SOLID SURFACE MATERIAL
ETR	EXISTING TO REMAIN	SF	SPORTS FLOORING
GRT	GROUT	TR	TRANSITION STRIP/TRIM PIECE
GWB	GYPSUM WALL BOARD	VCT	VINYL COMPOSITION TILE
HPL	HIGH PRESSURE LAMINATE	VET	VINYL ENHANCED TILE

XX — EXTENTS OF NOTED FINISH

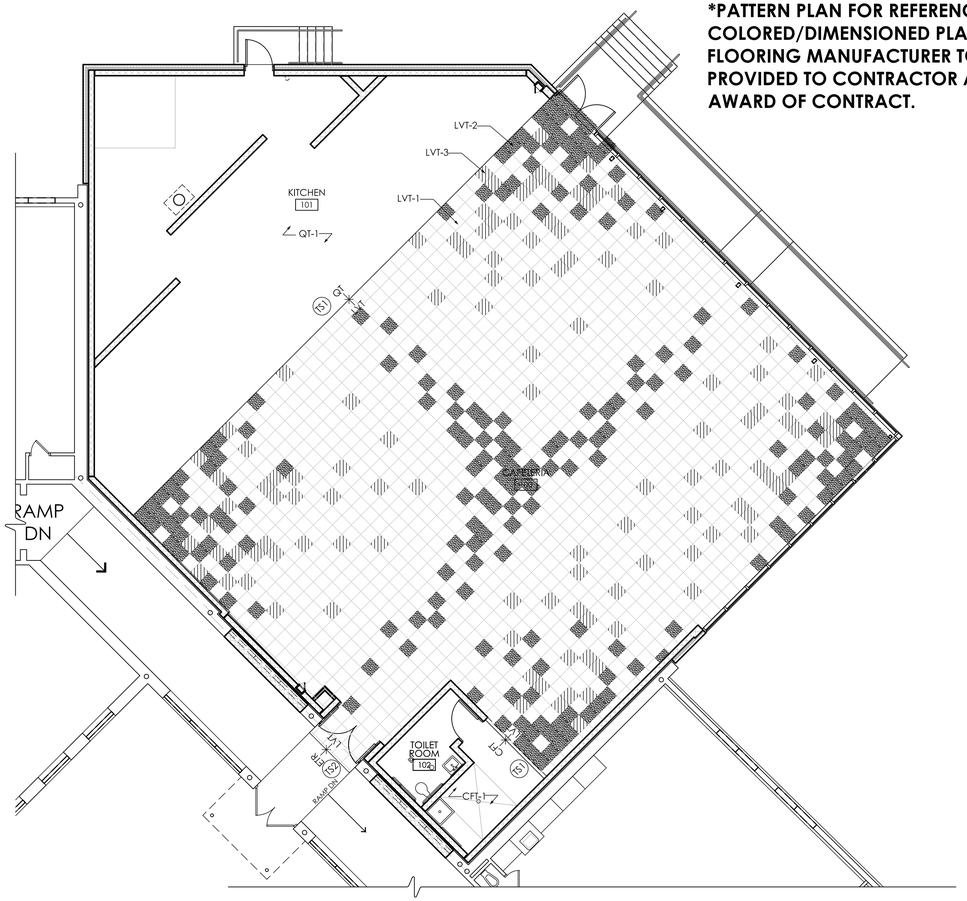
ETR / VCT — FLOORING TRANSITION

TRX — TRANSITION TYPE



1 I201 FINISH PLAN: CAFETERIA ADDITION
SCALE: 1/8" = 1'-0"

***PATTERN PLAN FOR REFERENCE ONLY. COLORED/DIMENSIONED PLAN FROM FLOORING MANUFACTURER TO BE PROVIDED TO CONTRACTOR AFTER AWARD OF CONTRACT.**



2 I201 FLOOR PATTERN PLAN: CAFETERIA ADDITION
SCALE: 1/8" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	NFW	

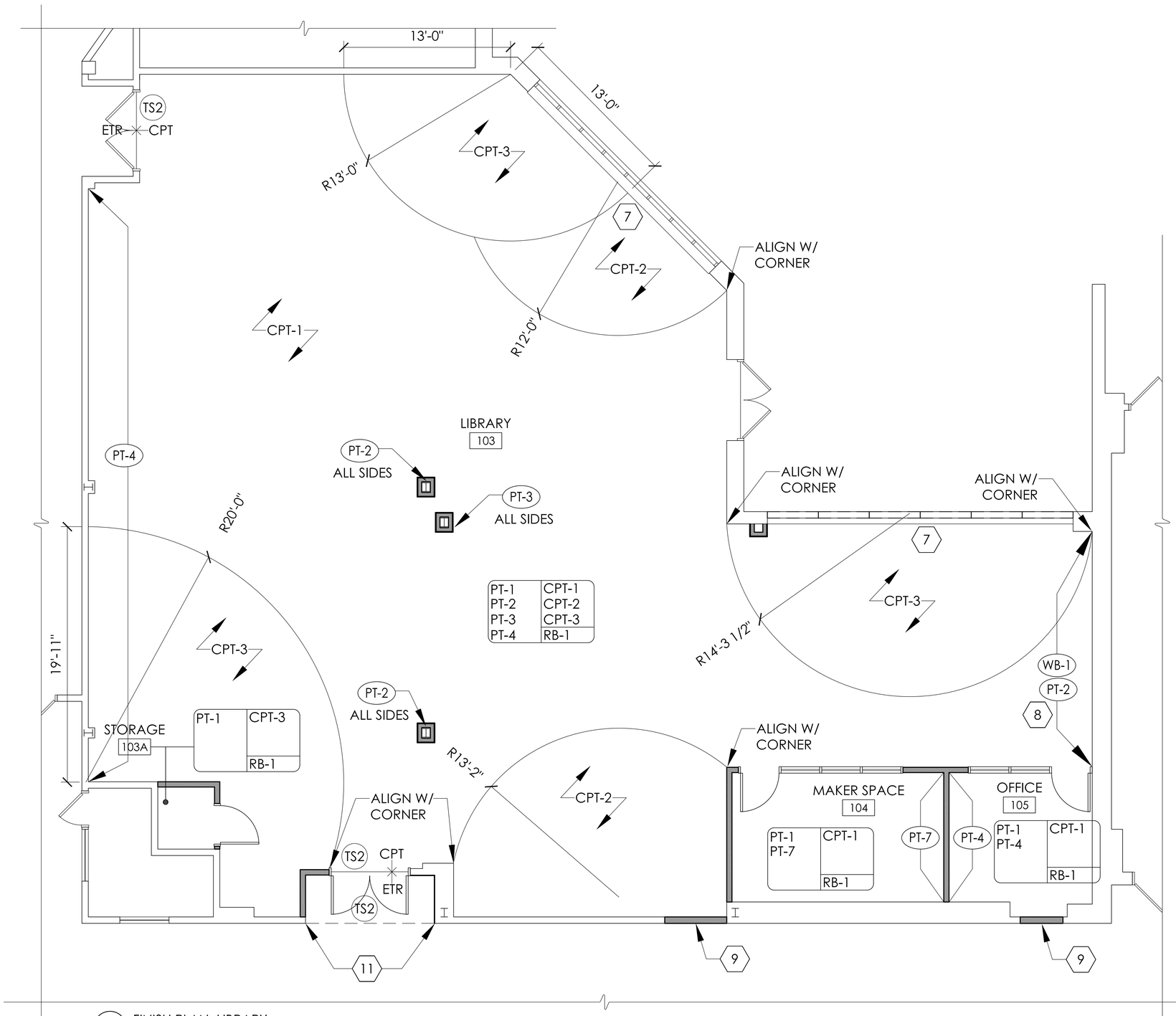
SCALE AS NOTED

SHEET TITLE
CAFETERIA ADDITION
FINISH PLAN

PROJECT NUMBER
14426.04

EES
I201
DRAWING NUMBER

THE REPRODUCTION OF THE NEW YORK STATE EDUCATION LAW AND THE ACCOMPANYING REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT A NOTATION STATING THE ALTERATION WAS MADE BY HIM/HER AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



1 / I202 FINISH PLAN: LIBRARY
SCALE: 1/8" = 1'-0"

FINISH PLAN KEYED NOTES

1. PROVIDE TILE WAINSCOT WITH BULLNOSE TOP AT 5'-4" AFF; WET WALL TO RECEIVE FULL HEIGHT WALL TILE. PROVIDE TR-1 METAL TRIM ON ALL OUTSIDE CORNERS.
2. PROVIDE 3 COLOR LVT PATTERN THROUGHOUT MAIN CAFETERIA, REFER TO PATTERN PLAN.
3. PROVE EPT-1 ON ALL WALLS TO 9'-0", WITH EPT-2 ABOVE TO CEILING, UNLESS OTHERWISE NOTED.
4. PROVIDE TR-1 METAL TRIM AT ALL OUTSIDE CORNERS OF WALL TILE AREAS.
5. FLOOR TILE TO BE PITCHED TO FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
6. INTERIOR COLUMNS TO BE PAINTED EPT-4 ALL EXPOSED FACES, TYPICAL.
7. PROVIDE NEW SSM-1 WINDOW SILLS AND WT-1 WINDOW TREATMENTS, AS INDICATED ON FINISH SCHEDULE.
8. WHITEBOARD WALLCOVERING (WB-1) TO BEGIN AT 2'-6" AFF, 48" HIGH, TO BE INSTALLED WALL TO WALL AS SHOWN ON PLAN.
9. PATCH TO MATCH EXISTING GLAZED CMU WALL AND BASE FINISHES ON CORRIDOR SIDE OF INFILL WALL CONSTRUCTION. COORDINATE WITH ARCHITECTURAL DRAWINGS.
10. COORDINATE WALL TILE WITH HOOD AND STAINLESS STEEL WALL FLASHING - REFER TO FOOD SERVICE DWGS.
11. PROVIDE VET-1 FLOOR PATCH IN CORRIDOR NICHE AND REPLACE EXISTING TRANSITION STRIP AS NOTED. INSTALL WALL TILE CT-3 AND CT-4 PATTERN AS SHOWN ON ELEVATIONS 3/I000, WITH BULLNOSE TOP TILE EDGE AND COORDINATING TILE COVE BASE. TILE HEIGHT TO MATCH EXISTING GLAZED BLOCK IN CORRIDOR. PROVIDE SCHLUTER TRIM TR-2 AT OUTSIDE CORNERS. PROVIDE PAINT ABOVE TILE AND ON CEILING TO MATCH EXISTING CORRIDOR. COORDINATE WITH ARCHITECTURAL DRAWINGS.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	NFW	

SCALE AS NOTED

SHEET TITLE
LIBRARY
FINISHES PLAN

PROJECT NUMBER
14426.04

EES
I202
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT HIS/HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS/HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Plotted By: Nicole Wylie
Date last plotted: 3/30/2021 3:42 PM
Date last accessed: 3/10/2021 4:29 PM
Drawing Name: \\clarkpatterson.local\dfs\Projects3\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\Interior\I2\Phase 1\I201_I202.dwg

HVAC SYMBOLS LIST

SYMBOL	DESCRIPTION
AAD	AUTOMATIC AIR DAMPER
ACC	AIR-COOLED CONDENSING UNIT
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
BBD	BOILER BLOW DOWN
BD	BACKDRAFT DAMPER
CA	COMPRESSED AIR
CD	COOLING COIL CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CR	CONDENSER WATER RETURN
CS	CONDENSER WATER SUPPLY
CW	DOMESTIC COLD WATER
D	DRAIN
(E)	EXISTING
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
ERHC	ELECTRIC REHEAT COIL
ETR	EXISTING TO REMAIN
EUH	ELECTRIC UNIT HEATER
F&T	FLOAT AND THERMOSTATIC TRAP
FCU	FAN-COIL UNIT
FPM	FEET PER MINUTE
FT	FIN-TUBE
GC	GENERAL CONTRACTOR
GR	GLYCOL RETURN
GS	GLYCOL SUPPLY
HC	HVAC CONTRACTOR
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HP	HEAT PUMP
HPC	HIGH PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
LF	LINEAR FOOTAGE OF FIN-TUBE RADIATION
LPC	LOW PRESSURE CONDENSATE
LPG	LIQUEFIED PROPANE GAS
LPS	LOW PRESSURE STEAM
MBH	1,000 BTU/HR
MC	MECHANICAL CONTRACTOR
MPC	MEDIUM PRESSURE CONDENSATE
MPS	MEDIUM PRESSURE STEAM
MRD	MONOFLO FITTING DOWN – HHWR
MSD	MONOFLO FITTING DOWN – HHWS
MUW	MAKE-UP WATER
NC	NORMALLY CLOSED
NG	NATURAL GAS
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
PC	PLUMBING CONTRACTOR
PD	PUMP DISCHARGE
PHWR	PRIMARY HEATING HOT WATER RETURN
PHWS	PRIMARY HEATING HOT WATER SUPPLY
RA	RETURN AIR
RD	REFRIGERANT DISCHARGE
RHC	HOT WATER REHEAT COIL
RLL	REFRIGERANT LIQUID PIPE
RSL	REFRIGERANT SUCTION PIPE
RTU	ROOFTOP UNIT
RV	ROOF VENT
SA	SUPPLY AIR
SHWR	SECONDARY HEATING HOT WATER RETURN
SHWS	SECONDARY HEATING HOT WATER SUPPLY
SSI	SPLIT SYSTEM INDOOR SECTION (EVAPORATOR SECTION)
SSO	SPLIT SYSTEM OUTDOOR SECTION (CONDENSING UNIT)
TC	TEMPERATURE CONTROLS CONTRACTOR
UH	UNIT HEATER
UV	UNIT VENTILATOR
V	VENT
WAHP	WATER-TO-AIR HEAT PUMP
WWHP	WATER-TO-WATER HEAT PUMP

SYMBOL	DESCRIPTION
	CONNECTION - TOP
	CONNECTION - BOTTOM
	DIRECTION OF FLOW
	REDUCER
	CAP OR PLUG
	ELBOW DOWN
	ELBOW UP
	TEE OUTLET - UP
	TEE OUTLET - DOWN
	UNION
	GATE VALVE
	BALL VALVE
	BALANCING VALVE
	STRAINER
	STRAINER WITH BLOW-DOWN
	BUTTERFLY VALVE
	BUTTERFLY CONTROL VALVE, PNEUMATIC 2-WAY
	BUTTERFLY CONTROL VALVE, ELECTRIC ACTUATOR
	GLOBE VALVE
	CHECK VALVE
	TRIPLE DUTY VALVE
	GAS COCK, PLUG VALVE
	UNDERCUT DOOR 1"
	LOUVERED DOOR W/ SQ. FT. OF FREE AREA
	AIR VENT - MANUAL
	AIR VENT - AUTOMATIC
	FLANGE
	CONTROL/SOLENOIND VALVE, ELECTRIC 2-WAY
	CONTROL VALVE, ELECTRIC 3-WAY
	CONTROL VALVE, PNEUMATIC 2-WAY
	CONTROL VALVE, PNEUMATIC 3-WAY
	RELIEF / SAFETY VALVE
	PRESSURE REDUCING VALVE
	VACUUM BREAKER
	FLEXIBLE PIPE CONNECTOR
	EXPANSION COMPENSATOR W/ GUIDES
	EXPANSION JOINT
	PIPE ANCHOR
	PIPE GUIDE
	THERMOSTATIC TRAP
	FLOAT & THERMOSTATIC TRAP
	BUCKET TRAP
	THERMODYNAMIC TRAP
	THERMOMETER
	WELL
	PRESSURE GAUGE
	STEAM PRESSURE GAUGE WITH 1/4" NEEDLE VALVE
	PRESSURE GAUGE WITH 1/4" NEEDLE VALVE
	PNEUMATIC (CONTROL) TUBING
	BUTTERFLY VALVE WITH PNEUMATIC AND MANUAL OPERATORS
	PIPING
	PIPING BELOW GRADE
	BASE MOUNTED PUMP
	IN-LINE PUMP
	AIR TERMINAL UNIT WITH REHEAT COIL AND SOUND ATTENUATOR
	AIR TERMINAL UNIT WITH SOUND ATTENUATOR
	AIR TERMINAL UNIT WITH REHEAT COIL
	AIR TERMINAL UNIT
W/W ENCL.	WALL TO WALL FIN TUBE ENCLOSURE

SYMBOL	DESCRIPTION
(DBL)	DOUBLE WALL LINED DUCT
20/10	DUCT SECTION - SUPPLY
20/10	DUCT SECTION - RETURN/EXHAUST
A"	DUCT SECTION - ROUND DUCT IN INCHES
AXB FO	DUCT SECTION - FLAT OVAL DUCT IN INCHES
	ACOUSTIC THERMAL LINING
	FLEXIBLE DUCTWORK
FC	FLEXIBLE CONNECTION
	FIRE DAMPER
	SMOKE DAMPER
	COMBINATION FIRE AND SMOKE DAMPER
VD	VOLUME DAMPER
	DAMPER CONTROL, PARALLEL BLADE
	DAMPER CONTROL, OPPOSED BLADE
AAD	AUTOMATIC AIR DAMPER
BDD	BACK DRAFT DAMPER
BG	BLAST GATE
20/10 / 12X10 / 10/20	AIR DUCT (FIRST FIGURE IS DUCT WIDTH/TOP, SECOND FIGURE IS DUCT DEPTH)
	MULTI-BLADE AIR EXTRACTOR
	TURNING VANES
	EXISTING WORK TO BE REMOVED (HATCHED)
P	POINT OF CONNECTION
R	POINT OF DISCONNECTION
	AIR FLOW SENSOR
	FILTER
	TRANSITION SQUARE TO ROUND
	HUMIDIFIER DISPERSION TUBE
RISE R	RISE IN DUCT
DROP D	DROP IN DUCT
	SQUARE CEILING DIFFUSER (4 WAY)
	ROUND CEILING DIFFUSER
	SQUARE OR RECTANGULAR CEILING GRILLE
	SUPPLY REGISTER, RETURN OR EXHAUST GRILLE
1-WAY 2-WAY 3-WAY	SUPPLY DIFFUSER, 1-WAY, 2-WAY, 3-WAY
8"Ø, D-3 300 CFM	CEILING DIFFUSER WITH NECK SIZE, TYPE, & CFM
10"x10", G-3 300 CFM	CEILING RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM
10"x8", R-2 300 CFM	SUPPLY REGISTER WITH SIZE, TYPE, & CFM
10"x8", G-2 300 CFM	RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM
	AIR FLOW
L1	ACOUSTIC/THERMAL DUCTWORK LINING - 1 INCH THICK
L2	ACOUSTIC/THERMAL DUCTWORK LINING - 2 INCH THICK
PL1	ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
PL2	ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK

SYMBOL	DESCRIPTION
24X12 / 12X10 / VD	SUPPLY / RETURN / EXHAUST AIR TAKEOFFS
24X12 / 8"Ø / VD	SUPPLY / RETURN / EXHAUST AIR TAKEOFFS
14"Ø / 10"Ø / VD	SUPPLY AIR TAKEOFFS
14"Ø / 10"Ø / VD	SUPPLY AIR TAKEOFFS
24X12 / 6X12 / 12X10 / 18X12 / 20X12	SUPPLY AIR TAKEOFFS
24X12 / 12X10 / VD	SUPPLY/RETURN EXHAUST AIR TAKEOFFS W/ REGISTER/GRILLE/ DIFFUSER
VD	SUPPLY/RETURN EXHAUST AIR END OF MAIN BRANCH TAKEOFFS
VD	SUPPLY/RETURN EXHAUST AIR END OF MAIN BRANCH TAKEOFFS
	LONG RADIUS 90° ELBOW R/W=1.5
	LONG RADIUS 45° ELBOW R/W=1.5
	90° ELBOW WITH TURNING VANES
18X16 / 18X8	90 VERTICAL SPLIT OFF (PLAN VIEW)
20X10 / 20X10	DUCT TURNING UP OR DOWN
MAX MIN	AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE MAX = MAXIMUM CFM MIN = MINIMUM CFM
GPM MAX	AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE GPM = GALLONS PER MIN MAX = MAXIMUM GPM
MAX MIN FAN	FAN POWERED AIR TERMINAL UNIT U - UNIT TYPE MAX = PRIMARY MAX CFM MIN = PRIMARY MIN CFM FAN = FAN CFM
TYPE / COIL SIZE / CLNG GPM / HTNG GPM	TYPE = VALANCE TYPE COIL SIZE = COIL LENGTH CLNG GPM = COOLING GPM HTNG GPM = HEATING GPM
X / XX	X = DIFFUSER OR GRILL TYPE XX = AIR FLOW VALUE (CFM)

SYMBOL	DESCRIPTION
	ELECTRIC/PNEUMATIC SWITCH OR RELAY
	PNEUMATIC/ELECTRIC SWITCH OR RELAY
CT	CURRENT TRANSDUCER
	OPEN/CLOSED
	START/STOP
	ENABLE/DISABLE
	TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)
	HUMIDITY SENSOR (DUCT MOUNTED)
	FLOW TRANSMITTER
	PRESSURE TRANSMITTER
	DIFFERENTIAL PRESSURE TRANSMITTER
	ELECTRIC/PNEUMATIC TRANSDUCER
	ELECTRIC/ELECTRONIC TRANSDUCER
	DUCT SMOKE DETECTOR
T	SPACE THERMOSTAT
	SPACE TEMPERATURE SENSOR
CO2	SPACE CARBON DIOXIDE SENSOR
CH4	SPACE NATURAL GAS SENSOR
CO	SPACE CARBON MONOXIDE SENSOR
G	SPACE SENSOR WITH GUARD
H	SPACE HUMIDISTAT
FS	WATER FLOW SENSOR
	PNEUMATIC ACTUATOR
	ELECTRIC ACTUATOR
VSD / VFD	VARIABLE SPEED / FREQUENCY DRIVE
C	COOLING COIL
H	HEATING COIL
F	GAS FURNACE
H	HUMIDIFIER
A	ALARM
S	STATUS
FS	FLOW SWITCH
DP	DIFFERENTIAL STATIC PRESSURE SWITCH
R	RELAY
	PRESSURE GAUGE
FZ	FREEZE-STAT
DI	DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)
DO	DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)
AO	ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)
AI	ANALOG INPUT (TO BUILDING MANAGEMENT SYSTEM)
	ELECTRICAL INTERFACE
SF	SPEED FEED BACK
ES	END SWITCH
PT	POSITION FEEDBACK
	TRAVERSE AVERAGING SENSOR
	PROBE SENSOR
	FREEZE STAT SENSOR

SYMBOLS GENERAL NOTES:

1) VALVE AND DAMPER ACTUATOR TYPES (ELECTRIC OR PNEUMATIC) WHICH ARE INDICATED IN HVAC TEMPERATURE CONTROL DRAWINGS SHALL SUPERSEDE TYPE INDICATED ON ALL OTHER HVAC DRAWINGS.

HVAC CONTRACTOR GENERAL NOTES:

A. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.

B. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE EXISTING CEILINGS SHALL BE REMOVED IN A MANNER TO AVOID DAMAGE TO THE CEILING SYSTEMS. STORAGE OF CEILING SYSTEM COMPONENTS FOR REINSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE STORAGE OF ALL MATERIAL SHALL BE IN AREAS OR LOCATIONS APPROVED BY THE OWNER. THE OWNER WILL NOT COMPENSATE FOR ANY DAMAGED OR LOST MATERIAL WHILE IN STORAGE. AFTER COMPLETION OF ALL DEMOLITION OR NEW WORK, THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION.

C. DEMOLITION DRAWINGS SHOW MAJOR EQUIPMENT, PIPING, AND DUCTWORK REMOVALS. THE INTENT IS NOT TO IDENTIFY ALL MISCELLANEOUS PIPING, PIPING ACCESSORIES, DUCTWORK, DUCTWORK ACCESSORIES, SUPPORTS, CONTROLS, CONTROL ACCESSORIES, CONTROL WIRING, CONDUIT, AND PNEUMATIC CONTROL TUBING TO BE DISCONNECTED AND REMOVED, BUT IS THE REQUIREMENT UNDER THIS CONTRACT. NO EQUIPMENT, PIPING, OR DUCTWORK SHALL BE ABANDONED IN PLACE, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

D. ALL EQUIPMENT INDICATED TO BE TURNED OVER TO THE OWNER SHALL BE DISCONNECTED AND REMOVED FROM THE EXISTING SYSTEMS AND DELIVERED (INCLUDING LOADING AND UNLOADING) TO A STORAGE AREA WITHIN THE BUILDING AS SELECTED BY THE OWNER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ANY EQUIPMENT DAMAGED DURING REMOVAL AND DELIVERY. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS TO THE EQUIPMENT.

E. BEFORE DISCONNECTING, REMOVING, OR SERVICING ANY AIR CONDITIONING EQUIPMENT OR SYSTEMS CONTAINING REFRIGERANTS, THE EQUIPMENT OR SYSTEMS SHALL BE EVACUATED OF ALL REFRIGERANT PER THE LATEST ADOPTED RULES AND REGULATIONS BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA). THE CONTRACTOR OR TECHNICIAN PERFORMING THE WORK SHALL BE CERTIFIED BY AN EPA APPROVED CERTIFYING AGENCY OR ORGANIZATION.

F. ALL DUCTWORK, PIPING, AND CONDUIT PENETRATIONS THROUGH RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPINGS PER SPECIFICATION. REFER TO CODE ANALYSIS DRAWING FOR ALL RATED WALL LOCATIONS. ALL FLOORS SHALL BE CONSIDERED RATED.

G. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THIS CONTRACT TO PATCH AND FINISH ALL EXISTING DUCTWORK OR PIPE PENETRATIONS THROUGH FLOORS, ROOFS, INTERIOR WALLS, AND EXTERIOR WALLS AFTER DEMOLITION WORK. IN ADDITION, ALL NEW PENETRATIONS SHALL BE PROVIDED FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, CURBING, DUCTWORK, PIPING, CONTROLS, ETC. PATCHING AND FINISHING SHALL MATCH EXISTING CONSTRUCTION INCLUDING FIRE RATINGS. PROVIDE LINTELS PER LINTEL SCHEDULE.

H. IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL AIR VENTS AND DRAINS IN THE PIPING SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AIR VENTS AT ALL SYSTEM HIGH POINTS AND AT AREAS WITHIN THE PIPING SYSTEMS THAT COULD ACCUMULATE OR TRAP AIR WHICH WOULD PREVENT PROPER VENTING OR OPERATION OF THE SYSTEMS. DRAINS SHALL BE PROVIDED AT ALL LOW POINTS WITHIN THE PIPING SYSTEM TO FACILITATE COMPLETE DRAINING OF THE SYSTEM .

I. PROVIDE THERMAL EXPANSION COMPENSATORS AND THERMAL EXPANSION LOOPS IN PIPING SYSTEM PER INDUSTRY STANDARDS.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK · DAVID R. HART · No. 075780 · LICENSED PROFESSIONAL ENGINEER

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

SCALE AS NOTED

SHEET TITLE
MECHANICAL SYMBOLS LIST

PROJECT NUMBER
14426.04

GEN
H000
DRAWING NUMBER

THIS DRAWING IS A COPYRIGHTED WORK AND THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING. ALL RIGHTS RESERVED. THIS DRAWING MAY NOT BE COPIED, REPRODUCED, OR USED IN ANY MANNER WHATSOEVER WITHOUT THE EXPRESS WRITTEN PERMISSION OF CPL ARCHITECTURE ENGINEERING PLANNING. ALL UNAUTHORIZED USES WILL BE ENFORCED TO THE FULLEST EXTENT OF THE LAW.

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ARCHITECT, ENGINEER OR SURVEYOR ALTERS THIS DOCUMENT, THE ALTERING ARCHITECT, ENGINEER OR SURVEYOR SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Plotted By: Brendon Mazza
Date last plotted: 12/2/2021 4:16 PM
Date last accessed: 1/22/2021 9:33 AM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\MECH\H0\Phase 1\H000.dwg

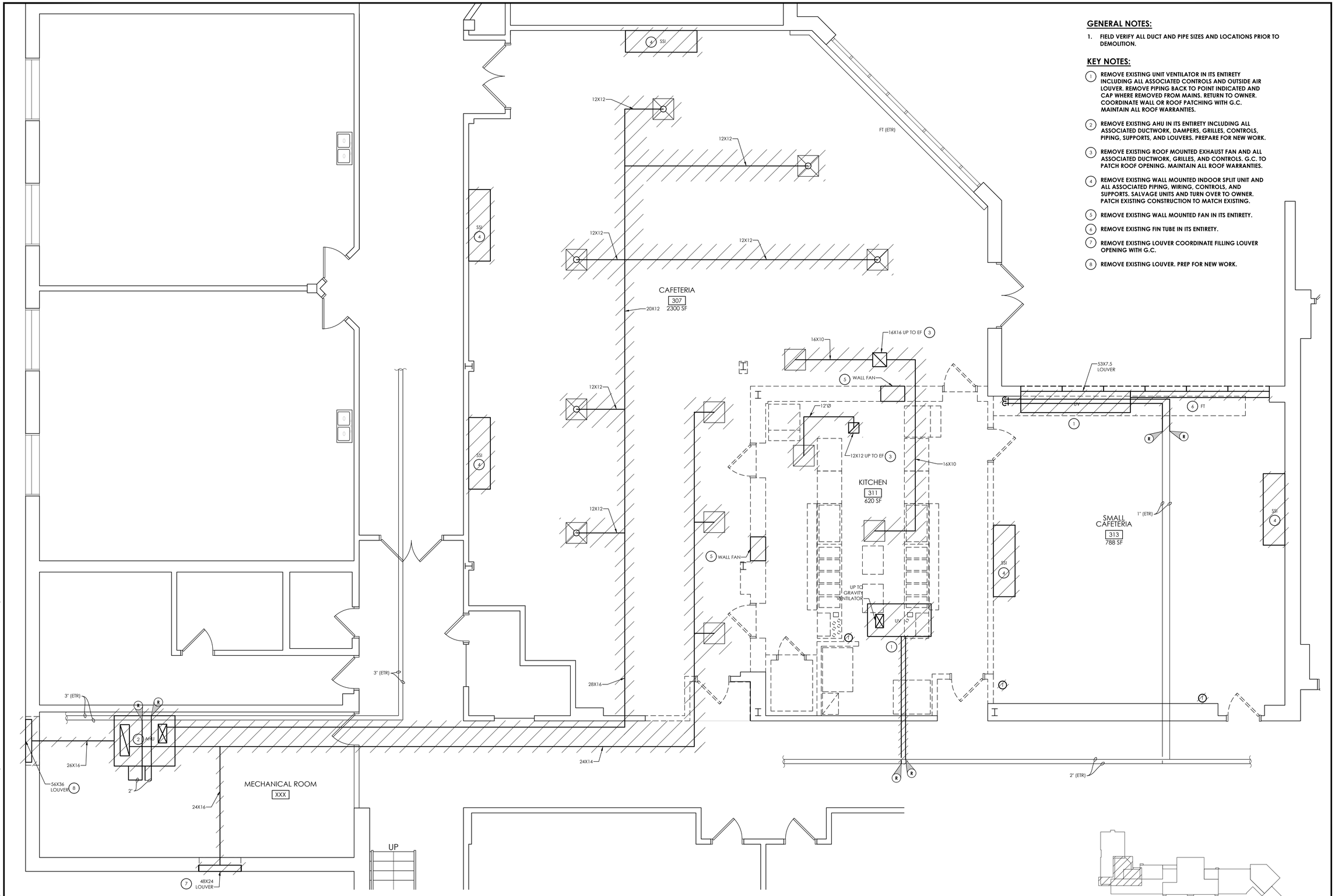
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\MECH\H1\Phase 1\EES H101.dwg
Date last accessed: 3/30/2021 2:54 PM
Date last plotted: 12/2/2021 4:18 PM
Plotted By: Brendon Mazza

GENERAL NOTES:

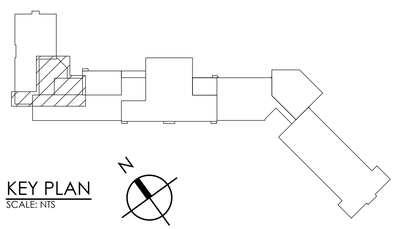
1. FIELD VERIFY ALL DUCT AND PIPE SIZES AND LOCATIONS PRIOR TO DEMOLITION.

KEY NOTES:

1. REMOVE EXISTING UNIT VENTILATOR IN ITS ENTIRETY INCLUDING ALL ASSOCIATED CONTROLS AND OUTSIDE AIR LOUVER. REMOVE PIPING BACK TO POINT INDICATED AND CAP WHERE REMOVED FROM MAINS. RETURN TO OWNER. COORDINATE WALL OR ROOF PATCHING WITH G.C. MAINTAIN ALL ROOF WARRANTIES.
2. REMOVE EXISTING AHU IN ITS ENTIRETY INCLUDING ALL ASSOCIATED DUCTWORK, DAMPERS, GRILLES, CONTROLS, PIPING, SUPPORTS, AND LOUVERS. PREPARE FOR NEW WORK.
3. REMOVE EXISTING ROOF MOUNTED EXHAUST FAN AND ALL ASSOCIATED DUCTWORK, GRILLES, AND CONTROLS. G.C. TO PATCH ROOF OPENING. MAINTAIN ALL ROOF WARRANTIES.
4. REMOVE EXISTING WALL MOUNTED INDOOR SPLIT UNIT AND ALL ASSOCIATED PIPING, WIRING, CONTROLS, AND SUPPORTS. SALVAGE UNITS AND TURN OVER TO OWNER. PATCH EXISTING CONSTRUCTION TO MATCH EXISTING.
5. REMOVE EXISTING WALL MOUNTED FAN IN ITS ENTIRETY.
6. REMOVE EXISTING FIN TUBE IN ITS ENTIRETY.
7. REMOVE EXISTING LOUVER COORDINATE FILLING LOUVER OPENING WITH G.C.
8. REMOVE EXISTING LOUVER. PREP FOR NEW WORK.



1 H101 **EXISTING CAFETERIA HVAC DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING. THIS DRAWING SHALL NOT BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CPL ARCHITECTURE ENGINEERING PLANNING. ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHT, ARE HEREBY RESERVED BY CPL ARCHITECTURE ENGINEERING PLANNING.

STATE OF NEW YORK
DAVID R. HART
LICENSED
No. 075790
PROFESSIONAL ENGINEER

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

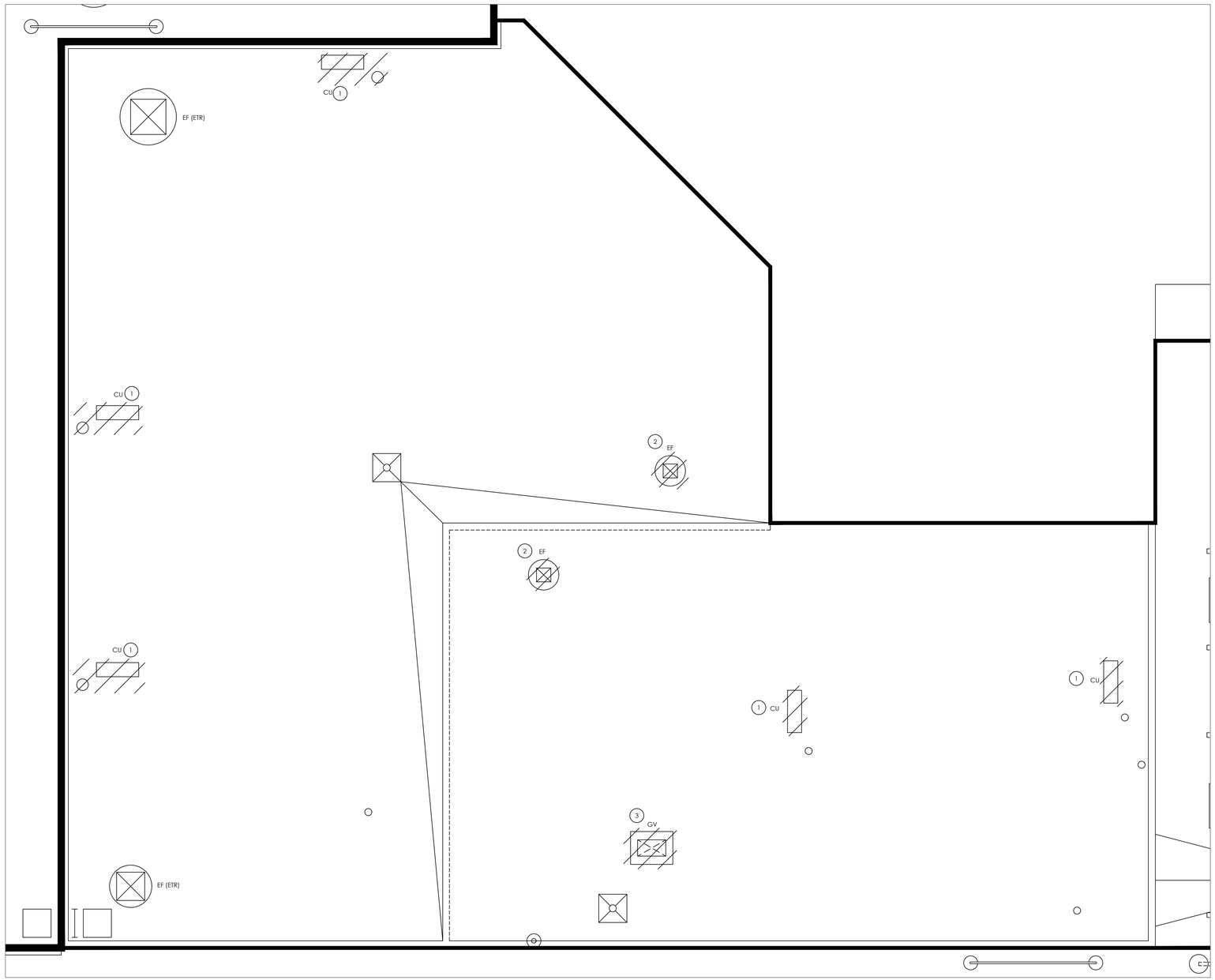
SCALE AS NOTED

SHEET TITLE
EXISTING CAFETERIA HVAC DEMOLITION FLOOR PLAN

PROJECT NUMBER
14426.04

EES
H101
DRAWING NUMBER

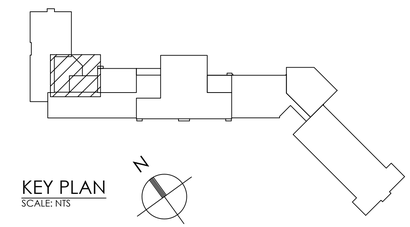
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, ENGINEER OR SURVEYOR SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



1 / H102 **CAFETERIA ROOF DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"

KEY NOTES:

1. REMOVE EXISTING CONDENSING UNIT IN ITS ENTIRETY INCLUDING ALL PIPING, WIRING, AND CONTROLS. COORDINATE PATCHING OF ROOF OPENING WITH GC MAINTAIN ALL ROOF WARRANTIES.
2. REMOVE EXISTING EXHAUST FAN IN ITS ENTIRETY INCLUDING ALL ASSOCIATED DUCTWORK, WIRING AND CONTROLS. COORDINATE PATCHING OF ROOF OPENING WITH GC MAINTAIN ALL ROOF WARRANTIES.
3. REMOVE EXISTING GRAVITY VENTILATOR IN ITS ENTIRETY INCLUDING ALL ASSOCIATED DUCTWORK. COORDINATE PATCHING OF ROOF OPENING WITH GC. MAINTAIN ALL ROOF WARRANTIES.



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

SCALE AS NOTED

SHEET TITLE
EXISTING CAFETERIA HVAC DEMOLITION ROOF PLAN

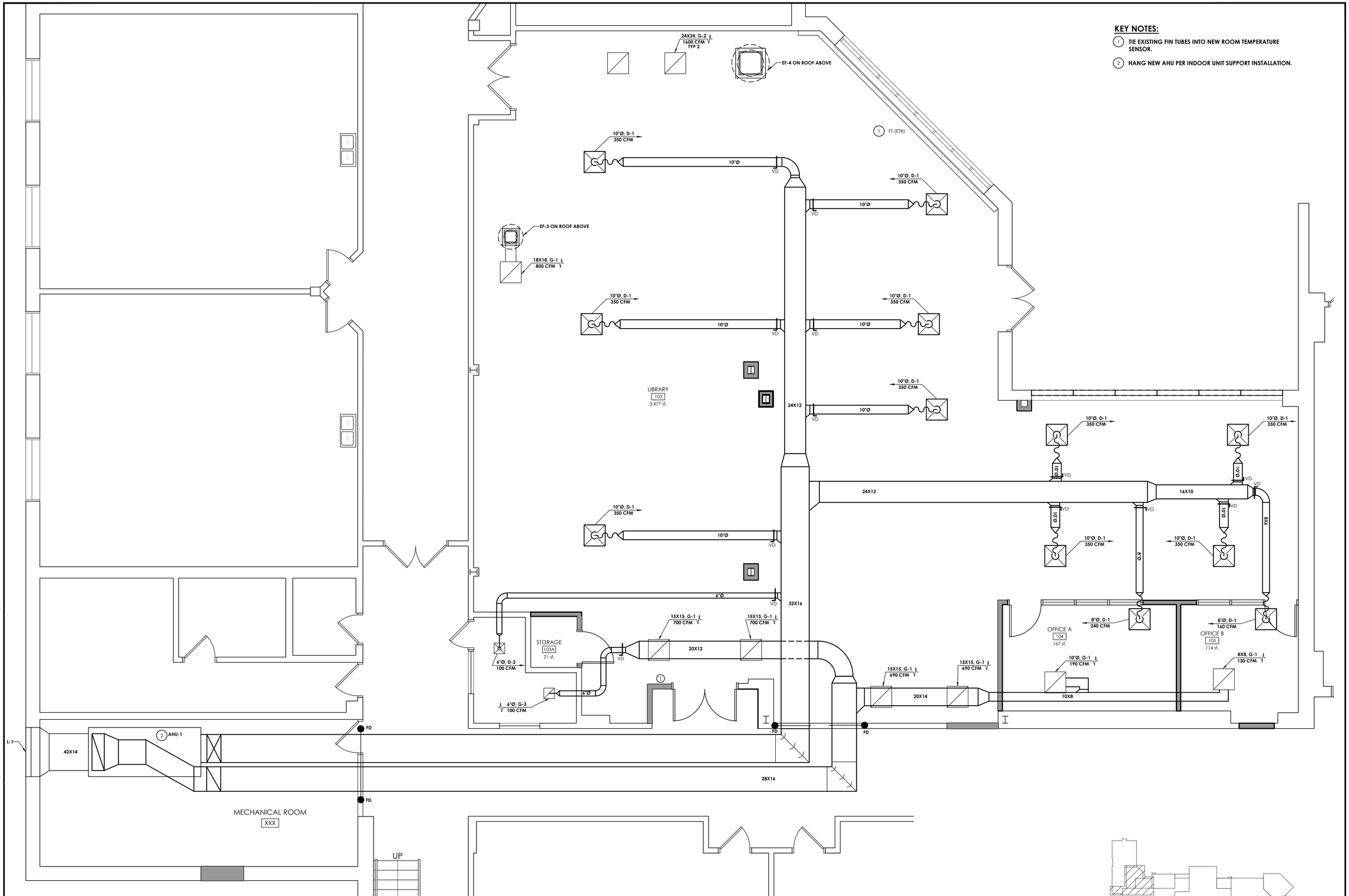
PROJECT NUMBER
14426.04

EES
H102
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\MECH\H1\Phase 1\EES H102.dwg
Date last accessed: 12/14/2021 8:55 AM
Date last plotted: 7/20/2022 3:39 PM
Plotted By: Mark Johnson

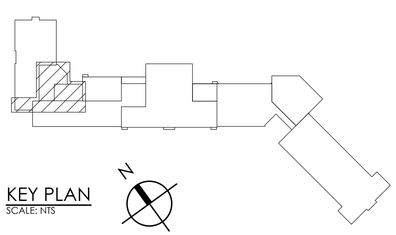
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\MECH\H2\Phase 1\EES H201.dwg
Date last accessed: 3/30/2021 2:56 PM
Date last plotted: 12/2/2021 4:19 PM
Plotted By: Brendon Mazza



KEY NOTES:

1. TIE EXISTING FIN TUBES INTO NEW ROOM TEMPERATURE SENSOR.
2. HANG NEW AHU PER INDOOR UNIT SUPPORT INSTALLATION.

1 / H201 **LIBRARY NEW WORK PLAN**
SCALE: 1/4" = 1'-0"



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

THIS PLAN IS AN INSTRUMENT OF SERVICE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING. IT IS NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CPL ARCHITECTURE ENGINEERING PLANNING. ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHT, ARE HEREBY RESERVED BY CPL ARCHITECTURE ENGINEERING PLANNING.

STATE OF NEW YORK
DAVID R. HART
LICENSED PROFESSIONAL ENGINEER
No. 075795

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

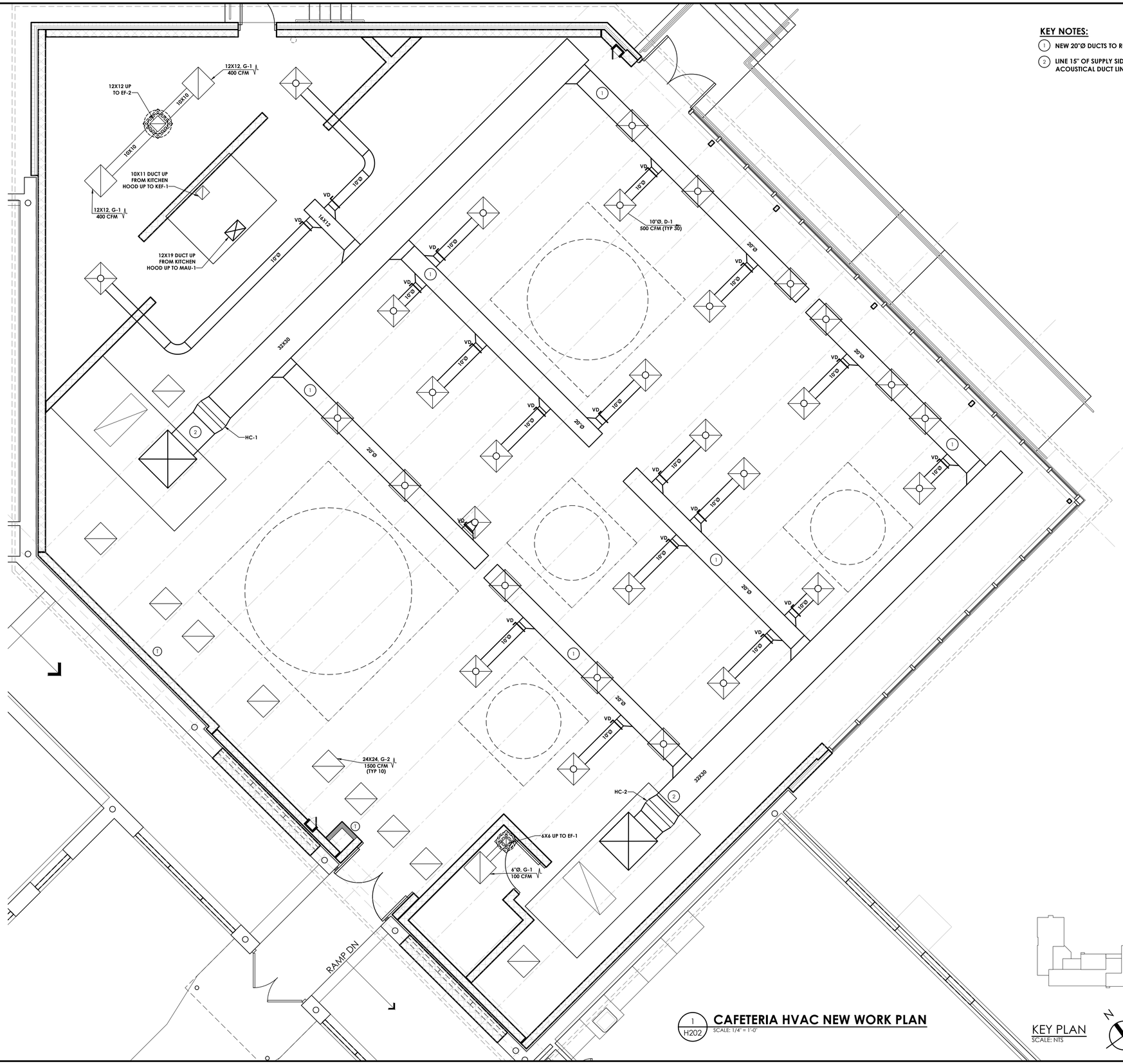
SCALE: AS NOTED

SHEET TITLE
LIBRARY NEW
DUCTWORK PLAN

PROJECT NUMBER
14426.04

EES
H201
DRAWING NUMBER

ANY REPRODUCTION OF THESE PLANS WITHOUT THE EXPRESS WRITTEN CONSENT OF CPL ARCHITECTURE ENGINEERING PLANNING IS PROHIBITED BY LAW AND ANY VIOLATION WILL BE SUBJECT TO LEGAL ACTION. ALL RIGHTS RESERVED. THE ALTERED OR UNAUTHORIZED USE OF THESE PLANS AND THE INFORMATION CONTAINED THEREIN SHALL ENTITLE CPL ARCHITECTURE ENGINEERING PLANNING TO SEEK DAMAGES FROM THE PERSON RESPONSIBLE FOR SUCH ALTERATION OR UNAUTHORIZED USE. IN ADDITION SUCH PERSON SHALL INDEMNIFY AND HOLD HARMLESS CPL ARCHITECTURE ENGINEERING PLANNING AGAINST ANY AND ALL DAMAGES, EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES AND COSTS, AND LIABILITIES ARISING OUT OF SUCH UNAUTHORIZED USE.



KEY NOTES:

1. NEW 20"Ø DUCTS TO RUN WITHIN NEW BAR JOISTS.
2. LINE 15" OF SUPPLY SIDE DUCTWORK FROM UNIT WITH ACOUSTICAL DUCT LINER. SEE DETAIL ON DRAWING H801.

1 H202 **CAFETERIA HVAC NEW WORK PLAN**
SCALE: 1/4" = 1'-0"

KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK · DAVID R. HART · No. 075785 · LICENSED PROFESSIONAL ENGINEER

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

SCALE AS NOTED

SHEET TITLE
CAFETERIA NEW
DUCTWORK PLAN

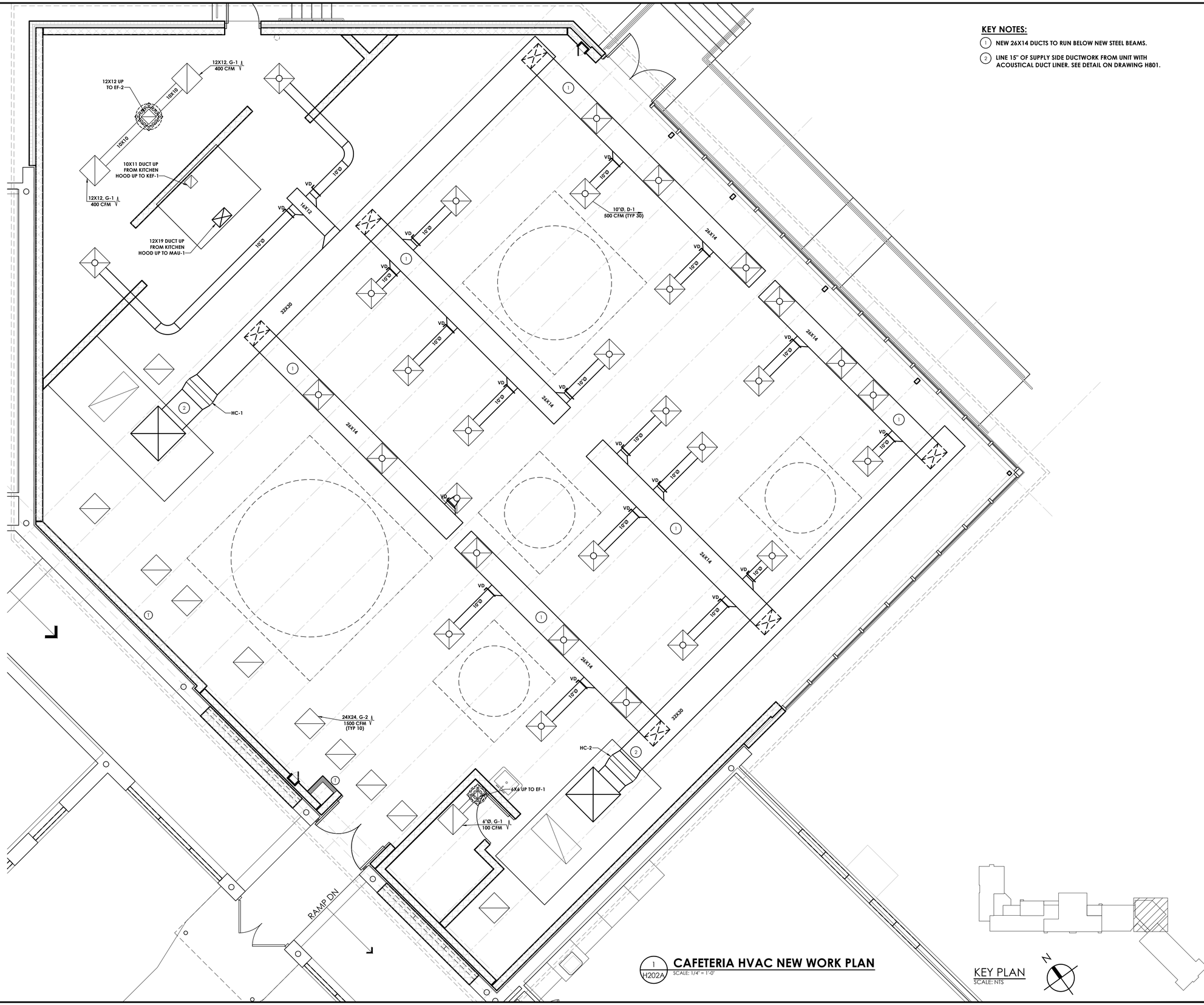
PROJECT NUMBER
14426.04

EES
H202
DRAWING NUMBER

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Re\D Design\06 CAD\AutoCAD\MECH\H2\Phase 1\EES H202.dwg
Date last accessed: 3/30/2021 2:56 PM
Date last plotted: 12/2/2021 4:19 PM
Plotted By: Brendon Mazza

© COPYRIGHT 2021 CPL ARCHITECTURE ENGINEERING PLANNING P.C. ALL RIGHTS RESERVED. THE ARCHITECTURAL WORKS AND ARCHITECTURAL DESIGNS EXHIBITED HEREIN ARE THE EXCLUSIVE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING P.C. AND MAY NOT BE USED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF CPL ARCHITECTURE ENGINEERING PLANNING P.C. ANY UNAUTHORIZED USE OF THESE PLANS AND SPECIFICATIONS IS STRICTLY PROHIBITED. THESE PLANS AND SPECIFICATIONS ARE NOT TO BE USED FOR ANY PROJECT OTHER THAN THE ONE FOR WHICH THEY WERE PREPARED AND DEVELOPED, AND ARE NOT TO BE LOANED, COPIED OR MADE AVAILABLE TO ANY PERSON OR ENTITY FOR USE ON ANY OTHER PROJECT. ANY REUSE OF THESE PLANS AND SPECIFICATIONS WITHOUT THE WRITTEN PERMISSION OF CPL ARCHITECTURE ENGINEERING PLANNING P.C. WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO CPL ARCHITECTURE ENGINEERING PLANNING P.C. AND THE USER SHALL INDEMNIFY AND HOLD HARMLESS CPL ARCHITECTURE ENGINEERING PLANNING P.C. FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM. ANY MODIFICATION OF THESE PLANS AND SPECIFICATIONS WITHOUT THE WRITTEN PERMISSION OF CPL ARCHITECTURE ENGINEERING PLANNING P.C. IS PROHIBITED BY LAW AND WILL BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\MECH\H2\Phase 2B Bldg Improvements\EES H202A.dwg
Date last accessed: 4/12/2022 10:55 AM
Date last plotted: 4/12/2022 10:57 AM
Plotted By: Brendon Mazza



KEY NOTES:

1. NEW 26X14 DUCTS TO RUN BELOW NEW STEEL BEAMS.
2. LINE 15" OF SUPPLY SIDE DUCTWORK FROM UNIT WITH ACOUSTICAL DUCT LINER. SEE DETAIL ON DRAWING H801.

1 H202A **CAFETERIA HVAC NEW WORK PLAN**
SCALE: 1/4" = 1'-0"

KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

SCALE: AS NOTED
SHEET TITLE: CAFETERIA NEW DUCTWORK PLAN

PROJECT NUMBER: 14426.04

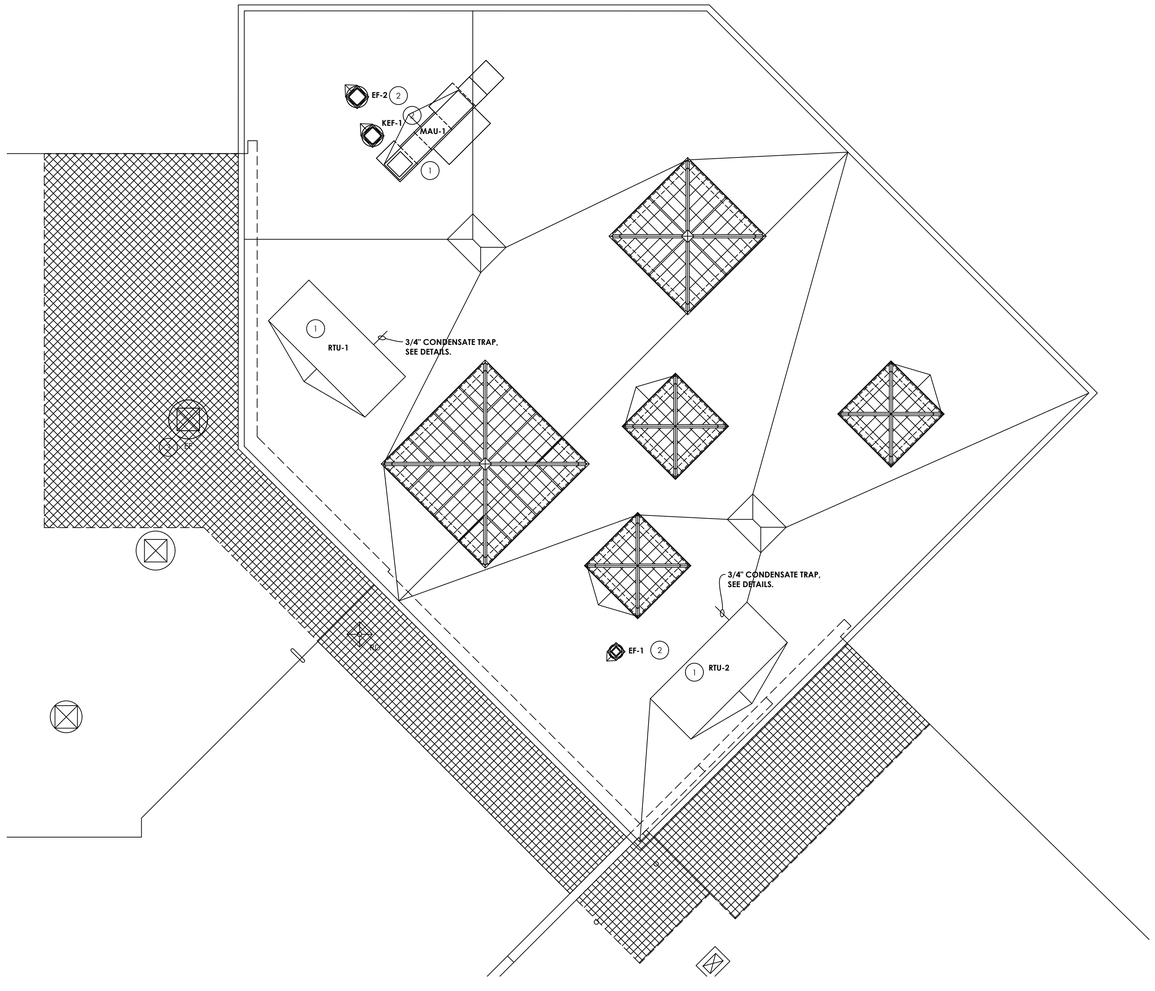
EES
H202A
DRAWING NUMBER

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS THEY ARE A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF ITEMS BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR ARE ALTERED, THE ALTERING ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS OR HER SEAL AND THE NOTATION "ALTERED" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

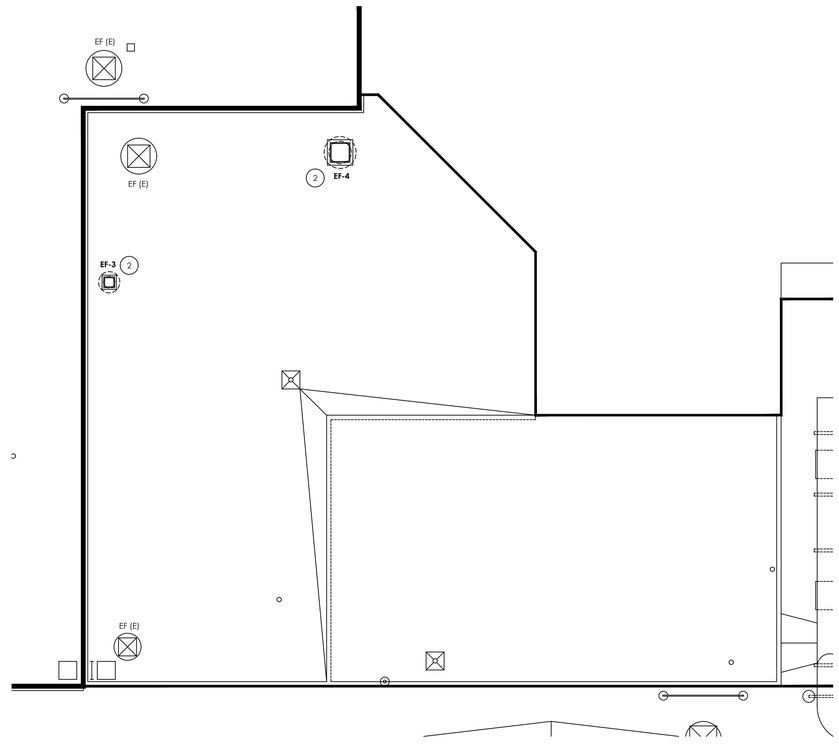
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\MECH\H2\Phase 1\EES H203.dwg
Date last accessed: 7/25/2022 10:36 AM
Date last plotted: 7/25/2022 10:38 AM
Plotted By: Mark Johnson

KEY NOTES:

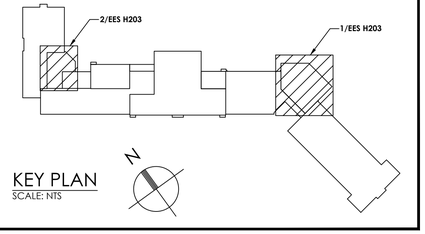
1. PROVIDE NEW ROOFTOP UNIT AND MANUFACTURER'S ROOF CURB. CURB TO BE INSTALLED BY G.C. MECHANICAL CONTRACTOR TO MARK OPENING AND CURB LOCATIONS.
2. PROVIDE NEW EXHAUST FAN AND CURB. CURB TO BE INSTALLED BY G.C. MECHANICAL CONTRACTOR TO MARK OPENING AND CURB LOCATIONS.
3. DISCONNECT EXISTING EXHAUST FAN (INCLUDING CONTROLS) AND REMOVE BOTH FAN AND CURB TO ACCOMMODATE NEW ROOF WORK. RECONNECT AND REINSTALL FAN, CONTROLS, AND CURB AFTER ROOF WORK. MODIFY EXISTING DUCTWORK AS REQUIRED TO ACCOMMODATE NEW ROOF FRAMING. COORDINATE WITH G.C.



1 H203 **CAFETERIA ROOF NEW WORK PLAN**
SCALE: 1/8" = 1'-0"



2 H203 **LIBRARY ROOF NEW WORK PLAN**
SCALE: 1/8" = 1'-0"



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

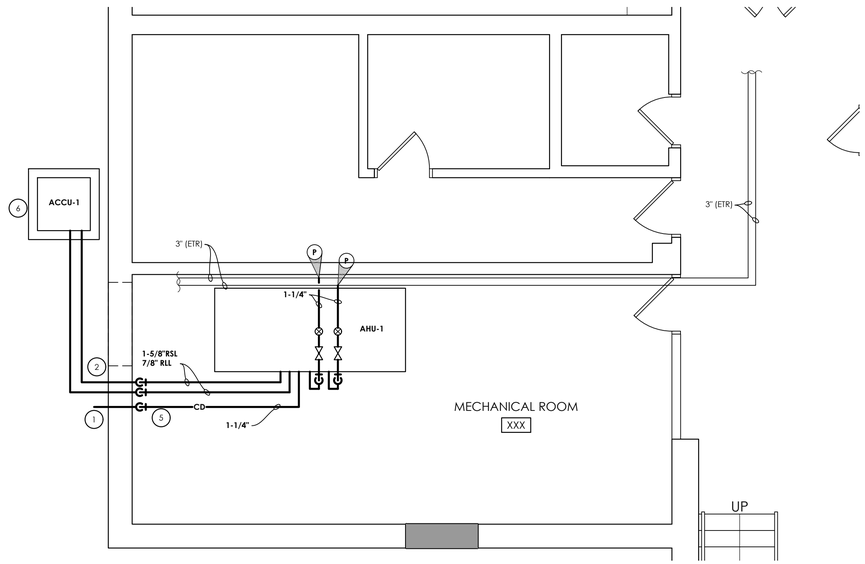
SCALE AS NOTED

SHEET TITLE
ROOF NEW WORK PLANS

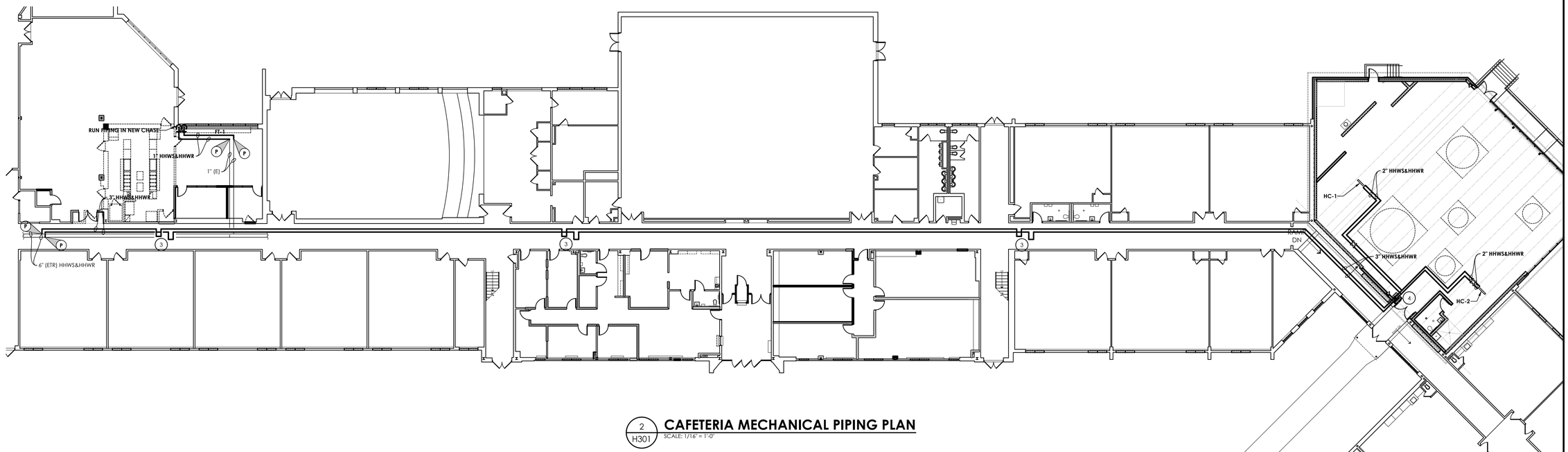
PROJECT NUMBER
14426.04

EES
H203
DRAWING NUMBER

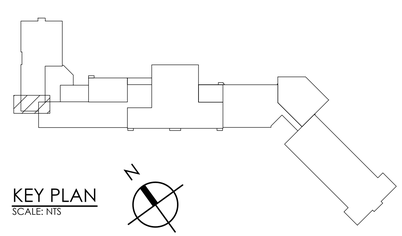
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145 COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR.



1 H301 **MECHANICAL ROOM PIPING PLAN**
SCALE: 1/4" = 1'-0"



2 H301 **CAFETERIA MECHANICAL PIPING PLAN**
SCALE: 1/16" = 1'-0"



KEY PLAN
SCALE: NTS

KEY NOTES:

1. RUN CONDENSATE LINE THROUGH SIDE WALL. TERMINATE 2 FEET FROM GROUND WITH SPLASH BLOCK.
2. RUN IN PIPE FORTRESS ON EXTERIOR OF BUILDING. RUN PIPING ALONG EXTERIOR WALL TO NEW ACCU-1. COORDINATE WITH LOCATION OF NEW LOUVER.
3. PROVIDE METRAFLEX MLS80300 EXPANSION LOOP IN PIPE TUNNEL.
4. RUN NEW PIPING THROUGH NEW CHASE UP TO CEILING SPACE.
5. MOUNT ALL PIPING AS HIGH AS POSSIBLE.
6. INSTALL NEW CONDENSING UNIT ON NEW CONCRETE PAD. COORDINATE WITH G.C.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

THIS SEAL AND THE DESIGN(S) ASSIGNED BY HEREON ARE PROPERTY OF C.P.L. AND SHALL NOT BE COPIED, USED OR REPRODUCED IN ANY FORM OR MANNER WHATSOEVER NOR ASSIGNED TO ANY THIRD PARTY WITHOUT THE EXPRESS WRITTEN PERMISSION OF C.P.L.

STATE OF NEW YORK
DAVID R. HART
No. 075798
LICENSED PROFESSIONAL ENGINEER

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

SCALE AS NOTED

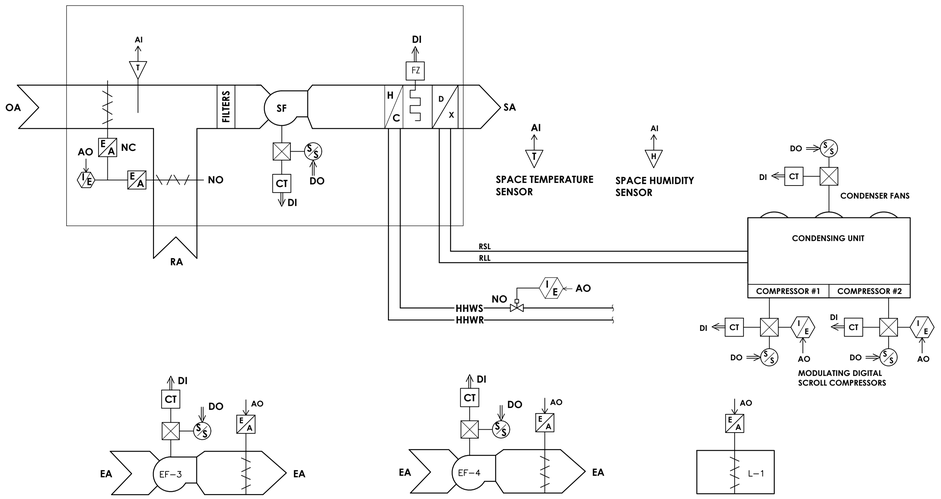
SHEET TITLE
MECHANICAL PIPING
NEW WORK PLANS

PROJECT NUMBER
14426.04

EES
H301
DRAWING NUMBER

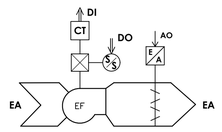
THE ACCEPTANCE OF THESE PLANS BY THE EDUCATION DEPARTMENT DOES NOT CONSTITUTE OR IMPLY APPROVAL OF THE COMPLIANCE REGARDING ANY OTHER APPLICABLE LAWS, CODES OR REGULATIONS. THE ACCEPTANCE OF THESE PLANS BY THE EDUCATION DEPARTMENT DOES NOT CONSTITUTE OR IMPLY APPROVAL OF THE COMPLIANCE REGARDING ANY OTHER APPLICABLE LAWS, CODES OR REGULATIONS. THE ACCEPTANCE OF THESE PLANS BY THE EDUCATION DEPARTMENT DOES NOT CONSTITUTE OR IMPLY APPROVAL OF THE COMPLIANCE REGARDING ANY OTHER APPLICABLE LAWS, CODES OR REGULATIONS.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\MECH\H3\Phase 1\EES H301.dwg Date last accessed: 3/30/2021 3:03 PM Date last plotted: 12/2/2021 4:20 PM Plotted By: Brendon Mazza



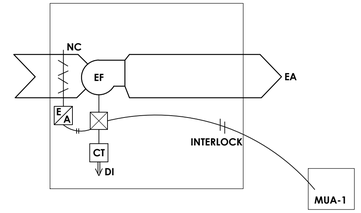
1 H500 **AHU-1, EF-3,4, L-1 CONTROLS DIAGRAM**

SCALE: NOT TO SCALE



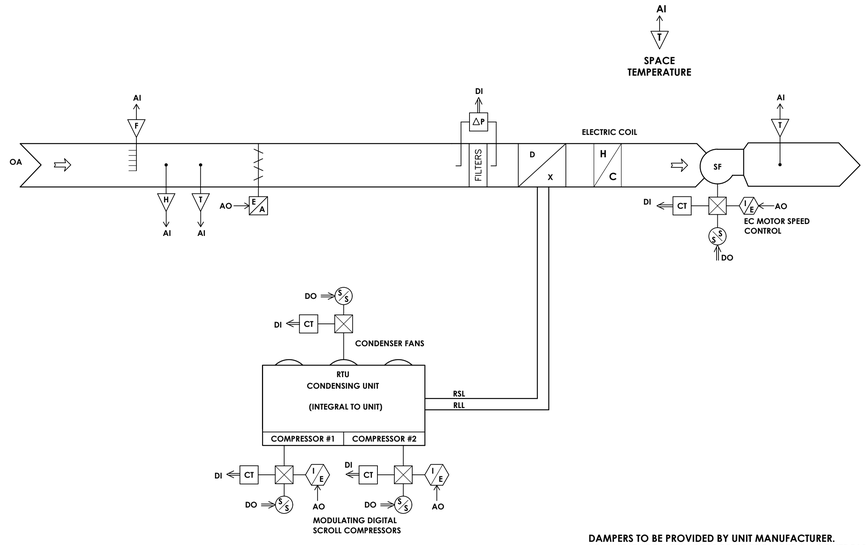
2 H500 **EXHAUST FAN EF-1,2 CONTROLS DIAGRAM**

NOT TO SCALE



3 H500 **KITCHEN KEF-1 CONTROLS DIAGRAM**

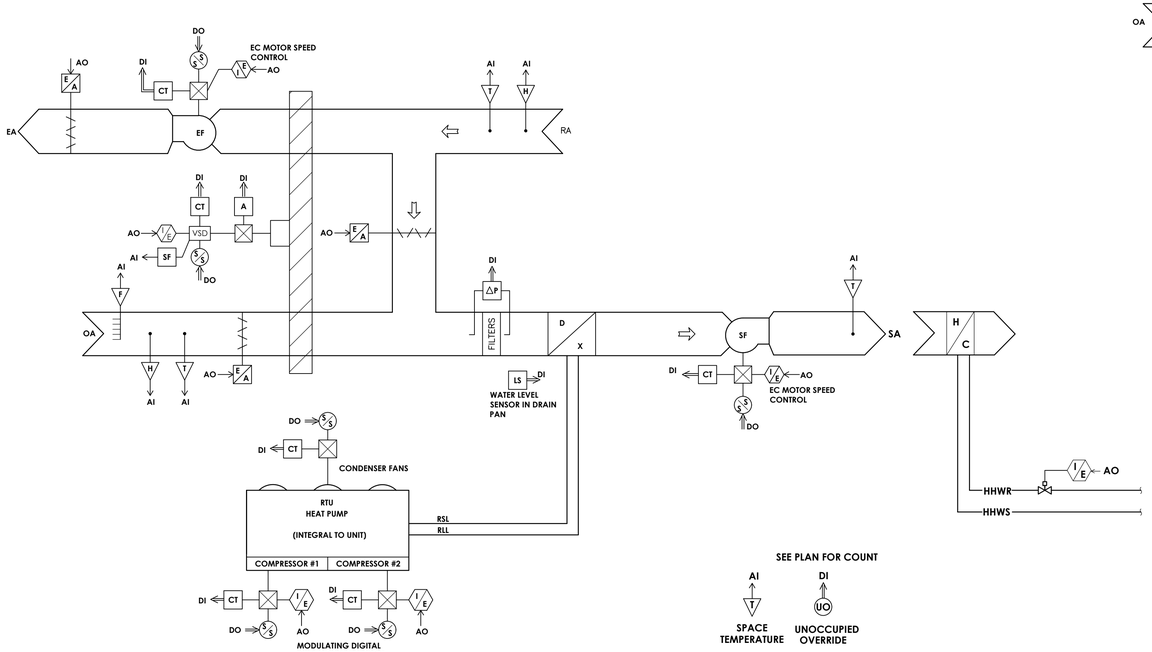
SCALE: NOT TO SCALE



DAMPERS TO BE PROVIDED BY UNIT MANUFACTURER.
LOW VOLTAGE ACTUATORS TO BE PROVIDED BY CONTROLS VENDOR.

5 H500 **MAKEUP AIR UNIT MAU-1 CONTROLS DIAGRAM**

SCALE: NOT TO SCALE



SEE PLAN FOR COUNT

AI — SPACE TEMPERATURE

DI — UNOCCUPIED OVERRIDE

4 H500 **CAFETERIA RTU-1,2 CONTROLS DIAGRAM**

SCALE: NOT TO SCALE

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

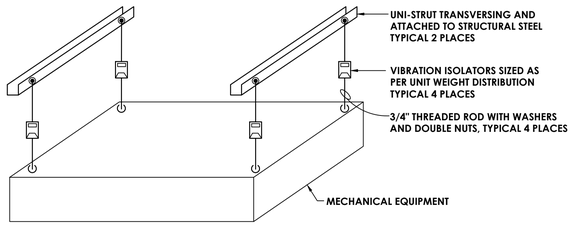
SCALE AS NOTED

SHEET TITLE
MECHANICAL CONTROLS DETAILS

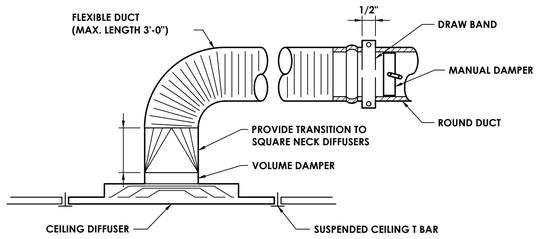
PROJECT NUMBER
14426.04

EES
H500
DRAWING NUMBER

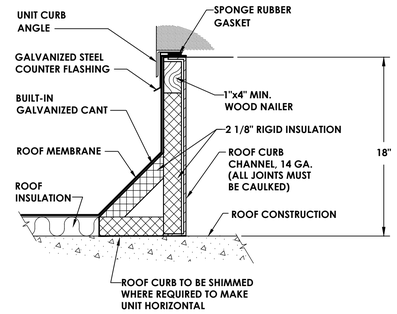
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\MECH\H5\Phase 1\EES H500.dwg
Date last accessed: 3/30/2021 3:03 PM
Date last plotted: 12/2/2021 4:21 PM
Plotted By: Brendon Mazza
THE REPRODUCTION, ALTERATION OR COPYING OF THESE DRAWINGS AND SPECIFICATIONS WITHOUT THE WRITTEN PERMISSION OF CPL ARCHITECTURE ENGINEERING PLANNING IS STRICTLY PROHIBITED AND ANYONE DOING SO WILL BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW. ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THE VISUAL CONTRACT BETWEEN CPL ARCHITECTURE ENGINEERING PLANNING AND THE OWNER OR ANY OTHER PERSON OR ENTITY IS EXPRESSLY LIMITED TO THE ORIGINAL PROJECT AND SHALL NOT BE CONSTRUED TO GIVE ANY RIGHTS OR BENEFITS TO ANYONE OTHER THAN THE OWNER. ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHT, ARE HEREBY EXPRESSLY RESERVED BY CPL ARCHITECTURE ENGINEERING PLANNING.



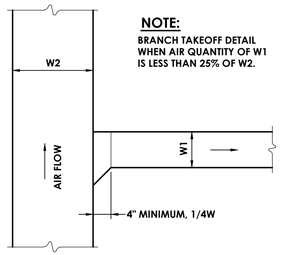
1 H800 **INDOOR UNIT SUPPORT INSTALLATION DETAIL**
NOT TO SCALE



2 H800 **DIFFUSER DETAIL**
NOT TO SCALE

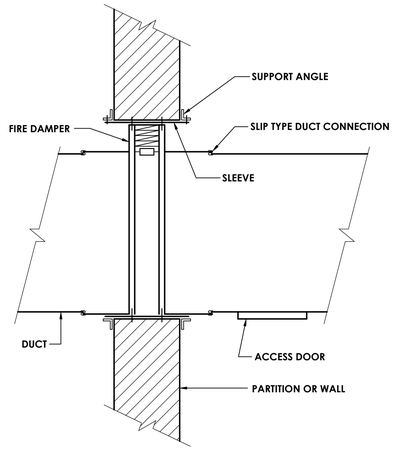


3 H800 **ROOF CURB DETAIL**
NOT TO SCALE

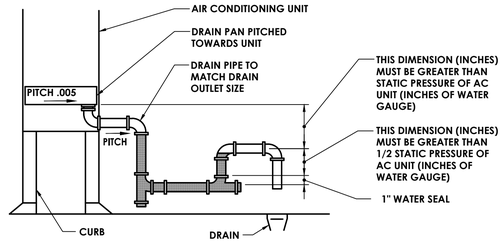


NOTE:
BRANCH TAKEOFF DETAIL WHEN AIR QUANTITY OF W1 IS LESS THAN 25% OF W2.

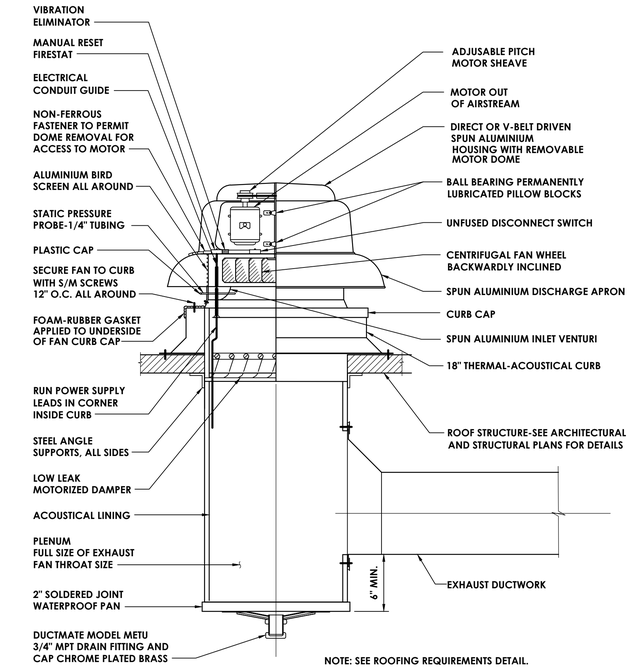
4 H800 **BRANCH TAKE-OFF DETAIL**
NOT TO SCALE



5 H800 **VERTICAL FIRE DAMPER DETAIL**
NOT TO SCALE

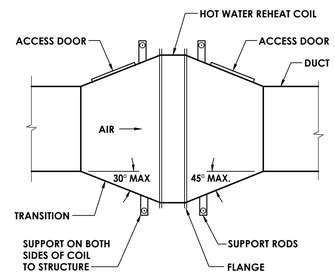


6 H800 **AHU CONDENSATE TRAP DETAIL**
NOT TO SCALE



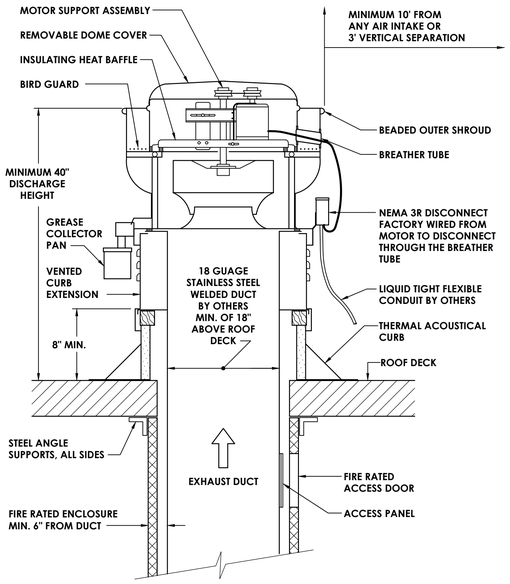
NOTE: SEE ROOFING REQUIREMENTS DETAIL.

7 H800 **EXHAUST FAN DETAIL**
NOT TO SCALE



NOTE:
SUPPORT DUCTWORK INDEPENDENTLY OF THE COIL.

8 H800 **REHEAT COIL DETAIL**
NOT TO SCALE



NOTE: PROVIDE HINGE AND SAFETY CABLE FOR ACCESS TO WHEEL AND DUCTWORK. COMPLY WITH NFPA 96, FAN LISTED UNDER WL STD 762 (400°). PROVIDE FIRESTAT FAN TO BE SPARK RESISTANT CONSTRUCTION, AWCA "C".

9 H800 **UP-BLAST EXHAUST FAN DETAIL - GREASE DUCT**
NOT TO SCALE

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK — DAVID R. HART — No. 075790 — LICENSED PROFESSIONAL ENGINEER

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

SCALE AS NOTED

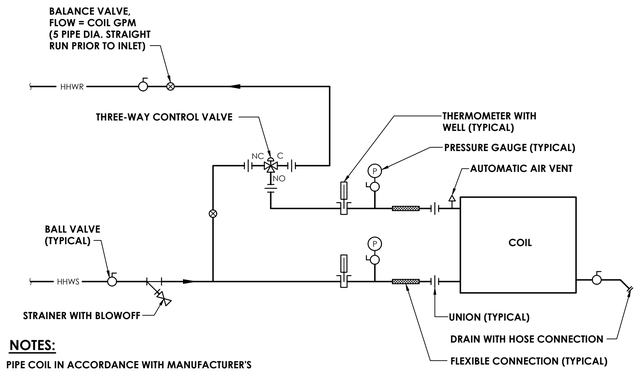
SHEET TITLE
HVAC DETAILS

PROJECT NUMBER
14426.04

EES
H800
DRAWING NUMBER

THE ARCHITECT'S DRAWINGS AND SPECIFICATIONS AS INSTRUMENTS OF SERVICE ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THEY ARE NOT TO BE USED BY THE OWNER OR OTHERS ON EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT WITHOUT THE WRITTEN AGREEMENT OF THE ARCHITECT. ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHT, ARE HEREBY RESERVED BY THE ARCHITECT. © COPYRIGHT 2021

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Re\D Design\06 CAD\AutoCAD\MECH\H8\Phase 1\EES H800.dwg
Date last accessed: 3/30/2021 3:03 PM
Date last plotted: 12/2/2021 4:21 PM
Plotted By: Brendon Mazza

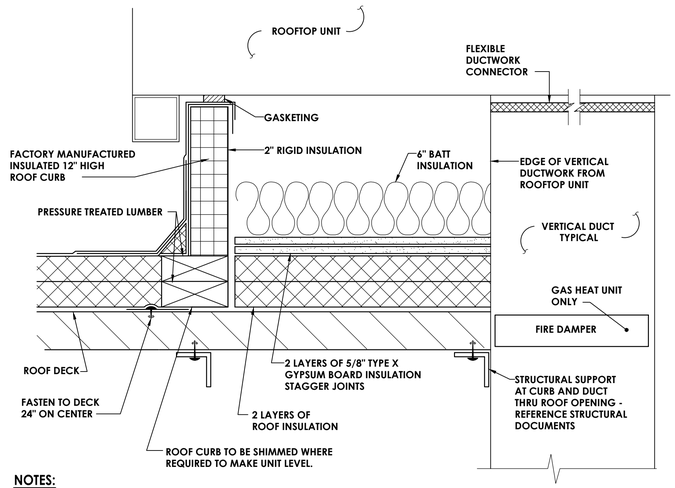


NOTES:

PIPE COIL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PIPING ARRANGEMENT SHALL ALLOW FOR REMOVAL OF COIL WITHOUT REMOVAL OF PIPING BEYOND UNIONS.

1 / H801 **DUCTWORK COIL PIPING SCHEMATIC**

NOT TO SCALE



NOTES:

1) ALL ROOF TOP HVAC UNITS REQUIRED TO HAVE CURB AND CURB INTERIOR AS SHOWN.

2 / H801 **ROOFTOP UNIT - ROOF CURB DETAIL**

NOT TO SCALE

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK
DAVID R. HART
No. 075795
LICENSED PROFESSIONAL ENGINEER

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

SCALE AS NOTED

SHEET TITLE
HVAC DETAILS

PROJECT NUMBER
14426.04

EES
H801
DRAWING NUMBER

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145 COMMISSIONERS REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, ENGINEER OR SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\MECH\HB\Phase 1\EES H800.dwg
Date last accessed: 3/30/2021 3:03 PM
Date last plotted: 12/2/2021 4:22 PM
Plotted By: Brendon Mazza

AIR HANDLING UNIT SCHEDULE

MARK	LOCATION	NOM. TONS	FANS									DX COIL										ELECTRICAL DATA		ENERGY RECOVERY WHEEL								REHEAT COIL		UNIT WEIGHT (LBS)	TYPICAL UNIT MFG & MODEL NO.	REMARKS
			SUPPLY FAN					EXHAUST FAN				COOLING						HEATING						SUMMER				WINTER								
			CFM	OA CFM	ESP (IN. W.C.)	FAN RPM	BHP / HP	CFM	OA CFM	ESP (IN. W.C.)	FAN RPM	BHP / HP	TOTAL MBH	SENS MBH	EAT°F		LAT°F		AMB °F	TOTAL MBH	EAT°F	LAT°F	AMB °F	VOLT/Ø	MCA	OA (DB/WB)	RA (DW/WB)	EA (DB/WB)	SA (DB/WB)	OA (DB/WB)	RA (DW/WB)	EA (DB/WB)	SA (DB/WB)	MBH	LAT (DB/WB)			
															DB	WB	DB	WB			DB	DB															
RTU-1	CAFETERIA ROOF	16	7500	2150	1.5	1510	6.26/7.5	7500	1700	1.5	1619	3.77/7.5	241.6	201.6	77.3	63.6	52.7	52.6	95	161	60.5	80.1	2	208/3	121.2	94/73	75/62.5	83/66.3	77.3/63.6	2/1	68/51.5	41.8/37.3	60.5/47.8	140.7	70	4153	DAIKIN DPS020A	1,2
RTU-2	CAFETERIA ROOF	16	7500	2150	1.5	1510	6.26/7.5	7500	1700	1.5	1619	3.77/7.5	241.6	201.6	77.3	63.6	52.7	52.6	95	161	60.5	80.1	2	208/3	121.2	94/73	75/62.5	83/66.3	77.3/63.6	2/1	68/51.5	41.8/37.3	60.5/47.8	140.7	70	4153	DAIKIN DPS020A	1,2
REMARKS:	1. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH																																			
	2. INSTALL HOT GAS REHEAT LINE PER MANUFACTURER'S RECOMMENDATIONS																																			
	3. PROVIDE BACNET CONTROLLER AND CONNECT TO EXISTING BMS																																			

AIR HANDLING UNIT SCHEDULE

MARK	LOCATION	NOM. TONS	SUPPLY FAN						COOLING COIL							HOT WATER COIL						ELECTRICAL DATA	UNIT WEIGHT (LBS)	TYPICAL UNIT MFG & MODEL NO.	REMARKS
			CFM	OA CFM	ESP (IN. W.C.)	TSP (IN W.C.)	FAN RPM	BHP / HP	TOTAL MBH	SENS MBH	EAT°F		LAT°F		AMB °F	TOTAL MBH	GPM	EAT°F	LAT°F	EWT°F	LWT°F	VOLT/Ø			
											DB	WB	DB	WB				DB	DB						
AHU-1	MECHANICAL ROOM	10	4000	800	1	2.89	3650	2.98/5	139	99	78	65	55.3	53.4	92	74.5	7	63	80	180	158.7	200/3	1552	DAIKIN CAH009GDGM	1
REMARKS:	1. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH																								
	2. PROVIDE BACNET CONTROLLER AND CONNECT TO EXISTING BMS																								

MAKE UP AIR UNIT SCHEDULE

MARK	NOM. CFM	FAN DATA				ELECTRICAL DATA			HEATING DATA					COOLING (DX)					WT (LBS)	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
		NOM. RPM	EXT SP (IN. WC)	TOTAL SP (IN. WC)	HP	VOLT	PHASE	HZ	TEMP (°F)		COIL TYPE	TEMP RISE (°F)	CAPACITY (KW)	TEMP (°F)		CAPACITY (MBH)		EER			
									ENT	LVG				ENT DB/WB)	LVG (DB/WB)	TOTAL	SENSIBLE				
MUA-1	1136	2203	0.5	0.739	0.5	208	3	60	-2	66.1	ELECTRIC	68.1	24.5	88.3/74.2	62.9/60	57.8	31.8	13.3	2072	GREENHECK MSX-P109-H12-MF-5	1, 2
REMARKS:	1. PROVIDE FACTORY MOUNTED DISCONNECT.																				
	2. PROVIDE MAGNETIC STARTER FOR FANS																				

FIN TUBE SCHEDULE

MARK	FIN SIZE (W X H)	FINS PER FT.	FIN TYPE	TIERS	FIN LENGTH (FT)	HOT WATER				ENCLOSURE				TYPICAL UNIT MFG & MODEL NO.	REMARKS
						FLOW (GPM)	BTUH	EWT (F°)	LWT (F°)	HEIGHT (IN.)	DEPTH (IN.)	MOUNT HEIGHT (IN.)	STYLE		
ME-FT-1	3-5/8X4-1/4	32	CU/AL	1	20	0.5	16200	180	160	14	5 5/16	4	SLOPE OUTLET	STERLING JVB-ARS14 C3/4-433	1, 2
REMARKS:	1. PROVIDE ACCESS DOOR IN ENCLOSURE AS NECESSARY FOR ACCESS TO SHUTOFF VALVE, CONTROL VALVE, AND ACCESSORIES.														
	2. ENCLOSURE COLOR TO BE SELECTED BY ARCHITECT.														

OUTSIDE AIR CALCULATIONS

Space	Occupancy Classification	TOTAL SQ. FT.	Occupant Density #/1000sq.ft.	TOTAL OCCUPANCY FOR VENTILATION	O.A. PER PERSON (CFM)	O.A. PER SQ. FT. (CFM)	Vbz (CFM)	Ez	Voz=Vot (CFM)	Required Exhaust
LIBARAY 307	LIBRARY	3500	10	35	5	0.12	595	0.8	744	
LIBRARY OFFICE	OFFICE SPACE	120	5	3	5	0.06	22	0.8	28	
LIBRARY READING ROOM	CONFERENCE ROOM	170	50	9	5	0.06	55	0.8	69	
CAFETERIA	CAFETERIA, FAST FOOD	4000	100	400	7.5	0.18	3720	0.8	4650	
KITCHEN	KITCHEN	1075								4652.5

FAN SCHEDULE

MARK	LOCATION	SERVICE	TYPE	ROOF OPENING (IN.)	CFM	SP IN W.G.	DIAMETER (IN.)	RPM	ELECTRICAL DATA			TYPICAL UNIT MFG & MODEL NO.	REMARKS:
									BHP / HP	VOLTS	PHASE		
KEF-1	CAFETERIA ROOF	KITCHEN HOOD	UPBLAST	18.5X18.5	1418	1.25	29	1416	.54/.75	208	1	GREENHECK CUE-141-VG	1, 3, 4
EF-1	CAFETERIA ROOF	CAFETERIA BATHROOM	DOWNBLAST	10.5X10.5	100	0.25	20	1175	.01/.06	115	1	GREENHECK CUE-070-VG	1, 2
EF-2	CAFETERIA ROOF	KITCHEN	UPBLAST	18.5X18.5	800	0.35	29	783	.09/.25	115	1	GREENHECK CUE-141-VG	1, 3
EF-3	LIBRARY ROOF	LIBRARY	DOWNBLAST	14.5X14.5	800	0.3	28	826	.06/.25	115	1	GREENHECK G-133-VG	1,2
EF-4	LIBRARY ROOF	LIBRARY	DOWNBLAST	26.5X26.5	3200	0.4	43	565	.43/.5	115	1	GREENHECK GB-220	1,2
REMARKS:	1. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH												
	2. PROVIDE BACKDRAFT DAMPER												
	3. PROVIDE GREASE TRAP												
	4. PROVIDE MAGNETIC STARTER												

AIR COOLED CONDENSER UNIT SCHEDULE

MARK	LOCATION	REFRIGERANT	SERVES	NOMINAL TONS	REFRIGERANT CIRCUITS	SST °F	ELECTRICAL DATA			OPERATING WEIGHT (LBS.)	EER	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
							COMPRESSOR QTY	VOLT/Ø	MCA				
ACCU-1	OUTSIDE MECHANICAL ROOM	R-410A	AHU-1	10	1	44	2	208/3	46.4	345	11.2	DAIKIN DX11TA1203	*
REMARKS:	1.												

HOT WATER COIL SCHEDULE

MARK	SERVICE	AIR DATA					WATER DATA				MFG SIZE HxL (IN.)	ROWS	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
		CFM	TEMP (°F)		MAX APD (IN. WC)	MIN. MBH	CFM	TEMP (°F)		MAX APD (IN. WC)				
			ENT	LVG				ENT	LVG					
HC-1	RTU-1	7500	48	89.1	0.51	337.2	7500	180	160.4	2.9	42X36	2	DAIKIN 5WH1002A	
HC-2	RTU-2	7500	48	89.1	0.51	337.2	7500	180	160.4	2.9	42X36	2	DAIKIN 5WH1002A	
REMARKS:	1.													

LOUVER SCHEDULE

MARK	LOCATION	SERVICE	FREE AREA (SQ. FT.)	CFM	SP (IN. WG)	SIZE W&H (IN.)	TYPICAL UNIT MFG. & MODEL NO.	REMARKS:
L-1	MECHANICAL ROOM WALL	AHU-1	6.4	4000	0.05	56X36	GREENHECK EAC-601	
REMARKS:	1.							

REGISTERS, GRILLES, AND DIFFUSERS

MARK	APPLICATION	MATERIAL	TYPE	FINISH	SIZE	DESIGN EQUIP.	REMARKS
D-1	SUPPLY	STEEL	LAY IN	WHITE	24X24	PRICE SCD	
D-2	SUPPLY	STEEL	LAY IN	WHITE	12X12	PRICE SCD	
G-1	RETURN/EA	STEEL	LAY IN	WHITE	24X24	PRICE PDDR	
G-2	RETURN/EA	STEEL	LAY IN	WHITE	24X24	PRICE PFRF	
G-3	RETURN/EA	STEEL	LAY IN	WHITE	12X12	PRICE PDDR	
REMARKS:	1.						

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

THIS DRAWING AND THE DESIGN CONCEPTS EMBODIED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING AND SHALL NOT BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CPL ARCHITECTURE ENGINEERING PLANNING. VISUAL CONTACT WITH THESE PLANS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

STATE OF NEW YORK
DAVID R. HART
No. 075790
LICENSED PROFESSIONAL ENGINEER

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES; SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

SCALE AS NOTED

SHEET TITLE
HVAC SCHEDULES

PROJECT NUMBER
14426.04

EES
H900
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Plotted By: Brendon Mazza
Date last plotted: 3/22/2022 11:07 AM
Date last accessed: 3/22/2022 11:07 AM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\MECH\H9\Phase 1\EES H900.dwg

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ELEC\ED\Phase 1\EES-E000.dwg
Date last accessed: 1/29/2021 8:21 AM
Date last plotted: 3/30/2021 2:46 PM
Plotted By: Jeffery Teeter

WIRING LEGEND:

- S. SWITCH
  - (NONE) SINGLE POLE TOGGLE SWITCH
  - 2 TWO POLE TOGGLE SWITCH
  - 3 THREE WAY TOGGLE SWITCH
  - 4 FOUR WAY TOGGLE SWITCH
  - WP SINGLE POLE WEATHER PROOF SWITCH
  - K SINGLE POLE KEYED SWITCH
  - K2 TWO POLE KEYED SWITCH
  - K3 THREE WAY KEYED SWITCH
  - K4 FOUR WAY KEYED SWITCH
  - P SINGLE POLE SWITCH WITH PILOT LIGHT
  - TM SINGLE POLE SWITCH WITH ONE HOUR TIMER
  - T THERMAL SWITCH
  - TP THERMAL SWITCH WITH PILOT LIGHT
  - M MOMENTARY CONTACT SWITCH
- S_{II} ROMAN NUMERAL DESIGNATES NUMBER OF SWITCHES
- S_{a} LOWER CASE LETTER DESIGNATES SWITCH LEG
- SINGLE RECEPTACLE
- PLUG MOLD
- DUPLEX RECEPTACLE
- QUADRAPLEX RECEPTACLE
- SPECIAL RECEPTACLE
  - GFI GROUND FAULT CIRCUIT INTERRUPTER
  - WP WEATHER PROOF IN-USE COVER
  - SS SURGE SUPPRESSION
  - C COUNTER HEIGHT
  - TR TAMPER RESISTANT, UL LISTED
  - IG ISOLATED GROUND
  - RT RAIN TITE
  - E EMERGENCY
  - X TYPE X (SEE RECEPTACLE SCHEDULE)
- PP POWER POLE
- RECESSED FLOOR MOUNTED DUPLEX RECEPTACLE
- SURFACE MOUNTED FLOOR RECEPTACLE
- CEILING MOUNTED DUPLEX RECEPTACLE
- C CONDUIT
- W EXPOSED LOW VOLTAGE WIRING
- HORIZONTAL NON-METALLIC WIREWAY WITH DATA JACK OUTLETS AND ISOLATED GROUND TYPE DUPLEX RECEPTACLES
- VERTICAL NON-METALLIC WIREWAY WITH DATA JACK OUTLETS AND ISOLATED GROUND TYPE DUPLEX RECEPTACLES
- WM WIRE MOLD
- J JUNCTION BOX
  - F FIRE SYSTEM
  - S SECURITY SYSTEM
- DISCONNECT SWITCH
- $_{WP}$ DISCONNECT SWITCH - WEATHER PROOF (NEMA 3R)
- F FUSED DISCONNECT SWITCH
- F COMBINATION FUSED DISCONNECT/ MAGNETIC STARTER SWITCH
  - HOA HAND/OFF/AUTO
  - SS START/STOP
- M MANUAL STARTER
- VSD COMBINATION VARIABLE SPEED DRIVE AND DISCONNECT
- VSD VARIABLE SPEED DRIVE
- ST/SP PUSHBUTTON - START, STOP
- ST/SP/PL PUSHBUTTON - START, STOP, WITH PILOT LIGHT
- UP/DN/SP PUSHBUTTON - UP, DOWN, STOP
- EF-1 MOTOR WITH DESIGNATOR
- TC TIME CLOCK
- WH WATER HEATER
- HD HAND DRYER, HARD WIRED
- T THERMOSTAT
- HVP1-6 BRANCH CIRCUIT HOME RUN WITH PANEL NAME AND CIRCUIT NUMBER, QUANTITY OF ARROWHEADS DENOTES QUANTITY OF BRANCH CIRCUITS
  - GFI BKR. GFI TYPE BREAKER
  - A.F. BKR. ARC FAULT BREAKER
- BRANCH CIRCUIT WIRING, PROVIDE QUANTITIES OF CONDUCTORS REQUIRED FOR CIRCUITING AND SWITCHING AS INDICATED
- POWER LEG ONLY (NO SWITCH LEG BETWEEN ROOMS)
- HARDWIRE CONNECTION
- CONDUIT RISER UP
- CONDUIT RISER DOWN
- T TRANSFORMER
- T $_{K}$ TYPE "K" TRANSFORMER
- MUSHROOM HEAD PUSH BUTTON (EMERGENCY STOP)
- EMERGENCY BREAK GLASS STATION
- GROUNDING ROD

SINGLE LINE DIAGRAM LEGEND:

- EARTH GROUND
- CHASSIS GROUND
- 45 KVA 480-208/120V K-13 TRANSFORMER - KVA, PRIMARY AND SECONDARY VOLTAGE INDICATED. CONNECTIONS, K-RATING, AND SHIELD SPECIFIED
- CURRENT TRANSFORMER
- POTENTIAL TRANSFORMER
- FUSE
- DISCONNECT/LOADBREAK SWITCH
- CIRCUIT BREAKER
- CIRCUIT BREAKER DRAWOUT MOUNTED (LOW VOLTAGE)
- AUTOMATIC TRANSFER SWITCH (NORMAL POSITION SHOWN)
- M METER
- ENCLOSED CIRCUIT BREAKER
- LIGHTNING ARRESTER
- FUSED DISCONNECT SWITCH
- PANEL 208-120V 225A PANELBOARD- RATINGS AS SPECIFIED IN SINGLE LINE DIAGRAM AND ON PANELBOARD SCHEDULE

COMMUNICATIONS LEGEND:

- TELEPHONE (1) CAT3 - TELEPHONE JACK & CABLE
  - (NONE) STANDARD MODULAR JACK FOR TELEPHONE
  - W WALL MOUNTED TELEPHONE MODULAR JACK
  - P PUBLIC TELEPHONE MODULAR JACK
  - C COUNTER HEIGHT MODULAR JACK
- TELEPHONE FLOOR OUTLET (1) CAT3 - TELEPHONE JACK & CABLE
- DATA OUTLET WITH FLUSH BOX AND FACEPLATE (1) CAT6 - DATA JACK & CABLE
- COMPUTER FLOOR OUTLET (1) CAT6 - DATA JACK & CABLE
- COMBINATION TELEPHONE CABLE AND DATA OUTLETS IN DOUBLE GANG FLUSH MOUNTED BOX WITH FACEPLATE
- WT WIRELESS TRANSMITTER (PROVIDED BY OWNER) CONTRACTOR TO PROVIDE (2) CAT6 DATA JACKS & CABLING
- T/D BACK BOX FOR OWNER PROVIDED TEL/COM WIRING & DEVICES
- DATA RACK
- TV COAX CABLE (TYPE F CONNECTOR)
- P CEILING MOUNT LCD PROJECTOR
- SPEAKER (PUBLIC ADDRESS)
  - (NONE) CEILING MOUNTED
  - w WALL MOUNTED
- SPEAKER (LOCAL SOUND SYSTEM)
- SPEAKER HORN
- M MICROPHONE JACK
- SJ SPEAKER JACK
- V VOLUME CONTROL
- CLOCK
- DOUBLE FACE CLOCK
- C/S COMBINATION CLOCK AND SPEAKER
- IC INTERCOM STATION
- PA/AM REMOTE PRE-AMPLIFIER AND PAGING MICROPHONE
- CJ CONSOLE JACK
- HL HOUSE LIGHT CONTROL STATION
- WB WALL BOX AS SPECIFIED
- FB FLOOR BOX

NOTE:

SYMBOLS SHOWN ON THIS ELECTRICAL SYMBOLS LIST ARE FOR REFERENCE PURPOSES ONLY. ALL OF THESE SYMBOLS MAY NOT BE USED FOR THIS PROJECT.

FIRE/LIFE SAFETY LEGEND:

- F FIRE ALARM PULL STATION
- FB FIRE ALARM BELL
- FH FIRE ALARM HORN
- FHS FIRE ALARM HORN AND STROBE COMBINATION
- FHS$_{WP}$ FIRE ALARM HORN AND STROBE COMBINATION, WEATHER PROOF
- FS FIRE ALARM SPEAKER
- FS$_{C}$ FIRE ALARM SPEAKER - CEILING MOUNTED
- FSS FIRE ALARM SPEAKER AND STROBE COMBINATION
- FST FIRE ALARM STROBE
- FST FIRE ALARM STROBE - CEILING MOUNTED
- S SMOKE DETECTOR
- S$_{WG}$ SMOKE DETECTOR WITH GUARD
- S$_{CO}$ CARBON MONOXIDE DETECTOR
- S$_{CH4}$ NATURAL GAS SENSOR
- H HEAT DETECTOR
- S/H COMBINATION SMOKE/HEAT DETECTOR
- H$_{Z}$ HEAT DETECTOR - 190° FIXED TEMPERATURE
- H$_{EXP}$ HEAT DETECTOR - EXPLOSION PROOF
- BT BEAM SMOKE DETECTOR TRANSMITTER
- BR BEAM SMOKE DETECTOR RECEIVER
- D$_{x}$ DUCT DETECTOR
  - SA INDICATES INSTALLATION IN SUPPLY AIR
  - RA INDICATES INSTALLATION IN RETURN AIR
- DTS REMOTE TEST STATION FOR DUCT DETECTOR
- R FIRE ALARM SHUT DOWN RELAY
- DH FIRE DOOR HOLD OPEN
- TS TAMPER SWITCH
- FT FLOW SWITCH
- FSS FIRE SUPRESSION ANSUL SYSTEM CONNECTION
- SD$_{x}$ SMOKE DAMPER RELAY CONNECTION
  - SD/FD SMOKE DAMPER AND FIRE DAMPER
  - SD SMOKE DAMPER
- CM CONTROL MODULE, ADDRESSABLE
- AREA OF RESCUE CALL STATION
- ADA AREA OF RESCUE MASTER TELEPHONE STATION

SECURITY LEGEND:

- KP SECURITY KEY PAD
- VIDEO CAMERA
- VM CCTV VIDEO MONITOR
- MD PASSIVE INFRARED MOTION DETECTOR
- PR PROXIMITY CARD READER
- C CALL SWITCH
- DC DOOR CONTACT
- WC WINDOW CONTACT
- ES ELECTRIC STRIKE DOOR RELEASE
- ML MAGNETIC DOOR RELEASE

NURSE CALL LEGEND:

- CB NURSE CALL BUTTON
- P NURSE CALL PATIENT BED STATION
- B CODE CALL BUTTON
- SA NURSE CALL STAFF ASSIST STATION
- S NURSE CALL STAFF STATION
- SD NURSE CALL DUTY/STAFF STATION
- D NURSE CALL DUTY STATION
- NURSE CALL LIGHT
- NURSE CALL CODE LIGHT
- NURSE CALL ZONE LIGHT
- M NURSE CALL MASTER STATION
- E NURSE CALL EMERGENCY PULL STATION
- IR NURSE CALL INFRARED SENSOR

LIGHT FIXTURE LEGEND:

- XX LIGHTING FIXTURE (SEE LIGHTING FIXTURE SCHEDULE FOR LETTER DESIGNATION AND DESCRIPTION OF FIXTURES)
- EMERGENCY AND/OR NIGHT LIGHT LIGHTING FIXTURE
- EXIT LIGHTING FIXTURE UNIVERSAL MOUNT, SINGLE/DOUBLE FACE (WHERE USED, ARROW INDICATES CHEVRON DIRECTION)
- BATTERY POWERED EMERGENCY LIGHT
- EMERGENCY LIGHT REMOTE HEAD
- TRACK LIGHTING
- POLE MOUNTED LIGHTING (QUANTITY AND ORIENTATION OF HEADS AS SHOWN)
- OS OCCUPANCY SENSOR - CEILING MOUNTED
- OSW OCCUPANCY SENSOR - WALL MOUNTED
- LC LIGHTING CONTACTOR
- PC PHOTOCELL
- DL AMBIENT LIGHT SENSOR
- S. SWITCH
  - LV LOW VOLTAGE 1-4 BUTTON STATION (CONNECT TO LIGHTING CONTROL STATION)
  - OS OCCUPANCY SENSOR SWITCH
  - D DIMMER (INCANDESCENT)
  - D3 THREE WAY DIMMER (INCANDESCENT)
  - DF DIMMER (FLUORESCENT)

PANEL LEGEND:

- EXISTING ELECTRICAL PANEL
- XXX NEW ELECTRICAL PANEL
  - MDP MAIN DISTRIBUTION PANEL
  - LVP LOW VOLTAGE PANEL
  - HVP HIGH VOLTAGE PANEL
  - LP LIGHTING CONTROL PANEL
  - IG ISOLATED GROUND PANEL
  - MSB MAIN SWITCH BOARD
  - MCC MOTOR CONTROL CENTER
  - TVSS TRANSIENT VOLTAGE SURGE SUPPRESSION
- ATS AUTOMATIC TRANSFER SWITCH
- XXX ELECTRICAL SYSTEMS PANEL
  - SACP SECURITY ALARM CONTROL PANEL
  - FACP FIRE ALARM CONTROL PANEL
  - PA PUBLIC ADDRESS CONTROL PANEL
  - FAAP FIRE ALARM ANNUNCIATOR PANEL

ELECTRICAL PANELBOARD LABELING PLACARD

LINE 1 - PANELBOARD NAME: PP1 (EXAMPLE)
LINE 2 - VOLTAGE AND PHASE:480/277V-3PH-4W (EXAMPLE)
LINE 3 - WHERE PANELBOARD IS FED FROM: FF MSB BREAKER #14 (EXAMPLE)

GENERAL ELECTRICAL NOTES:

1) HATCHED AREAS ////// DESIGNATE EXISTING EQUIPMENT TO BE REMOVED, UNLESS OTHERWISE NOTED.
2) ALL WORK TO BE DONE IN ACCORDANCE WITH THE 2017 EDITION OF THE NATIONAL ELECTRIC CODE (NFPA 70).
3) CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND COORDINATE WITH EXISTING EQUIPMENT PRIOR TO BIDDING.

BUILDING:

4) INSTALLATION HEIGHT TO CENTER OF EQUIPMENT ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED TO BE:
   RECEPTACLE = 18"
   SWITCH = 44"
   MODULAR JACK FOR WALL MOUNTED TELEPHONE = 52"
   MODULAR TELEPHONE JACK = 18"
   AUDIO/VISUAL FIRE ALARM INDICATORS = 88"
   FIRE ALARM PULL STATIONS = 48"
   TELEVISION OUTLET = 7'-0"
   COMPUTER OUTLET = 18"
   CALL SWITCH = 44"
   REMOTE TEST STATION FOR DUCT DETECTOR = 52"
   C = ABOVE COUNTER BACKSPLASH, COORDINATE WITH ARCHITECTURAL ELEVATIONS AND MILLWORK.
5) INSTALL DATA JACKS FOR CEILING MOUNTED WIRELESS TRANSMITTERS ABOVE CEILING IN ALL AREAS WHERE THERE IS AN ACCESSIBLE CEILING. PROVIDE FLUSH MOUNTED JACKS IN ALL HARD CEILINGS.
6) ALL CONDUIT AND WIRING TO BE CONCEALED IN WALLS, FLOOR, OR ABOVE CEILINGS UNLESS OTHERWISE NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. ALL DEVICE OUTLET BOXES SHALL BE RECESSED UNLESS OTHERWISE NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. WHERE APPROVED OR NOTED, SURFACE METAL RACEWAY AND DEVICE BOXES SHALL BE USED IN-LIEU OF CONDUIT AND CONCEALED BOXES AT NO EXTRA COST TO THE OWNER.
7) ALL CONDUIT ROUTES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY FINAL ROUTE.
8) CONDUIT RUNS SHOWN ARE SCHEMATICAL AND DO NOT INDICATE THE NECESSARY FITTINGS AND JUNCTION BOXES THAT ARE INCLUDED IN THE SCOPE OF THE WORK.

GROUNDING:

9) ALL METAL RACEWAYS, INCLUDING CONDUIT, WIRE TROUGHS, WIREMOLD, ETC., SHALL BE GROUNDED. ALL CONNECTIONS IN METAL RACEWAYS SHALL BE COMPLETED IN SUCH A MANNER AS TO MAINTAIN A CONTINUOUS PATH TO GROUND THROUGHOUT THE ENTIRE LENGTH OF THE RACEWAY.

WIRING:

10) UNLESS NOTED OTHERWISE ON THE DRAWINGS OR ON THE EQUIPMENT WIRING SCHEDULE, EACH BRANCH CIRCUIT SHALL BE THREE (3) #12 AWG THHN/THWN (1 HOT, 1 NEUTRAL & 1 EQUIPMENT GROUND) IN 3/4" EMT CONDUIT. PROTECT EACH CIRCUIT WITH A 20 AMPERE, 1-POLE OVERCURRENT DEVICE UNLESS OTHERWISE NOTED. PROVIDE #10 AWG FOR 120V BRANCH CIRCUITS LONGER THAN 100 FEET. COMBINED NEUTRALS ARE NOT PERMITTED.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

THIS DRAWING AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF SERVICE IS AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING. THIS DRAWING SHALL NOT BE CHANGED OR ALTERED IN ANY WAY, AND ANY REUSE, DISCLOSURE OR DISTRIBUTION WITHOUT THE EXPRESS WRITTEN CONSENT OF CPL ARCHITECTURE ENGINEERING PLANNING FOR ANY PURPOSE WHATSOEVER SHALL BE WITHOUT LIABILITY TO CPL ARCHITECTURE ENGINEERING PLANNING, AND WILL BE AT THE RECIPIENT'S SOLE RISK. ALL RIGHTS ARE RESERVED UNDER ALL APPLICABLE COPYRIGHT LAWS AND TREATIES.

STATE OF NEW YORK
ANTHONY R. MARRIOTT
No. 16081
LICENSED PROFESSIONAL ARCHITECT

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

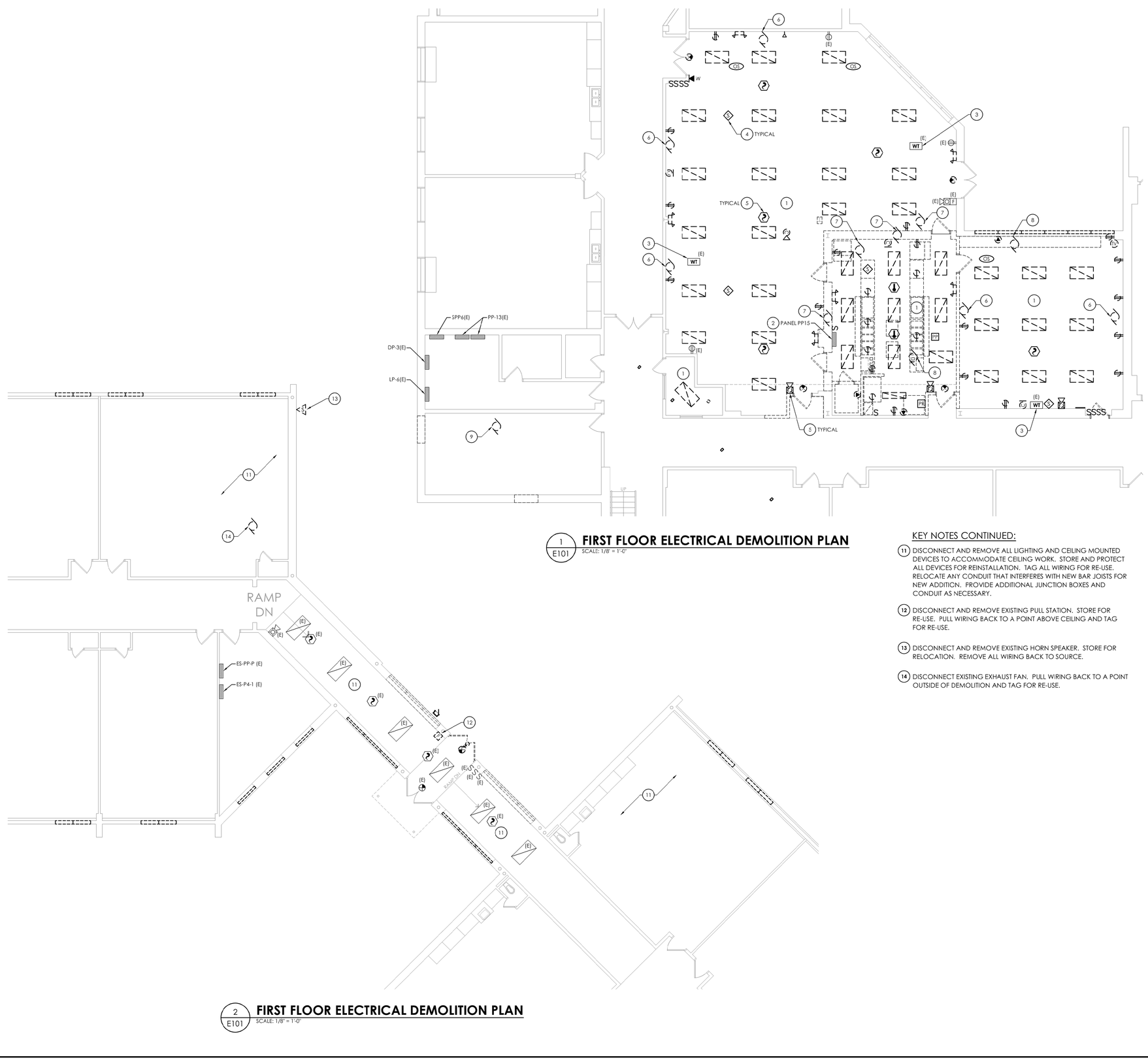
DATE	DRAWN	CHECKED
05/04/2021	MAY	JBT

SCALE AS NOTED

SHEET TITLE
ELECTRICAL LEGEND AND NOTES

PROJECT NUMBER
14426.04

EES
E000
DRAWING NUMBER



1 E101 **FIRST FLOOR ELECTRICAL DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

2 E101 **FIRST FLOOR ELECTRICAL DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. ALL ITEMS SHOWN ARE TO BE REMOVED UNLESS LABELED AS (E) EXISTING TO REMAIN. ANY DEVICE, AS WELL AS ITS ASSOCIATED CIRCUITING, AND CONDUIT, LABELED "(E)" SHALL REMAIN, UNLESS OTHERWISE NOTED.

B. INFORMATION ON DRAWINGS WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ANY DEVICES AND CABLING THAT MAY NOT BE SHOWN ON DRAWING AT NO ADDITIONAL COST TO OWNER.

C. 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 AT NO ADDITIONAL COST.

D. THE CONTRACTOR SHALL REMOVE THE EXSTING ELECTRIC 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.

E. 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 AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.

F. COORDINATE DEMOLITION OF EQUIPMENT, DEVICES, ETC. WITH OTHER DISCIPLINES AS APPLICABLE. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS AND NOTES FOR COORDINATION.

G. ALL ITEMS (DEVICES, FIXTURES, ETC.) SHOWN ARE TO BE REMOVED UNLESS LABELED AS EXISTING TO REMAIN - (E). THESE ITEMS AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE CONTROL PANEL/PANELBOARD 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.

H. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ITEMS AND/OR EQUIPMENT BEING REMOVED AS PART OF THE PROJECT. THE OWNER SHALL HAVE THE RIGHT OF RETAINING ANY ITEMS BEING REMOVED.

I. CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL UNUSED FLUSH MOUNT DEVICE BOXES UPON COMPLETION OF PROJECT.

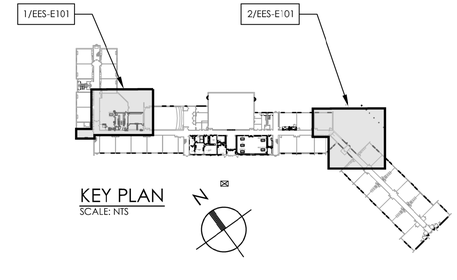
J. FIREPROOFING AND/OR FIRE STOP MATERIALS REMOVED FROM FIRE RATED WALLS AND CEILINGS AS A RESULT OF DEMOLITION SHALL BE RE-INSTALLED JSING AN APPROVED METHOD AS DESCRIBED IN ASSOCIATED PROJECT SPECIFICATIONS.

KEY NOTES:

1. DISCONNECT AND REMOVE ALL LIGHTING, PULL BACK CONDUIT AND WIRING OUTSIDE OF DEMOLITION AND TAG FOR RE-USE.
2. DISCONNECT AND REMOVE EXISTING PANELBOARD PP15 IN ITS ENTIRETY. REMOVE ALL BRANCH CIRCUITRY AND FEEDERS BACK TO SOURCE. DISCONNECT AND REMOVE EXISTING FEEDER TRANSFORMER IN ITS ENTIRETY.
3. DISCONNECT EXISTING WIRELESS TRANSMITTER AND TURN OVER TO OWNER. REMOVE ALL WIRING ASSOCIATED BACK TO SOURCE.
4. DISCONNECT AND REMOVE EXISTING SPEAKER. STORE FOR RE-USE. TAG WIRING FOR RE-USE.
5. DISCONNECT AND REMOVE FIRE ALARM DEVICES INDICATED. PULL BACK WIRING AND TAG FOR RE-USE.
6. DISCONNECT AND REMOVE ALL CONDUIT AND WIRING FORM AC UNITS AND ROOF MOUNTED CONDENSING UNITS BACK TO SOURCE.
7. DISCONNECT AND REMOVE ALL CONDUIT AND WIRING FROM WALL AND EXHAUST FANS BACK TO SOURCE.
8. DISCONNECT AND REMOVE ALL CONDUIT AND WIRING FROM UNIT VENTILATORS BACK TO SOURCE.
9. DISCONNECT AND REMOVE ALL CONDUIT AND WIRING FROM AHU BACK TO SOURCE.
10. EXISTING TELEPHONE DEMARCATION EQUIPMENT TO REMAIN. PROTECT EQUIPMENT DURING DEMOLITION.

KEY NOTES CONTINUED:

11. DISCONNECT AND REMOVE ALL LIGHTING AND CEILING MOUNTED DEVICES TO ACCOMMODATE CEILING WORK. STORE AND PROTECT ALL DEVICES FOR REINSTALLATION. TAG ALL WIRING FOR RE-USE. RELOCATE ANY CONDUIT THAT INTERFERES WITH NEW BAR JOISTS FOR NEW ADDITION. PROVIDE ADDITIONAL JUNCTION BOXES AND CONDUIT AS NECESSARY.
12. DISCONNECT AND REMOVE EXISTING PULL STATION. STORE FOR RE-USE. PULL WIRING BACK TO A POINT ABOVE CEILING AND TAG FOR RE-USE.
13. DISCONNECT AND REMOVE EXISTING HORN SPEAKER. STORE FOR RELOCATION. REMOVE ALL WIRING BACK TO SOURCE.
14. DISCONNECT EXISTING EXHAUST FAN. PULL WIRING BACK TO A POINT OUTSIDE OF DEMOLITION AND TAG FOR RE-USE.



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE = ENGINEERING = PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK ANTHONY R. MISCHITTI LICENSED PROFESSIONAL ENGINEER

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	MAY	JBT

SCALE AS NOTED

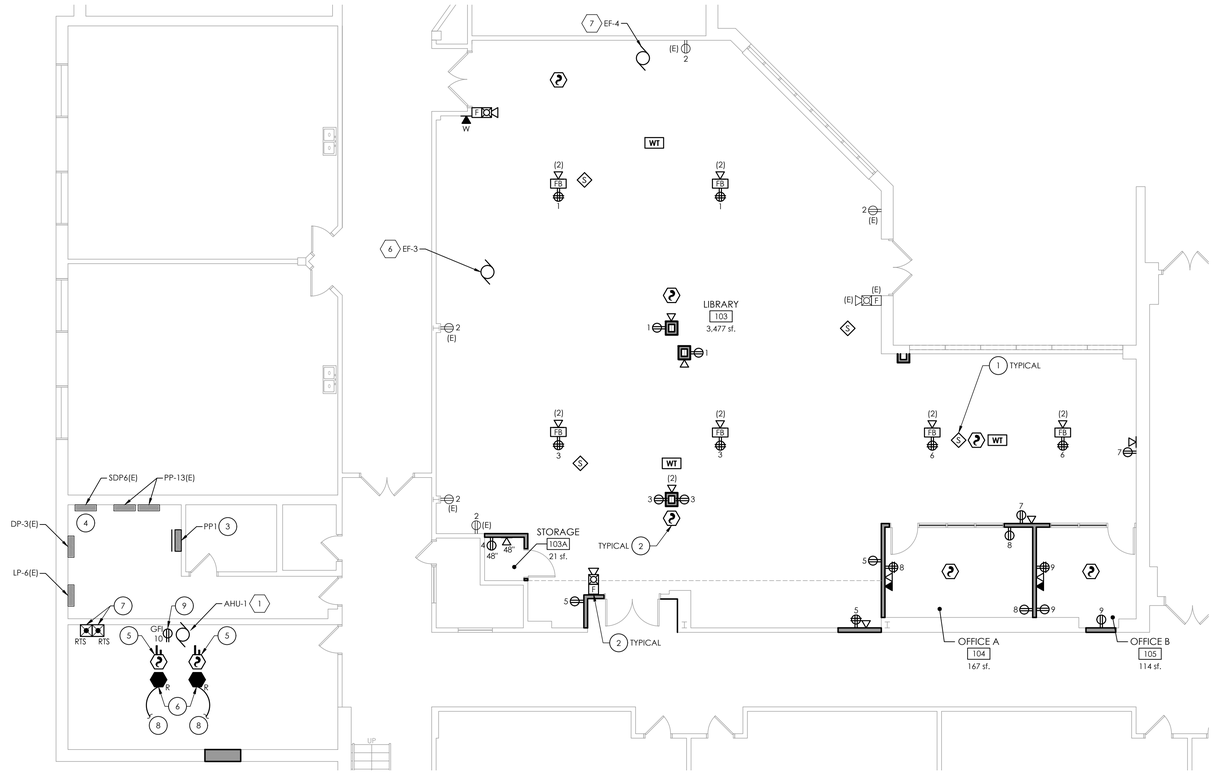
SHEET TITLE
ELEMENTARY SCHOOL FIRST FLOOR DEMOLITION PLAN

PROJECT NUMBER 14426.04

EES E101
DRAWING NUMBER

THIS DRAWING AND THE DESIGN CONTAINED THEREIN AS AN INSTRUMENT OF SERVICE IS AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTS, ENGINEERS, PLANNERS, P.C. AND SHALL NOT BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CPL ARCHITECTS, ENGINEERS, PLANNERS, P.C. ANY REPRODUCTION OF THIS DRAWING AND THE DESIGN CONTAINED THEREIN, IN WHOLE OR IN PART, BY ANY METHOD WITHOUT THE WRITTEN AUTHORIZATION OF CPL ARCHITECTS, ENGINEERS, PLANNERS, P.C. IS STRICTLY PROHIBITED AND MUST HAVE INCLUDED THE STATEMENT THAT THE DESIGN IS THE PROPERTY OF CPL ARCHITECTS, ENGINEERS, PLANNERS, P.C.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond ReND Design\06 CAD\AutoCAD\ELEC\E1\Phase 1\EES-E101.dwg
Date last accessed: 7/26/2022 9:00 AM
Date last plotted: 7/26/2022 9:27 AM
Plotted By: Jeffery Teeter



1 E202 **ELEMENTARY SCHOOL FIRST FLOOR ELECTRICAL NEW WORK PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. FOR ALL 120V DEVICES SHOWN, WIRE WITH (2)#12, #12G IN 3/4"C AND CONNECT TO 20A/1P CIRCUIT BREAKER IN PANEL PP1 TO CIRCUIT INDICATED ADJACENT TO DEVICE.

B. FOR ALL WALL MOUNT VOICE/DATA DROPS SHOWN, PROVIDE FLUSH MOUNT 2-GANG BOX WITH SINGLE GANG DEVICE RING. PROVIDE (2) CATEGORY 6 UTP CABLES IN 1-1/4" CONDUIT ABOVE FINISHED CEILING SPACE TO ASSOCIATED FLOOR DATA RACK SHOWN ON KEY PLAN. PROVIDE ASSOCIATED 2-PORT FACEPLATE, (2) RJ45 JACKS, ETC. AT DROP LOCATION.

C. AT EACH (X) SYMBOL INDICATES, REFER TO ELECTRICAL EQUIPMENT WIRING SCHEDULE ON DRAWING EES-E900.

KEY NOTES:

1. INSTALL EXISTING STORED SPEAKERS AT LOCATIONS SHOWN. CONNECT TO EXISTING TAGGED WIRING. REWORK/EXTEND EXISTING WIRING AS NECESSARY TO ACCOMMODATE NEW LOCATIONS.

2. CONNECT NEW FIRE ALARM DEVICES TO EXISTING TAGGED WIRING. REWORK/EXTEND EXISTING WIRING NECESSARY TO ACCOMMODATE NEW LOCATIONS.

3. PROVIDE A 120/208V, 200-AMP 3Ø, 4W, 30 CIRCUIT PANEL BOARD AT LOCATION INDICATED.

4. UTILIZE EXISTING 200-AMP, 3-POLE CIRCUIT BREAKER LABELED KITCHEN PP-15 TO FEED NEW PANEL PP1. LABEL ACCORDINGLY. PROVIDE (4) #3/0, (1) #6 GND IN 2-1/2" CONDUIT FROM CIRCUIT BREAKER INDICATED TO NEW PANEL PP1.

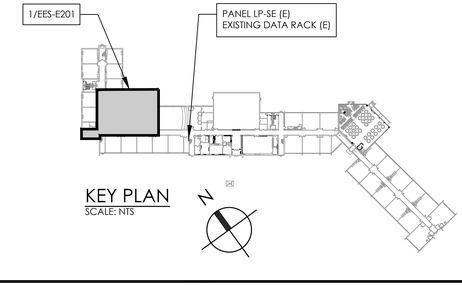
5. PROVIDE DUCT SMOKE DETECTOR FOR RETURN AND SUPPLY LINES OF RTU'S. PROVIDE FAN SHUT DOWN RELAYS SO THAT UNIT WILL SHUT DOWN ALL FANS ASSOCIATED WITH UNIT ON ACTIVATION OF THE BUILDING FIRE ALARM PANEL.

6. PROVIDE FAN SHUT DOWN RELAYS AT HVAC EQUIPMENT CONTROLS. INTERCONNECT RELAYS TO BUILDING FIRE ALARM SYSTEM TO SHUT DOWN FAN MOTORS WHEN THE FIRE ALARM IS ACTIVATED.

7. CONNECT TO CEILING MOUNTED REMOTE TEST SWITCHES.

8. PROVIDE CEILING MOUNTED REMOTE TEST SWITCHES. SWITCHES ARE ASSOCIATED WITH DUCT SMOKE DETECTORS IN SUPPLY AND RETURN MAIN LINE TRUNKS OF ROOFTOP UNIT INDICATED. COORDINATE LOCATION AND MOUNTING WITH OWNER PRIOR TO INSTALLATION.

9. PROVIDE GFCI DUPLEX RECEPTACLE AT AHU. MOUNT RECEPTACLE TO SIDE OF AHU. PROVIDE DEVICE WITH WEATHERPROOF IN-USE COVER. COORDINATE MOUNTING WITH MECHANICAL CONTRACTOR.



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	MAY	JBT

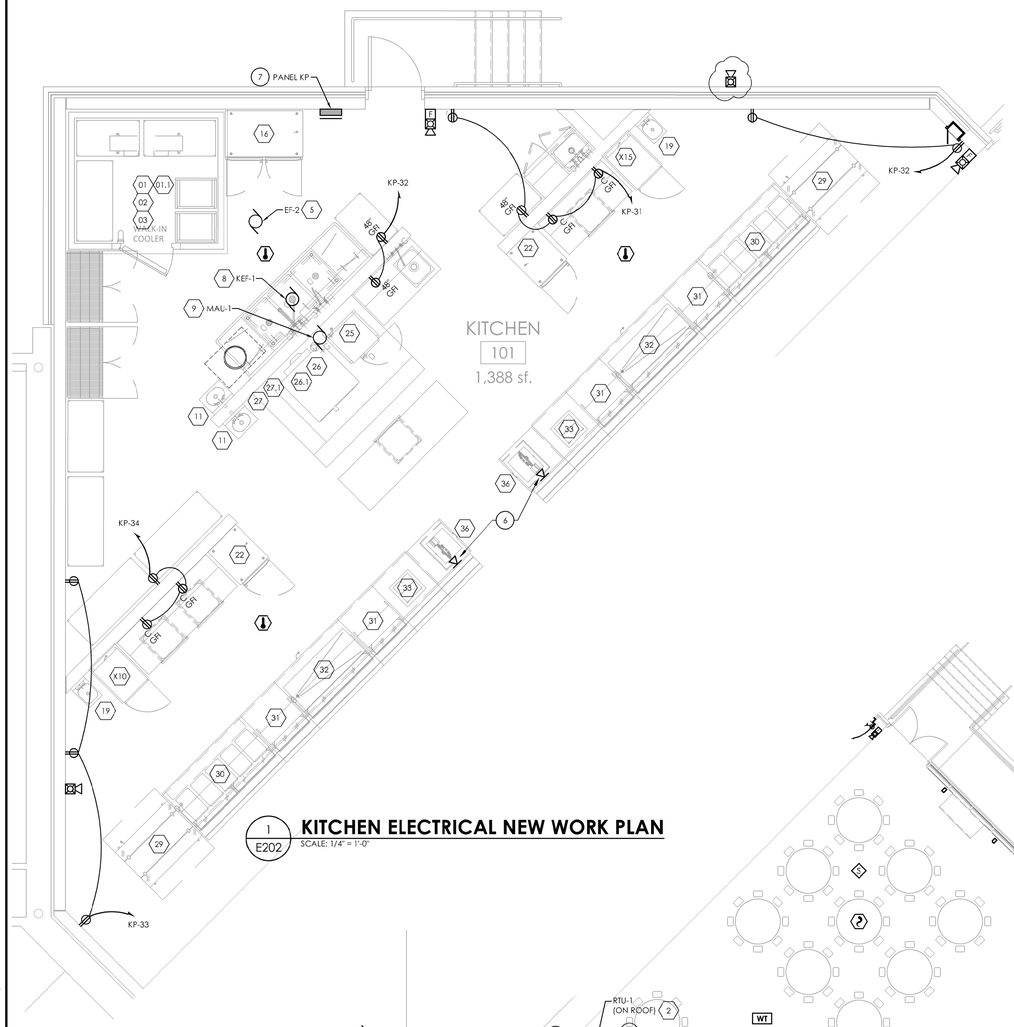
SCALE AS NOTED

SHEET TITLE
ELEMENTARY SCHOOL FIRST FLOOR NEW WORK PLAN - LIBRARY

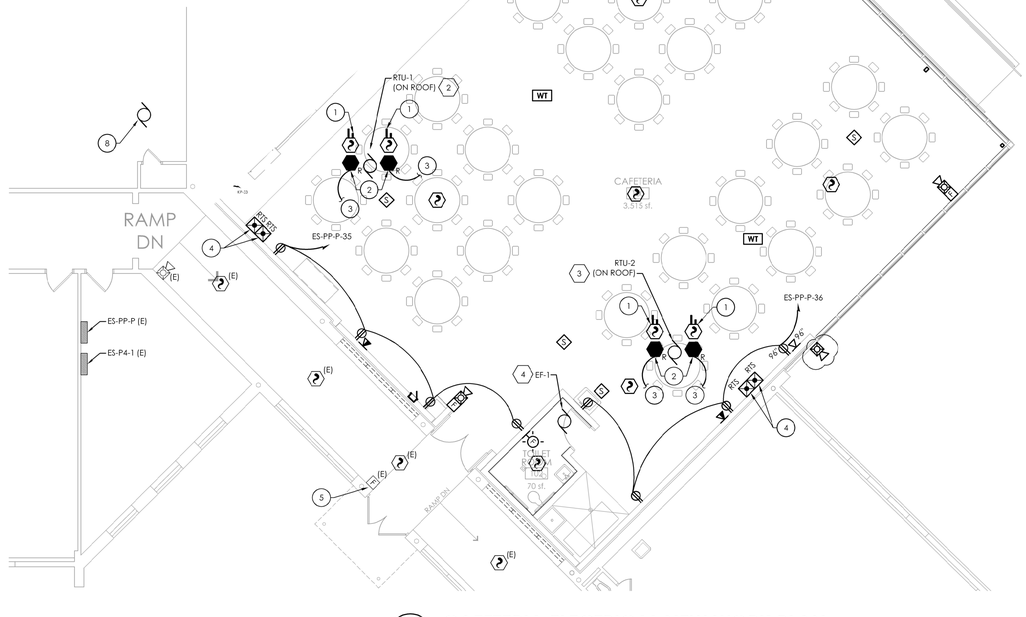
PROJECT NUMBER
14426.04

EES
E201
DRAWING NUMBER

Plotted By: Jeffery Teeter
Date last plotted: 3/30/2021 2:46 PM
Date last accessed: 3/10/2021 3:42 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ELEC\E2\Phase 1\EES-E201.dwg
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND ALL COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS LICENSED UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY AN APPROVED PLAN OR DRAWING OR THE SEAL OF A LICENSED DESIGN PROFESSIONAL AFFIXED THERETO.



1 E202 **KITCHEN ELECTRICAL NEW WORK PLAN**
SCALE: 1/4" = 1'-0"



2 E202 **CAFETERIA ELECTRICAL NEW WORK PLAN**
SCALE: 1/8" = 1'-0"

FOOD SERVICE EQUIPMENT SCHEDULE

ITEM #	DESCRIPTION	LOCATION	VOLTS	PHASE	AMPS	WIRE/CONDUIT SIZE	BREAKER/ FUSE SIZE	PANEL/CCT	TYPE CONNECTION	REMARKS
01	WALK IN COOLER	KITCHEN 101	120	1	3.4A	(2) #12, #12G IN 3/4" C	20A/1P	KP/1	5-15P PLUG	1,2
01.1	WALK IN COOLER	KITCHEN 101	120	1	10A	(2) #12, #12G IN 3/4" C	20A/1P	KP/2	DIRECT CONNECTION	1,2
02	EVAPORATOR COIL, WALK-IN COOLER	KITCHEN 101	120	1	0.9A	(2) #12, #12G IN 3/4" C	20A/1P	KP/3	DIRECT CONNECTION	1
03	CONDENSING UNIT, WALK-IN COOLER	KITCHEN 101	208	3	6.2A	(3) #12, #12G IN 3/4" C	20A/3P	KP/4,6,8	DIRECT CONNECTION	1
11	HAND SINK	KITCHEN 101	120	1	1A	(2) #12, #12G IN 3/4" C	20A/1P	KP/5	5-15P PLUG-24"	1
16	FREEZER, REACH-IN	KITCHEN 101	120	1	14.9A	(2) #12, #12G IN 3/4" C	20A/1P	KP/7	5-20P PLUG-48"	1
19	HAND SINK	KITCHEN 101	120	1	1A	(2) #12, #12G IN 3/4" C	20A/1P	KP/9	5-15P PLUG-24"	1
22	REFRIGERATOR, REACH-IN	KITCHEN 101	120	1	6.7A	(2) #12, #12G IN 3/4" C	20A/1P	KP/10	5-15P PLUG-48"	1
25	DOUBLE STEAMER	KITCHEN 101	208	3	42A	(3) #8, #10G IN 1" C	50A/3P	KP/11,13,15	15-50P PLUG-24"	1
26	DOUBLE CONVECTION OVEN	KITCHEN 101	208	3	31A	(3) #8, #10G IN 1" C	40A/3P	KP/12,14,16	DIRECT CONNECTION-24"	1,5
26.1	DOUBLE CONVECTION OVEN	KITCHEN 101	208	3	31A	(3) #8, #10G IN 1" C	40A/3P	KP/18,20,22	DIRECT CONNECTION-48"	1,5
27	EXHAUST HOOD	KITCHEN 101	120	1	1.5A	(2) #12, #12G IN 3/4" C	20A/1P	KP/17	DIRECT CONNECTION	1,4
27.1	FIRE SUPRESSION SYSTEM	KITCHEN 101	120	1	20A	(2) #12, #12G IN 3/4" C	20A/1P	KP/19	DIRECT CONNECTION	1,3
29	MILK COOLER	KITCHEN 101	120	1	3.7A	(2) #12, #12G IN 3/4" C	20A/1P	KP/21	5-15P PLUG-5"	1
30	HOT FOOD COUNTER	KITCHEN 101	208	1	21.8A	(3) #10, #12G IN 3/4" C	25A/2P	KP/23,25	L14-30P PLUG-5"	1
31	UTILITY COUNTER	KITCHEN 101	120	1	1.5A	(2) #12, #12G IN 3/4" C	20A/1P	KP/24	5-20P PLUG-5"	1
32	COLD FOOD COUNTER	KITCHEN 101	120	1	7A	(2) #12, #12G IN 3/4" C	20A/1P	KP/26	5-15P PLUG-5"	1
33	NOVELTY CASE	KITCHEN 101	120	1	2.1A	(2) #12, #12G IN 3/4" C	20A/1P	KP/27	5-15P PLUG-5"	1
36	CASHIER STATION	KITCHEN 101	120	1	20A	(2) #12, #12G IN 3/4" C	20A/1P	KP/28	5-50P PLUG-6"	1
X-10	HEATING CABINET	KITCHEN 101	120	1	1.5A	(2) #12, #12G IN 3/4" C	20A/1P	KP/29	5-15P PLUG-48"	1
X-15	HEATING CABINET	KITCHEN 101	120	1	1.5A	(2) #12, #12G IN 3/4" C	20A/1P	KP/30	5-15P PLUG-48"	1

GENERAL NOTES:

A. FOR ALL 120V DEVICES SHOWN, WIRE WITH (2)#12, #12G IN 3/4"C AND CONNECT TO 20A/1P CIRCUIT BREAKER IN PANEL OF CIRCUIT INDICATED ADJACENT TO DEVICE.

B. FOR ALL WALL MOUNT VOICE/DATA DROPS SHOWN, PROVIDE FLUSH MOUNT 2-GANG BOX WITH SINGLE GANG DEVICE RING. PROVIDE (2) CATEGORY 6 UTP CABLES IN 1-1/4" CONDUIT ABOVE FINISHED CEILING SPACE TO ASSOCIATED FLOOR DATA RACK. PROVIDE ASSOCIATED 2-PORT FACEPLATE, (2) RJ45 JACKS, ETC. AT DROP LOCATION.

C. AT EACH (X) SYMBOL INDICATES, REFER TO ELECTRICAL EQUIPMENT WIRING SCHEDULE ON DRAWING EES-E900.

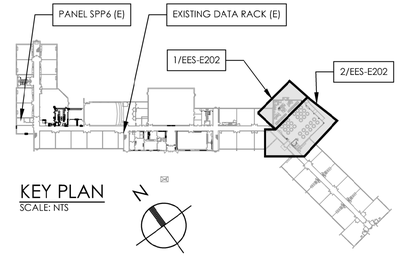
D. COORDINATE ALL WORK RELATIVE TO FOOD SERVICE EQUIPMENT WITH FOOD SERVICE EQUIPMENT CONTRACTOR.

KEY NOTES:

1. PROVIDE DUCT SMOKE DETECTOR FOR RETURN AND SUPPLY LINES OF RTU'S. PROVIDE FAN SHUT DOWN RELAYS SO THAT UNIT WILL SHUT DOWN ALL FANS ASSOCIATED WITH UNIT ON ACTIVATION OF THE BUILDING FIRE ALARM PANEL.
2. PROVIDE FAN SHUT DOWN RELAYS AT HVAC EQUIPMENT CONTROLS. INTERCONNECT RELAYS TO BUILDING FIRE ALARM SYSTEM TO SHUT DOWN FAN MOTORS WHEN THE FIRE ALARM IS ACTIVATED.
3. CONNECT TO CEILING MOUNTED REMOTE TEST SWITCHES.
4. PROVIDE CEILING MOUNTED REMOTE TEST SWITCHES. SWITCHES ARE ASSOCIATED WITH DUCT SMOKE DETECTORS IN SUPPLY AND RETURN MAIN LINE TRUNKS OF ROOFTOP UNIT INDICATED. COORDINATE LOCATION AND MOUNTING WITH OWNER PRIOR TO INSTALLATION.
5. LOCATION OF RELOCATED PULL STATION. CONNECT TO EXISTING TAGGED WIRING.
6. PROVIDE (1) CATEGORY 6 DATA DROP AT EACH CASH REGISTER LOCATION. STUB UP CONDUIT TO 12" A.F.F. PROVIDE A SINGLE GANG JUNCTION BOX MOUNTED TO FURNITURE. PROVIDE A CATEGORY 6 RJ-45 JACK WITH FACEPLATE. REFER TO KEY PLAN FOR DATA RACK LOCATION.
7. PANEL 'KP' TO BE FED FROM PANEL 'SPP6' LOCATED IN THE ELECTRICAL ROOM SHOWN ON THE KEY PLAN. APPROXIMATE DISTANCE IS 550'. PROVIDE A NEW 400-AMP, 3-POLE BREAKER IN PANEL 'SPP6' TO ACCOMMODATE PANEL 'KP' AND LABEL AS SUCH. PROVIDE (2) SETS OF (4)#350, (1) #2GND IN 3" CONDUIT FROM PANEL 'SPP6' TO NEW PANEL 'KP'.
8. RECONNECT EXISTING EXHAUST FAN TO TAGGED CIRCUITRY. REWORK/EXTEND CONDUIT AND WIRING AS NECESSARY TO ACCOMMODATE.

REMARKS: (FOOD SERVICE EQUIPMENT SCHEDULE)

1. EQUIPMENT TO BE PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR, UNLESS NOTED OTHERWISE. VERIFY ELECTRICAL REQUIREMENT PRIOR TO CIRCUIT/DEVICE INSTALLATION.
2. PROVIDE (2) 20A CIRCUITS TO WALK-IN FREEZER. CIRCUITS TO FEED LIGHTS, ALARM, DOOR HEATER, AND AIR CURTAIN. WIRING TO BE CONFIRMED IN FIELD.
3. CONNECT FIRE SUPPRESSION SYSTEM TO MAGNETIC CONTACTOR THAT CONTROLS ALL ELECTRICALLY OPERATED EQUIPMENT UNDER THE EXHAUST HOOD.
4. WIRE CIRCUIT THROUGH FIRE SUPPRESSION SYSTEM CONTACTOR. CONFIRM MOUNTING HEIGHT OF RECEPTACLES WITH EQUIPMENT PROVIDER. REFER TO KITCHEN EQUIPMENT CONTACTOR WIRING DIAGRAM ON FOOD SERVICE PLANS
5. PROVIDE SEPARATE CIRCUIT FOR UPPER AND LOWER CONVECTION OVEN DECK UNITS. WIRE ALL CIRCUITS THROUGH FIRE SUPPRESSION SYSTEM LIGHTING CONTACTOR.



CPLteam.com
ARCHITECTURE = ENGINEERING = PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	MAY	JBT

SCALE: AS NOTED

SHEET TITLE
ELEMENTARY SCHOOL FIRST FLOOR NEW WORK PLAN - CAFETERIA

PROJECT NUMBER
14426.04

EES
E202
DRAWING NUMBER

Plotted By: Jeffery Teeter
Date last plotted: 7/26/2022 8:57 AM
Date last accessed: 7/21/2022 2:28 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ELEC\E2\Phase 1\EES-E202.dwg

THESE DRAWINGS AND SPECIFICATIONS, AS INSTRUMENTS OF SERVICE, ARE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING. THEY ARE NOT TO BE CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER, NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY, WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF CPL ARCHITECTURE ENGINEERING PLANNING. ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHT, ARE HEREBY RESERVED BY CPL ARCHITECTURE ENGINEERING PLANNING. ANY REUSE OF THESE DRAWINGS AND SPECIFICATIONS FOR ANY PURPOSE OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY WERE PREPARED BY CPL ARCHITECTURE ENGINEERING PLANNING, OR ANY ALTERATION OF THESE DRAWINGS AND SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO REMOVAL OF THIS NOTICE, WITHOUT THE EXPRESS WRITTEN PERMISSION AND CONSENT OF CPL ARCHITECTURE ENGINEERING PLANNING, IS PROHIBITED AND IS WITHOUT LIABILITY TO CPL ARCHITECTURE ENGINEERING PLANNING. THE VISUAL CONTACT WITH THESE DRAWINGS AND SPECIFICATIONS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.



1 E302 **ELEMENTARY SCHOOL FIRST FLOOR ELECTRICAL LIGHTING PLAN - LIBRARY**

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. 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.

B. ALL FIXTURES INDICATED WITH "EM" DESIGNATION SHALL HAVE EMERGENCY BATTERY BACKUP.

C. LIGHT FIXTURE SWITCHING PATTERNS ARE INDICATED BY LOWER-CASE LETTERS NEXT TO SWITCHES AND LIGHT FIXTURES. PROVIDE SWITCHING AS NOTED.

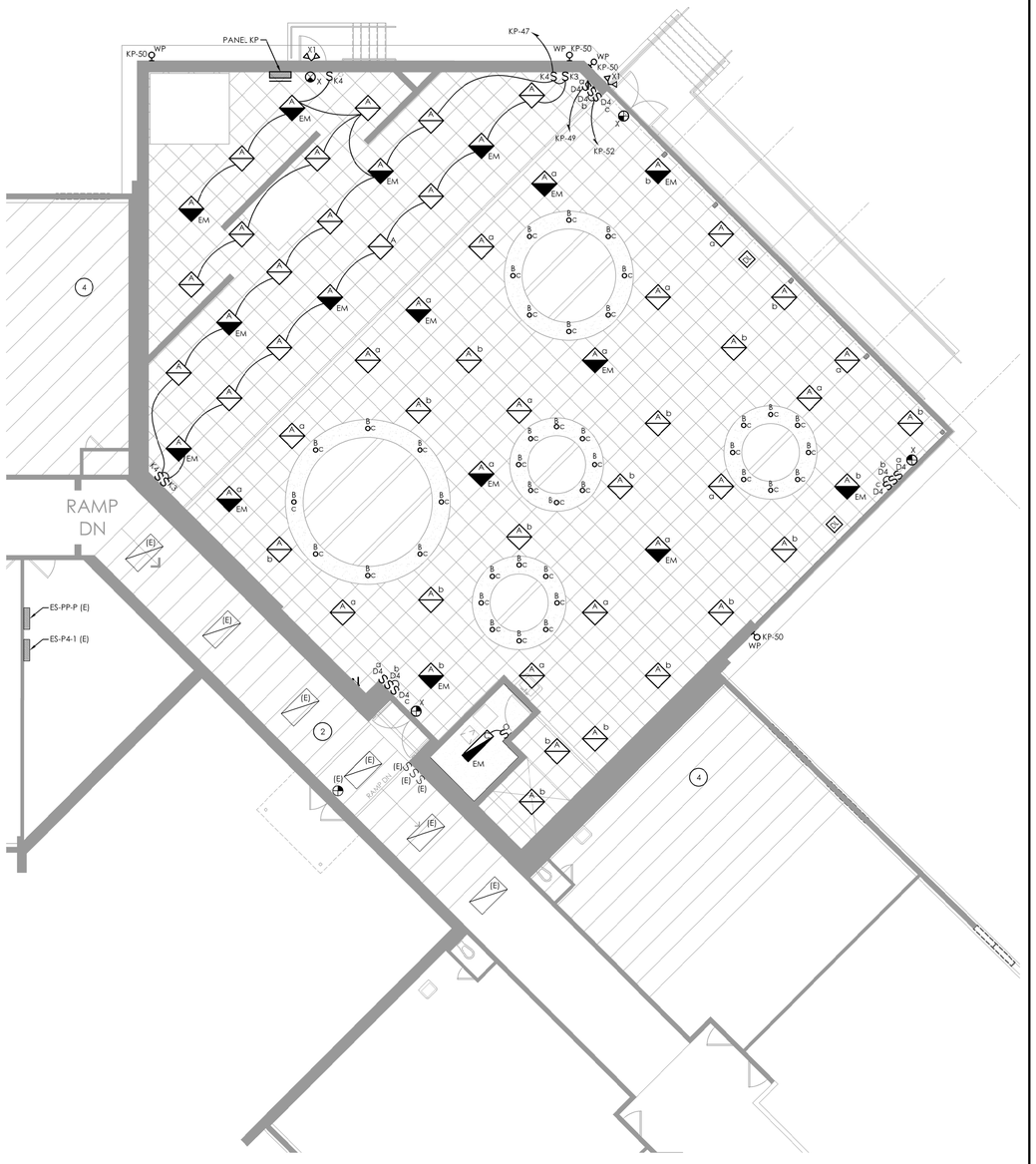
KEY NOTES:

1. NEW LIGHTING AND SWITCHING TO BE TIED INTO EXISTING CIRCUITRY TAGGED FOR RE-USE. REWORK/EXTEND WIRING AS NECESSARY TO ACCOMMODATE NEW LIGHT FIXTURE LAYOUT. PROVIDE ALL NEW LOW-VOLTAGE WIRING BETWEEN NEW SWITCHING AND NEW LIGHT FIXTURES. REFER TO SPECIFICATION SECTION 260924 FOR FURTHER INFORMATION.

2. RE-INSTALL EXISTING LIGHT FIXTURES IN REPLACED CEILING AND RECONNECT TO EXISTING TAGGED CIRCUITRY.

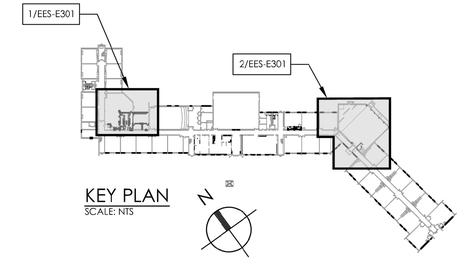
3. CONNECT ALL FIXTURES WITHIN DAYLIGHT ZONE (WITHIN 15' OF WINDOWS) TO ROOM PHOTOCELL/DAYLIGHT SENSOR. PROGRAM TO ADJUST/DIM THE FIXTURES WITHIN ZONE BASED ON DAYLIGHT DISTRIBUTION. FIXTURES SHALL BE SET SO THAT ROOM MAINTAINS 50 FOOTCANDLES (FC).

4. RE-INSTALL EXISTING LIGHT FIXTURES AND CEILING MOUNTED DEVICES TO SIMILAR LOCATIONS AND RECONNECT TO EXISTING WIRING TAGGED FOR RE-USE. REWORK/EXTEND CONDUIT AND WIRING TO ACCOMMODATE RELOCATION.



2 E302 **ELEMENTARY SCHOOL FIRST FLOOR ELECTRICAL LIGHTING PLAN - CAFETERIA**

SCALE: 1/8" = 1'-0"



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK · ANTHONY R. MOSCATT · 090139 · LICENSED PROFESSIONAL ENGINEER

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	MAY	JBT

SCALE: AS NOTED

SHEET TITLE
ELEMENTARY SCHOOL FIRST FLOOR LIGHTING PLAN - LIBRARY & CAFETERIA

PROJECT NUMBER
14426.04

EES
E301
DRAWING NUMBER

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF CPL ARCHITECTS, ENGINEERS, LAND SURVEYORS, P.C. AND SHALL NOT BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF CPL ARCHITECTS, ENGINEERS, LAND SURVEYORS, P.C. © COPYRIGHT CPL ARCHITECTS, ENGINEERS, LAND SURVEYORS, P.C. 2021

Plotted By: Jeffery Teeter
Date last plotted: 7/26/2022 8:56 AM
Date last accessed: 7/26/2022 8:55 AM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ELEC\E3\Phase 1\EES-E301.dwg

LUMINAIRE SCHEDULE

MARK	DESCRIPTION	DESIGN MAKE	MODEL #	VOLTS	LAMP QTY	LAMP WATTS	LAMP MODEL #	REMARKS
A	2X2 RECESSED FLAT PANEL LED FIXTURE	LITHONIA	EPANL-2X2-4000LM-80CRI-35K-MIN10-MVOLT	UNV	-	33	3500K	-
A/EM	2X2 RECESSED FLAT PANEL LED FIXTURE WITH EMERGENCY BATTERY BALLAST	LITHONIA	EPANL-2X2-4000LM-80CRI-35K-MIN10-MVOLT-E10WCP	UNV	-	33	3500K	2,3
B	6" RECESSED LED DOWNLIGHTS	LITHONIA	LDN6-35/25-L06-WR-CSS-MVOLT-EZ10-TRW	UNV	-	28	3500K	-
C/EM	1X4 RECESSED FLAT PANEL LED FIXTURE WITH EMERGENCY BATTERY BACKUP	LITHONIA	EPANL-1X4-3000LM-80CRI-35K-MIN10-E10WCP-DGA14	UNV	-	35	3500K	2,3
D	2X2 RECESSED LED TROFFER	LITHONIA	2ALL2-40L-EZ1-LP835	UNV	-	35	3500K	-
D/EM	2X2 RECESSED LED TROFFER WITH EMERGENCY BATTERY BACKUP	LITHONIA	2ALL2-40L-EZ1-LP835-E10WLCP	UNV	-	35	3500K	2,3
X	EXIT SIGN	LITHONIA	LHQM-LED-R-HORO-SD	UNV	-	4	-	3
X1	REMOTE EXTERIOR EMERGENCY HEADS	LITHONIA	ELA-T-QWP-L0309-SD	UNV	-	4	-	3,4
WP	EXTERIOR LED WALL PACK	LITHONIA	WSR-LED-P4-40K-SR2-MVOLT-PE-DDBXD	UNV	-	61	4000K	1

REMARKS:

1. BUILDING MOUNTED SITE LIGHTING TO BE MOUNTED AT 13' A.F.F.
2. ALL FIXTURES SHOWN WITH AN "EM" DESIGNATION INDICATES EMERGENCY LIGHTING FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP FOR EACH FIXTURE INDICATED.
3. ALL EMERGENCY FIXTURES "EM" SHALL HAVE 90-MINUTE BATTERY CAPACITY AND HAVE INTEGRAL TEST SWITCH.
4. ALL EXTERIOR EMERGENCY LAMPS SHALL BE TIED TO EXIT LIGHTING. MOUNT AT 8' A.F.F.

ELECTRICAL EQUIPMENT WIRING SCHEDULE

ITEM NUMBER	EQUIPMENT	ROOM NUMBER	HP/ FLA	VOLTS	PHASE	AMPS	BREAKER SIZE/ FUSE SIZE	WIRE/CONDUIT SIZE	PANEL/CCT	REMARKS
1	AHU-1	MECH	46.4A	208	3	46.5A	60A/3P	(3) #6, #10G IN 1-1/4"C	PP1-25,27,29	1
2	RTU-1	ROOF	93.2A	208	3	100A	100A/3P	(3) #3, #8G IN 2"C	KP/35,37,39	1
3	RTU-2	ROOF	93.2A	208	3	100A	100A/3P	(3) #3, #8G IN 2"C	KP/36,38,40	1
4	EF-1	102	.06 HP	120	1	4A	20A/1P	(2) #12, #12G IN 3/4"C	KP/41	1,3
5	EF-2	101 ROOF	0.25 HP	120	1	5A	20A/1P	(2) #12, #12G IN 3/4"C	KP/42	1,3
6	EF-3	103	0.25 HP	120	1	5A	20A/1P	(2) #12, #12G IN 3/4"C	PP1-28	1,3
7	EF-4	103	0.5 HP	120	1	9A	20A/2P	(3) #12, #12G IN 3/4"C	PP1-30	1,3
8	KEF-1	101 ROOF	0.75 HP	208	1	13A	20A/2P	(3) #12, #12G IN 3/4"C	KP/43,45	1,3
9	MAU-1	101 ROOF	15.9A	208	3	15.9A	25A/3P	(3) #10, #12G IN 3/4"C	KP/44,46,48	1,3

REMARKS:

1. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE MOUNTING, AND LINE/LOAD SIDE CONNECTIONS OF DISCONNECT AND/OR STARTER DEVICE ASSOCIATED WITH UNIT. MEANS OF DISCONNECT AND/OR STARTER ASSOCIATED WITH UNIT PROVIDED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL FINAL CONNECTIONS TO EQUIPMENT.
2. UTILIZE EXISTING CIRCUIT BREAKER IN PANEL.
3. PROVIDE FIRE ALARM FAN SHUT DOWN AT EACH UNIT INDICATED.

PANEL: KP

LOCATION: KITCHEN 101 — **EQUIPMENT SHORT CIRCUIT RATING:** 10K
VOLTAGE: 120/208V — **MAX AVAIL SHORT CIRCUIT CURRENT:** X
FED FROM: SPP6 — **MAIN CIRCUIT BREAKER:** 400A
MOUNTING: SURFACE — **MAIN BUS:** 400A

	LOCATION	P	AMP	LOAD-KVA AØ	LOAD-KVA BØ	LOAD-KVA CØ	LOAD-KVA AØ	LOAD-KVA BØ	LOAD-KVA CØ	AMP	P	LOCATION	
1	WALK-IN COOLER	1	20	X			X			20	1	WALK-IN COOLER	2
3	WALK-IN COOLER EVAPORATOR	1	20		X			X					4
5	HAND SINKS	1	20			X			X	20	3	CONDENSING UNIT	6
7	REACH-IN FREEZER	1	20	X			X						8
9	HAND SINKS	1	20		X			X		20	1	REFRIGERATOR-REACH IN	10
11						X			X				12
13	DOUBLE STEAMER	3	50	X			X			40	3	DOUBLE CONVECTION OVEN *	14
15					X			X					16
17	EXHAUST HOOD	1	20			X			X				18
19	FIRE SUPPRESSION	1	20	X			X			40	3	DOUBLE CONVECTION OVEN *	20
21	MILK COOLER	1	20		X			X					22
23	HOT FOOD COUNTER	2	30			X			X	20	1	UTILITY COUNTER	24
25				X			X			20	1	COLD FOOD COUNTER	26
27	ICE CREAM UNIT	1	20		X			X		20	1	CASHIER	28
29	HEATING CABINET	1	20			X			X	20	1	HEATING CABINET	30
31	RECEPTS: 101	1	20	X			X			20	1	RECEPTS: 101	32
33	RECEPTS: 101	1	20		X			X		20	1	RECEPTS: 101	34
35						X			X				36
37	RTU-1	3	100	X			X			100	3	RTU-2	38
39					X			X					40
41	EF-1	1	20			X			X	20	1	EF-2	42
43	KEF-1	2	20	X			X			25	3	MAU-1	44
45					X			X					46
47	LIGHTING: 100	1	20			X			X				48
49	LIGHTING: 100	1	20	X			X			20	1	LIGHTING: EXTERIOR	50
51	SPARE	1	20		X			X		20	1	LIGHTING: 100	52
53	SPARE	1	20			X			X	20	1	SPARE	54
	TOTAL LOAD			X	X	X	X	X	X				

* - PROVIDE A SHUNT TRIP BREAKER

PANEL: PP1

LOCATION: JANITOR CLOSET — **EQUIPMENT SHORT CIRCUIT RATING:** 10K
VOLTAGE: 120/208V — **MAX AVAIL SHORT CIRCUIT CURRENT:** X
FED FROM: SPP6 — **MAIN CIRCUIT BREAKER:** 200A
MOUNTING: SURFACE — **MAIN BUS:** 225A

	LOCATION	P	AMP	LOAD-KVA AØ	LOAD-KVA BØ	LOAD-KVA CØ	LOAD-KVA AØ	LOAD-KVA BØ	LOAD-KVA CØ	AMP	P	LOCATION	
1	RECEPTS: 103	1	20	X			X			20	1	RECEPTS: 103	2
3	RECEPTS: 103	1	20		X			X		20	1	RECEPTS: 103A	4
5	RECEPTS: 103	1	20			X			X	20	1	RECEPTS: 103	6
7	RECEPTS: 103	1	20	X			X			20	1	RECEPTS: 104	8
9	RECEPTS: 105	1	20		X			X		20	1	RECEPTS: AHU-1	10
11	SPARE	1	20			X			X	20	1	SPARE	12
13	SPARE	1	20	X			X			20	1	SPARE	14
15	SPARE	1	20		X			X		20	1	SPARE	16
17	SPARE	1	20			X			X	20	1	SPARE	18
19	SPARE	1	20	X			X			20	1	SPARE	20
21	SPARE	1	20		X			X		20	1	SPARE	22
23	SPARE	1	20			X			X	20	1	SPARE	24
25				X			X			20	1	SPARE	26
27	AHU-1	3	60		X			X		20	1	EF-3	28
29						X			X	20	1	EF-4	30
	TOTAL LOAD			X	X	X	X	X	X				

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK — ANTHONY R. MISSITI — No. 102853 — LICENSED PROFESSIONAL ENGINEER

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	MAY	JBT

SCALE AS NOTED

SHEET TITLE
ELECTRICAL SCHEDULES

PROJECT NUMBER
14426.04

EES
E900
DRAWING NUMBER

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTS, ENGINEERS & LAND SURVEYOR. ANY REUSE OF THESE PLANS AND SPECIFICATIONS FOR ANY PURPOSE OTHER THAN THE ONE INTENDED BY CPL ARCHITECTS, ENGINEERS & LAND SURVEYOR IS PROHIBITED. ANY ALTERATION OF THESE PLANS AND SPECIFICATIONS IN ANY MANNER WHATSOEVER BY ANY PERSON OTHER THAN THE ARCHITECT, ENGINEER OR LAND SURVEYOR OR UNDER THEIR DIRECTION IS PROHIBITED BY LAW. ANY PERSON WHO ALTERS THESE PLANS AND SPECIFICATIONS IS REQUIRED BY LAW TO AFFIX TO ALL COPIES MADE BY HIM OR HER THE LEGEND "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE AND THE DATE OF SUCH ALTERATION. A SPECIFIC DESCRIPTION OF THE ALTERATION SHALL BE INCLUDED WITH THE LEGEND. THE ARCHITECT, ENGINEER OR LAND SURVEYOR WHOSE SEAL APPEARS ON THESE PLANS AND SPECIFICATIONS SHALL NOT BE RESPONSIBLE FOR CHANGES MADE IN THESE PLANS AND SPECIFICATIONS UNLESS HE OR SHE HAS BEEN NOTIFIED OF SUCH CHANGES AND HAS GIVEN WRITTEN APPROVAL OF THE CHANGES. THE ARCHITECT, ENGINEER OR LAND SURVEYOR WILL NOT BE RESPONSIBLE FOR CHANGES MADE IN THESE PLANS AND SPECIFICATIONS UNLESS HE OR SHE HAS BEEN NOTIFIED OF SUCH CHANGES AND HAS GIVEN WRITTEN APPROVAL OF THE CHANGES.

Plotted By: Jeffery Teeter
Date last plotted: 7/21/2022 2:25 PM
Date last accessed: 7/21/2022 2:24 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ELEC\EP\Phase 1\EES-E900.dwg

PLUMBING EQUIPMENT & FIXTURE SCHEDULE

MARK	FIXTURE	CW	HW	SAN	V	DESCRIPTION	MANUFACTURER & MODEL NUMBER	REMARKS
WC-1	WATER CLOSET, ACCESSIBLE	1"	-	4"	2"	FLOOR MOUNTED WATER CLOSET, ELONGATED BOWL SENSOR OPERATED FLUSH VALVE, ACCESSIBLE HEIGHT	ZURN Z5647-BWL ECOVANTAGE HET FLOOR MOUNTED ADA TOILET SYSTEM, SENSOR FLUSH VALVE ZEMS6000AV-MOB-W1	1, 3
LAV-1	LAVATORY, ACCESSIBLE	1/2"	1/2"	1-1/2"	1-1/2"	WALL HUNG LAVATORY, CONCEALED ARM CARRIER, 18"X20-1/2", SENSOR OPERATED FAUCET, MOUNTED AT ACCESSIBLE HEIGHT, TRAPS AND SUPPLIES INSULATED WITH TRUERO BRAND HANDI-LAV GUARD	ZURN Z5340 SERIES LAVATORY, Z6955-XL-S-W2 CONNECTED AQUA-FIT SERIO SERIES 4" CENTERSET BASE BATTERY SENSOR FAUCET	1, 3
LAV-2	LAVATORY, ACCESSIBLE	1/2"	1/2"	1-1/2"	1-1/2"	INTEGRAL BOWL WITH COUNTERTOP PROVIDED BY GENERAL CONTRACTOR, SENSOR OPERATED FAUCET, MOUNTED AT ACCESSIBLE HEIGHT, TRAPS AND SUPPLIES INSULATED WITH TRUERO BRAND HANDI-LAV GUARD	LAVATORY BY G.C. Z6955-XL-S-W2 CONNECTED AQUA-FIT SERIO SERIES 4" CENTERSET BASE BATTERY SENSOR FAUCET	1, 3
FS-1	FLOOR SINK	-	-	4"	2"	12" X 12" X 6" CAST BODY WITH (150) 1/2 GRATE, WHITE ACID RESISTANCE PORCELAIN ENAMEL COATED INTERIOR, ANTI-SPLASH ALUMINUM DOME STRAINER	MIFAB FLOOR SINK FS1730-150	SEE PLANS FOR SIZES
FD-1	FLOOR DRAIN	-	-	-	2"	FLOOR DRAIN, 8" ROUND NICKEL BRONZE STRAINER, CAST IRON BODY, DEEP SEAL P TRAP	JOSAM COMPANY 30000-A	2
RD-1	ROOF DRAIN	-	-	3"	-	ROOF DRAIN, 12" DIA COMBINATION MAIN ROOF AND OVERFLOW DRAIN WITH LOW SILHOUETTE DOMES AND DOUBLE TOP-SET DECK PLATE	ZURN Z164	2
MR-1	MOP RECEPTOR	3/4"	3/4"	3"	1-1/2"	18 GA 300 SERIES STAINLESS STEEL MOP SINK W/ WAINSCOTING, 24X24, 27" HIGH, COMMERCIAL 2 HANDLE WALL MOUNT SERVICE FAUCET IN CHROME,	MOEN 8230, JOHN BOOS MSWC2424-27R	-
BV-1	BALANCE VALVE	-	3/4"	-	-	SELF ACTUATING THERMOSTATIC BALANCING VALVE WITH UNION BODY, BALL VALVES, STRAINER, CHECK VALVE AND THERMOMETER	CIRCUIT SOLVER CSUAS-3/4"-105-CV1-TW	-
GI-1	GREASE INTERCEPTOR	-	-	1-1/2"	1-1/2"	LIFETIME GUARANTEE AND MADE IN THE USA OF SEAMLESS, RATIONALLY MOLDED POLYETHYLENE, WITH RISER TO FINISHED FLOOR, BUILT-IN FLOW CONTROL CARTRIDGE, INTERCEPTOR GREASE CAPACITY SHALL BE 127 @ 50GPM.	SCHIER "GREAT BASIN" GREASE INTERCEPTOR "HYDRO MECHANICAL" MODEL GB-2	SEE DETAIL ON P601
REMARKS:	1. ALL ACCESSIBLE EQUIPMENT/FIXTURES TO BE INSTALLED PER ADA REQUIREMENTS.							
	2. SIZED PER PLAN.							
	3. SENSOR OPERATED VALVES TO BE BATTERY OPERATED.							

1

GENERAL SPECIFICATION NOTES:

A. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODES.

B. DOMESTIC WATER LINES SHALL BE TYPE L COPPER, LEAD FREE JOINTS. INSULATE ALL PIPING WITH PREFORMED FIBERGLASS PIPE INSULATION WITH ASJ COVER SIZED PER ENERGY CODE. ALL FITTINGS AND VALVES TO BE COVERED WITH PREFORMED PVC FITTING COVERS. ALL EXPOSED VERTICAL FIXTURE SUPPLY LINES TO BE COVERED WITH PVC JACKET TO 7' ABOVE FINISHED FLOOR.

C. UNDERGROUND SANITARY AND VENT PIPING SHALL BE SERVICE WEIGHT CAST IRON, HUB AND SPIGOT WITH RUBBER GASKET PUSH JOINTS. ABOVE GROUND SANITARY AND VET PIPING SHALL BE DWV COPPER WITH DWV COPPER FITTINGS OR NO-HUB CAST IRON.

D. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.

E. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION. ANY CEILING SYSTEM COMPONENT DAMAGED DURING DEMOLITION, STORAGE, OR RE-INSTALLATION SHALL BE REPLACED WITH A NEW AT NO EXPENSE TO THE OWNER.

F. ALL PIPING AND CONDUIT PENETRATIONS THRU RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPING.

G. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO PATCH AND FINISH ALL EXISTING PIPE PENETRATIONS AND TRENCHING THRU FLOOR AND WALLS AFTER DEMOLITION. IN ADDITION, ALL NEW PENETRATIONS AND TRENCHING SHALL BE PROVIDED FOR INSTALLATION OF PLUMBING SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, PIPING, ETC.

H. UNLESS OTHERWISE INDICATED ON PLANS, PROVIDE WATER HAMMER ARRESTORS ON BRANCH PIPING TO EACH TOILET ROOM, LAUNDRY ROOM, SOLENOID VALVE, OR AS OTHERWISE REQUIRED BY CODE.

PIPING LEGEND

XX	PIPING
XX	PIPING BELOW GRADE
XX	EXISTING PIPING
CW	COLD WATER
HW	HOT WATER
HWR	HOT WATER RECIRCULATING
SAN	SANITARY SEWER
AW	ACID WASTE
IW	INDIRECT WASTE
ST	STORM SEWER
RDL	RAIN LEADER
ORD	OVERFLOW ROOF DRAIN
RD	ROOF DRAIN
CA	COMPRESSED AIR
LA	LABORATORY COMPRESSED AIR
MA	MEDICAL COMPRESSED AIR
CL	CHLORINATED WATER
DE	DEIONIZED WATER
DI	DISTILLED WATER
SW	SOFT WATER
DWS	CHILLED DRINKING WATER SUPPLY
DWR	CHILLED DRINKING WATER RECIRCULATING
LS	LAWN SPRINKLER SUPPLY
DF	DIESEL FUEL
FILL	FILL LINE
FOF	FUEL OIL FILL
FOG	FUEL OIL GAUGE
FOS	FUEL OIL SUPPLY
FOR	FUEL OIL RETURN
LO	LUBRICATING OIL
WO	WASTE OIL
G	GAS - LOW PRESSURE
MG	GAS - MEDIUM PRESSURE
HG	GAS - HIGH PRESSURE
LPG	LIQUEFIED PROPANE GAS
NLG	NON-LEADED GASOLINE
PG	PREMIUM GASOLINE
RG	REGULAR GASOLINE
H	HUMIDIFICATION LINE
O2	OXYGEN
LO2	LIQUID OXYGEN
N2	NITROGEN
N2O	NITROUS OXIDE
CO2	CARBON DIOXIDE
VA	VACUUM
VPD	VACUUM PUMP DISCHARGE
MV	MEDICAL VACUUM
LV	LABORATORY VACUUM
WVC	WET VACUUM CLEANING
DVC	DRY VACUUM CLEANING
SP	FIRE PROTECTION/SPRINKLER
V	VENT
AV	ACID WASTE VENT
GV	GAS VENT
FOV	FUEL OIL VENT
WOV	WASTE OIL VENT
	PLUMBING TO BE REMOVED

FIXTURES & FITTINGS LEGEND

	TEE OUTLET - UP
	TEE OUTLET - DOWN
	CONNECTION - BOTTOM
	CONNECTION - TOP
	ELBOW - TURNED UP
	ELBOW - TURNED DOWN
	PIPE CAP
	UNION
	FLANGE
	BALL VALVE
TM	BALL VALVE WITH MEMORY STOP
	BALANCING VALVE
	CHECK VALVE
	BUTTERFLY VALVE
	CONTROL VALVE, PNEUMATIC 2-WAY
	GATE VALVE
	GLOBE VALVE
	PLUG VALVE
P	PRESSURE RELIEF VALVE
TP	TEMPERATURE-PRESSURE RELIEF VALVE
	PRESSURE REDUCING VALVE
	COMBINATION VALVE (ISOLATION, CHECK, BALANCING)
M	MOTOR OPERATED VALVE
S	SOLENOID OPERATED VALVE
	GAS PRESSURE REGULATOR
	REDUCER, CONCENTRIC
	REDUCER, ECCENTRIC
CO	CLEAN OUT
FCO	FLOOR CLEAN OUT
WCO	WALL CLEAN OUT
HB	HOSE BIBB
NFHB	NON FREEZE HOSE BIBB
NFWH	NON FREEZE WALL HYDRANT
YH	YARD HYDRANT
FD	FLOOR DRAIN
FFD	FUNNEL FLOOR DRAIN
FS	FLOOR SINK
RD	ROOF DRAIN
	PIPE GUIDE
	PIPE ANCHOR
	FLEXIBLE PIPE CONNECTOR
	EXPANSION JOINT
FS	FLOW SWITCH
PS	PRESSURE SWITCH
AQ	AQUASTAT
	PRESSURE GAUGE
	PRESSURE GAUGE WITH SYPHON (STEAM)
	THERMOMETER
	STRAINER
	STRAINER WITH BLOWOFF
V	VACUUM BREAKER
	INLINE PUMP
A	WATER HAMMER ARRESTER
RPZ	REDUCED PRESSURE ZONE BACK FLOW PREVENTER
DC	DOUBLE CHECK VALVE ASSEMBLY
T	STEAM TRAP
	SHOWER HEAD
O V M	GAS OUTLET (O2, VACUUM, MEDICAL AIR)
	SPRINKLER HEAD
P	POINT OF CONNECTION
R	POINT OF REMOVAL

CPLteam.com
ARCHITECTURE • ENGINEERING • PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION
1	3/21/22	RLA	ADDENDUM NO 3

STATE OF NEW YORK
JASON T. HART
No. 075792
LICENSED PROFESSIONAL ENGINEER

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

SCALE AS NOTED

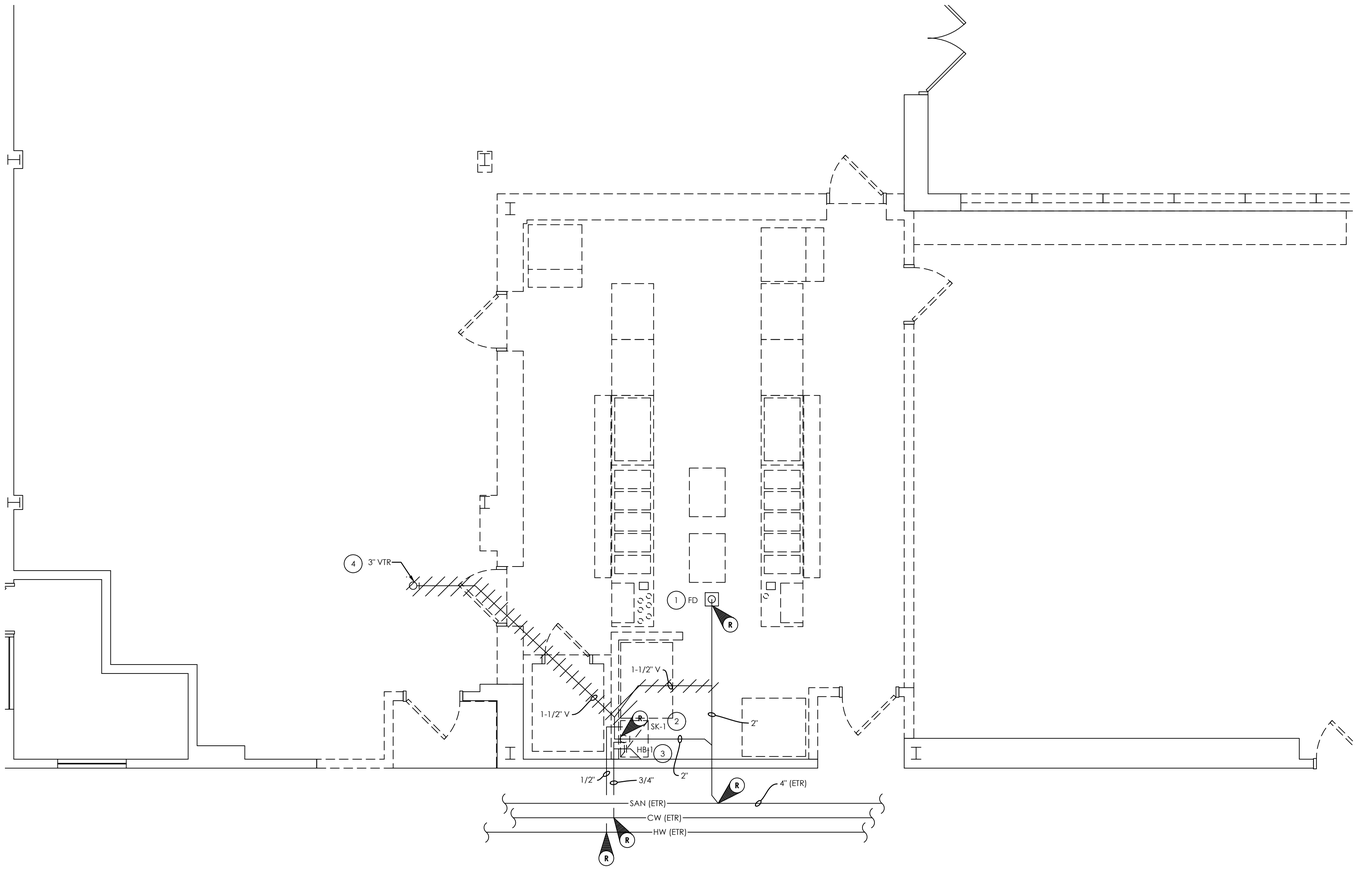
SHEET TITLE
PLUMBING SYMBOLS LIST

PROJECT NUMBER
14426.04

GEN
P000
DRAWING NUMBER

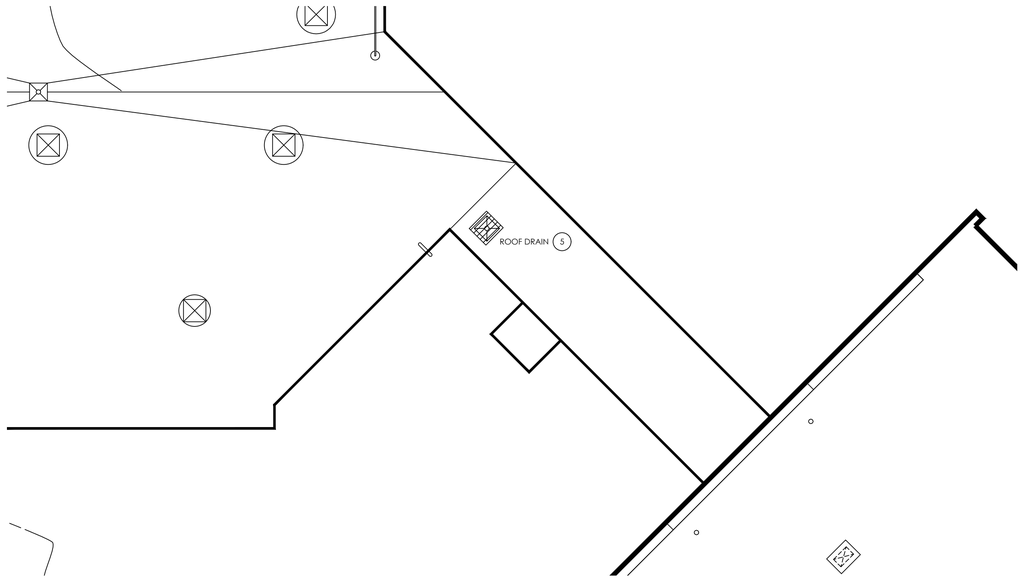
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY AN ARCHITECTURAL DRAWING OR SPECIFICATION. AND IF ANY PERSON ALTERS THIS DRAWING OR SPECIFICATION, HE OR SHE SHALL AFFIX TO THE DRAWING OR SPECIFICATION THE LEGEND "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE AND THE DATE OF SUCH ALTERATION. AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Plotted By: Richard Aliff
Date last plotted: 3/21/2022 8:40 AM
Date last accessed: 3/21/2022 8:18 AM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\PLUM\P0\Phase 1\P000.dwg



1 P101 ELEMENTARY SCHOOL KITCHEN PLUMBING DEMOLITION

SCALE: 1/4" = 1'-0"



2 P101 ELEMENTARY SCHOOL ROOF PLUMBING DEMOLITION

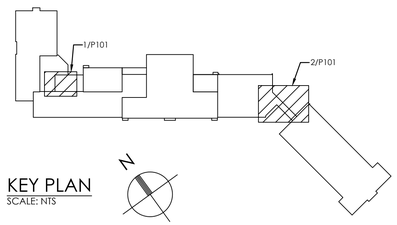
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. FIELD VERIFY PIPE SIZES AND LOCATIONS PRIOR TO DEMOLITION.

KEY NOTES:

1. REMOVE EXISTING FLOOR DRAIN IN ITS ENTIRETY AND CAP SANITARY PIPING BELOW GRADE. PATCH HOLES IN FLOOR WHERE PIPES REMOVED, COORDINATE WITH G.C.
2. REMOVE EXISTING SINK IN ITS ENTIRETY AND CAP SANITARY BELOW GRADE ,AND REMOVE DOMESTIC PIPING BACK TO MAIN IN PIPE TUNNEL. PATCH HOLES IN FLOOR/WALL WHERE PIPES REMOVED, COORDINATE WITH G.C. REMOVE VENT PIPING BACK TO VENT THROUGH ROOF.
3. REMOVE EXISTING HOSE BIB AND COLD WATER PIPING BACK TO MAIN IN PIPE TUNNEL BELOW CORRIDOR. PATCH HOLES IN FLOOR WHERE PIPES REMOVED, COORDINATE WITH G.C.
4. REMOVE EXISTING VENT THROUGH ROOF. PATCH OPENING WITH LIKE CONSTRUCTION. MAINTAIN ALL EXISTING ROOF WARRANTIES.
5. DISCONNECT EXISTING ROOF DRAIN TO ACCOMMODATE NEW ROOF WORK AND ROOF SUPPORTS. SAVE FOR REINSTALLATION. COORDINATE WITH G.C.



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	BKM	AS

SCALE AS NOTED

SHEET TITLE
EXISTING KITCHEN PLUMBING DEMOLITION PLAN

PROJECT NUMBER
14426.04

EES
P101
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\PLUM\P1\PHASE 1\EES P101.dwg
Date last accessed: 7/21/2022 1:28 PM
Date last plotted: 7/21/2022 2:43 PM
Plotted By: Jack Blazek

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\PLUM\P2\Phase 1\EES P201.dwg
Date last accessed: 3/21/2022 8:12 AM
Date last plotted: 3/21/2022 8:36 AM
Plotted By: Richard Aliff

GENERAL NOTES:

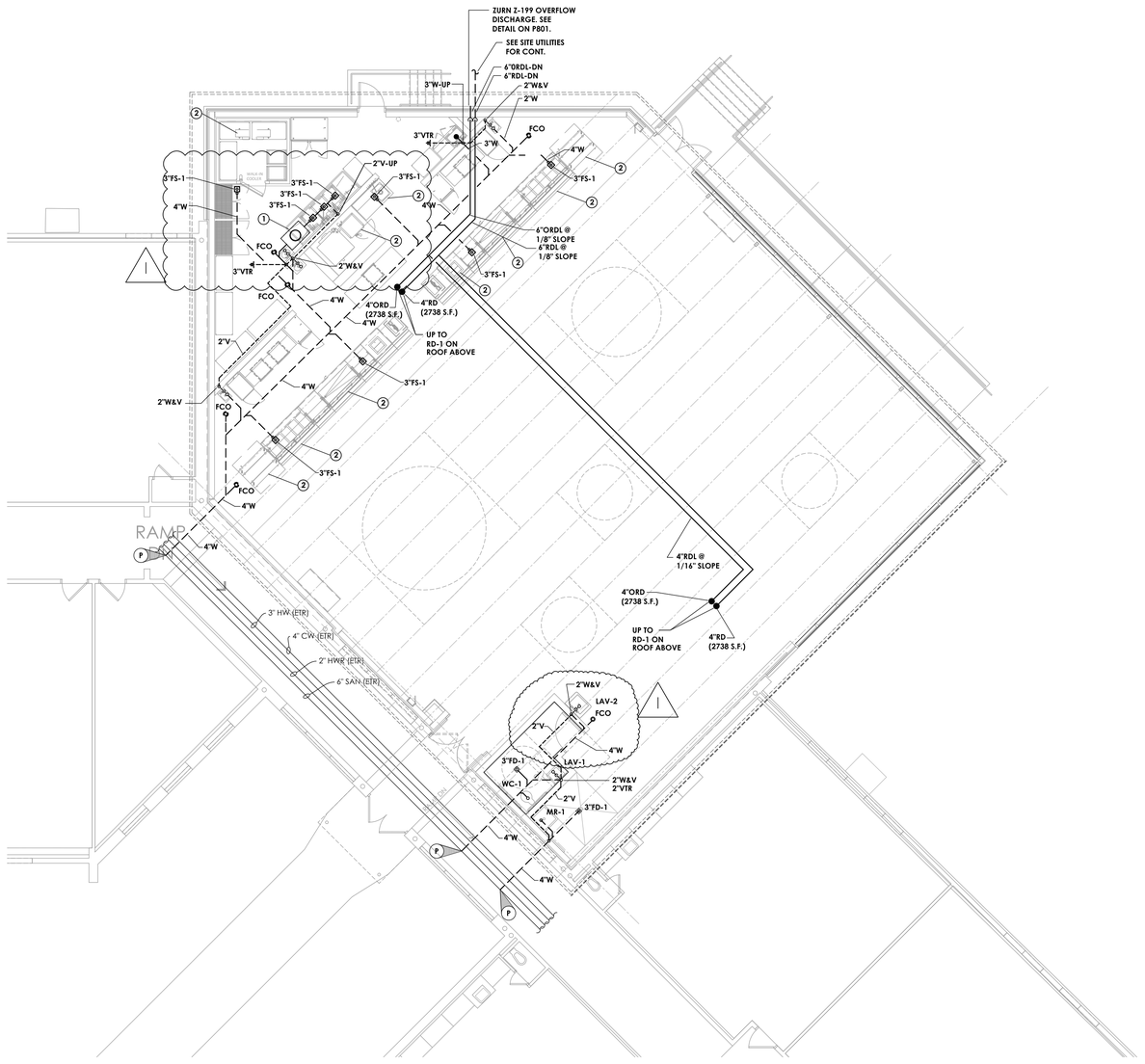
1. ALL WORK SHALL COMPLY WITH LOCAL AUTHORITY HAVING JURISDICTION.
2. PROVIDE INDIRECT DRAIN PIPING TO FLOOR SINKS. SEE KITCHEN EQUIPMENT SCHEDULE FOR PIPE SIZES.
3. PROVIDE MIN. WASTE PIPING SLOPES TO COMPLY WITH LOCAL REQUIREMENTS.
4. COORDINATE ALL PLUMBING SYSTEM REQUIREMENTS WITH THE KITCHEN EQUIPMENT VENDOR & GENERAL CONTRACTOR.

KEY NOTES:

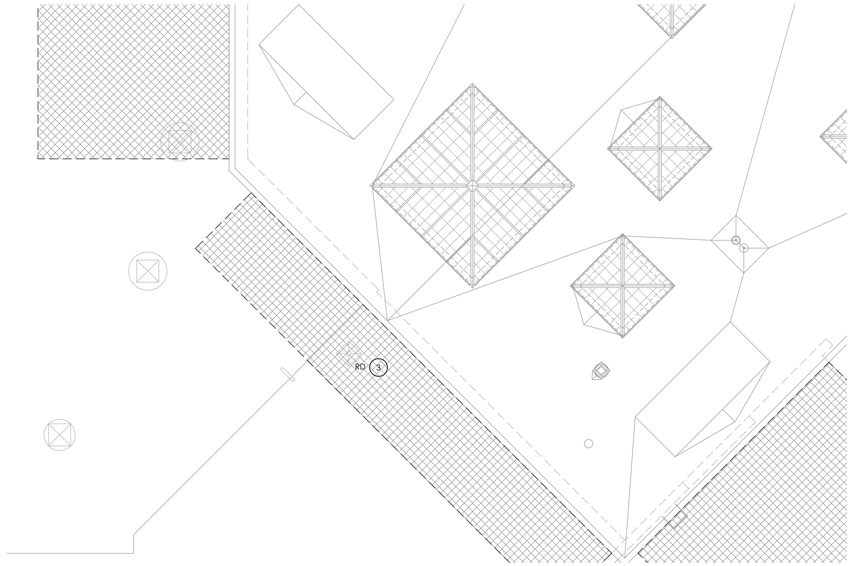
(1) GREASE INTERCEPTOR (GI-1). SEE DETAILS ON P801. COORDINATE LOCATION WITH STRUCTURAL FOOTING.

(2) ROUTE INDIRECT DRAIN TO CLOSEST 3"FS-1 SEE KITCHEN VENDOR EQUIPMENT SCHEDULE FOR SIZES.

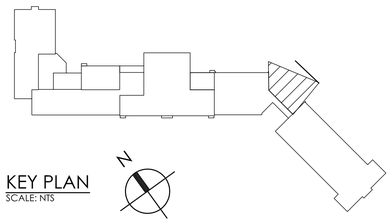
(3) REINSTALL EXISTING ROOF DRAIN. IN SAME LOCATION. RECONNECT EXISTING PIPING. MODIFY PIPING AS NECESSARY TO ACCOMMODATE NEW ROOF SUPPORTS. MAINTAIN ALL ROOF WARRANTIES. COORDINATE WITH G.C.



1 P201 **ELEMENTARY SCHOOL CAFETERIA ADDITION**
SCALE: 1/8" = 1'-0"



2 P201 **ELEMENTARY SCHOOL CAFETERIA ROOF PLAN**
SCALE: 1/8" = 1'-0"



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE • ENGINEERING • PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION
1	3/21/22	RLA	ADDENDUM NO. 3

STATE OF NEW YORK — JARED R. HART — No. 075790 — LICENSED PROFESSIONAL ENGINEER

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	XXX	XXX

SCALE AS NOTED

SHEET TITLE
ES CAFETERIA ADDITION
PLUMBING NEW WORK
PLANS - SANITARY AND
STORM DRAINAGE

PROJECT NUMBER
14426.04

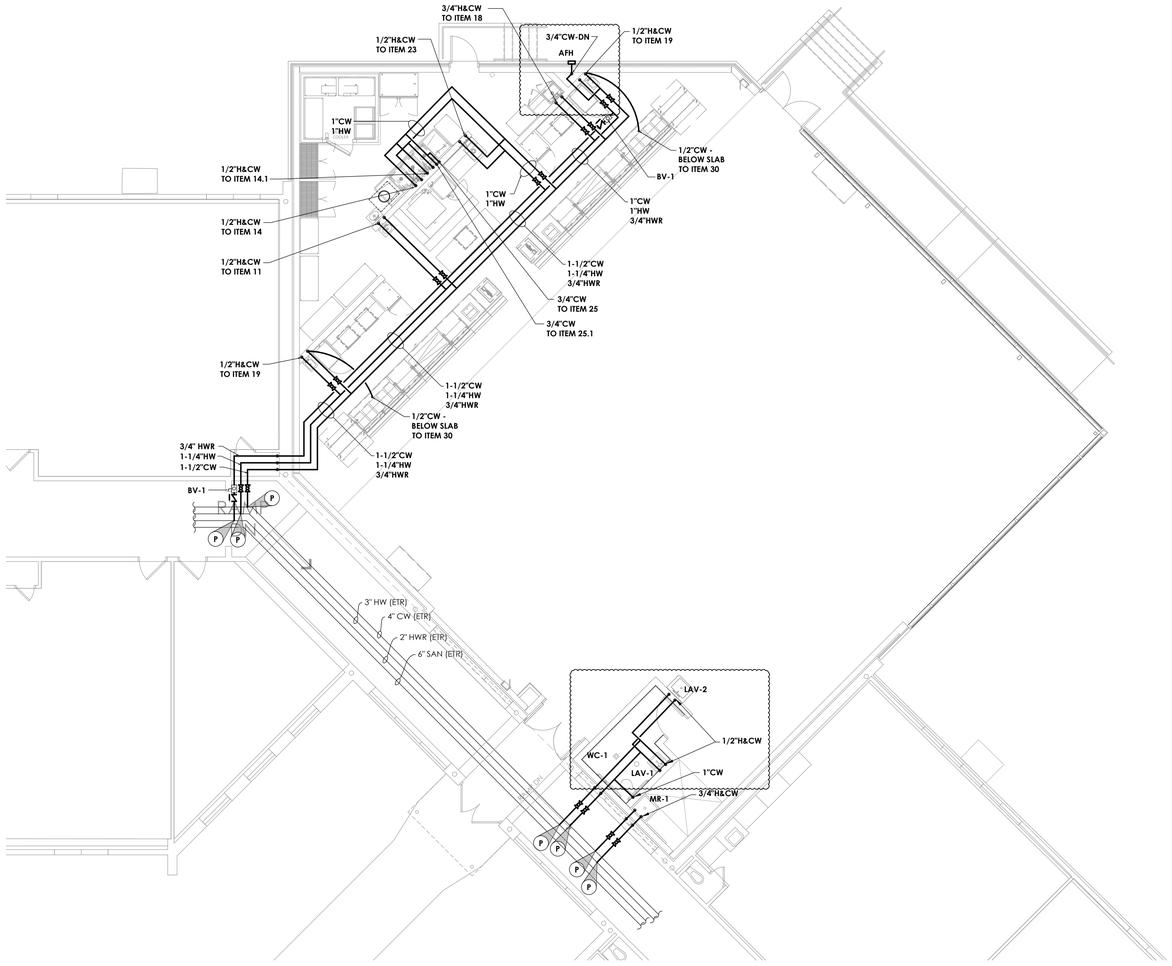
EES
P201
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM A SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

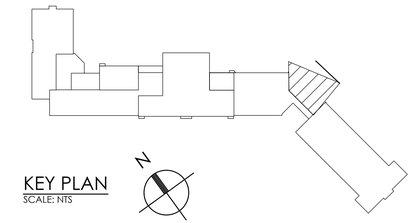
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\PLUM\P3\Phase 1\EES P301.dwg
Date last accessed: 1/13/2022 2:49 PM
Date last plotted: 1/13/2022 2:51 PM
Plotted By: Richard Aliff

GENERAL NOTES:

1. ALL WORK SHALL COMPLY WITH LOCAL AUTHORITY HAVING JURISDICTION.
2. PROVIDE BACKFLOW DEVICES AT EQUIPMENT PER LOCAL REQUIREMENTS. INCLUDING INSTALLATION REQUIREMENTS.
3. PROVIDE TEMPERATURE MIXING VALVES AT EACH HAND SINK IF THE SERVICE TEMPERATURE EXCEEDS 110 F FROM THE SUPPLY LINES.
4. PROVIDE SHOCK / WATER HAMMER ARRESTOR AT THE TOP OF EACH COLD & HOT WATER DROP AT EACH LOCATION.
5. COORDINATE ALL PLUMBING SYSTEM REQUIREMENTS WITH THE KITCHEN EQUIPMENT VENDOR & ALL OTHER APPLICABLE TRADES.



1 / P301 **ELEMENTARY SCHOOL CAFETERIA ADDITION**
SCALE: 1/8" = 1'-0"



KEY PLAN
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	XXX	XXX

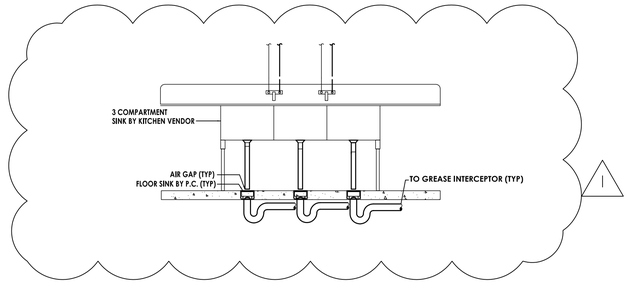
SCALE: AS NOTED

SHEET TITLE
ES CAFETERIA ADDITION
PLUMBING NEW WORK
PLANS - DOMESTIC
WATER

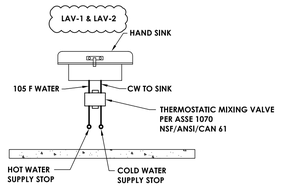
PROJECT NUMBER
14426.04

EES
P301
DRAWING NUMBER

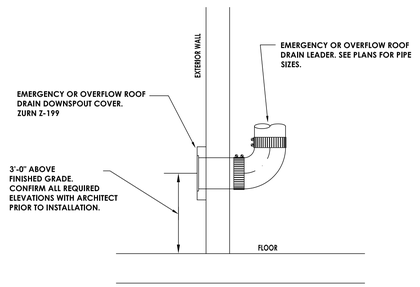
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



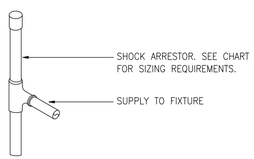
4 P801 **3-COMPARTMENT SINK SCHEMATIC**
SCALE: NONE



5 P801 **HAND SINK MIXING VALVE**
SCALE: NONE



6 P801 **OVERFLOW ROOF DRAIN DISCHARGE**
SCALE: NONE



SHOCK ARRESTOR SCHEDULE		
P.D.I. SIZE	FIXTURE UNITS	MANUFACTURER OR EQUAL
'A'	1 – 11	ZURN, JOSAM, SMITH, PPI, INC.
'B'	12 – 32	"
'C'	33 – 60	"
'D'	61 – 113	"
GOOD PLUMBING PRACTICES REQUIRE INSTALLATION OF SHOCK ARRESTORS THROUGHOUT BUIDLING ADDITION AND AREA OF RENOVATION.		

PROVIDE AT ALL KITCHEN EQUIPMENT DROPS FOR HOT AND COLD WATER

7 P801 **WATER HAMMER SCHEDULE**
SCALE: NONE

TEST REPORT

5001 East Philadelphia Street
Ontario, California – USA 91761-2816
Ph: 909.472.4100 I Fax: 909.472.4243
http://www.iapmorf.org

Report Number: **1757-16008-002**

Report Issued: March 3th, 2016

Client: Schier Products
9500 Woodend Rd.
Edwardsville, KS 66111
Project Number: 26020
Contact: Charlie Ismert

Source of Samples: Samples were manufactured at the client's facility in Edwardsville, KS and witnessed tested by Dale E. Holloway of IAPMO R&T Lab. Samples are manufactured in good condition.

Date of Testing: March 1st, 2016

Sample Description: Grease Interceptor.

Model: **GB-2 (50 gpm)**

Refer to the manufacturer's drawings and installation instructions for more detailed measurements and information.

Scope of Testing: The above grease interceptor was witnessed tested to meet the requirements of ASME A112.14.3-2000 (Reaffirmed 2004) "Grease Interceptors" and CSA B481.1-12 "Testing and rating of grease interceptors using lard".

.

Conclusion: **The "GB-2 (50 gpm)" Grease Interceptor DID COMPLY with the requirements of ASME A112.14.3-2000 (Reaffirmed 2004) for "Grease Interceptors" and CSA B481.1-12 "Testing and rating of grease interceptors using lard".**

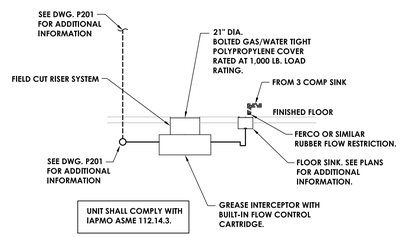
By the signature below, I certify that **all** the testing and preparation for this report was performed under direct supervision of IAPMO R&T Lab, unless otherwise stated.

Witness tested and reported by,

Dale E. Holloway, Regional Technical Manager
IAPMO R&T Lab

All testing and sample preparation for this report was performed under the continuous, direct supervision of IAPMO R&T Lab, unless otherwise stated. The observations, test results and conclusions in this report apply only to the specific samples tested and are not indicative of the quality or performance of similar or identical products. Only the Client shown above is authorized to copy or distribute the report, and then only in its entirety. Any use of the IAPMO R&T Lab name for the sale or advertisement of the tested material, product or service must first be approved in writing by IAPMO R&T Lab.

1 P801 **GREASE INTERCEPTOR APPROVAL TESTING**
SCALE: NONE



2 P801 **GREASE INTERCEPTOR DIAGRAM**
SCALE: NONE

GREASE INTERCEPTOR SIZING					
EQUIP DESCRIPTION	EQUIP. NUM.	QTY.	PDI GPM	X" x Y" x Z" = C.I. /231 GAL. X 0.75 = GPM	GPM TOTAL
3-COMP SINK	1	1	---	20"x28"x18"x3 =10,080/231 x 0.75	98.18
				TOTAL	98.18
				GPM TOTAL FOR 2 MINUTE RETENTION TIME	49.09
				MINIMUN GREASE CAPACITY IN GALLONS	49.09

3 P801 **GREASE INTERCEPTOR PDI SIZING**
SCALE: NONE

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	3/21/22	RLA	ADDEDUM NO. 3

STATE OF NEW YORK — DAVID R. HART — No. 075790 — LICENSED PROFESSIONAL ENGINEER

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #42-20-02-06-0-008-010

DATE	DRAWN	CHECKED
05/04/2021	XXX	XXX

SCALE AS NOTED

SHEET TITLE
ES CAFETERIA ADDITION
PLUMBING DETAILS

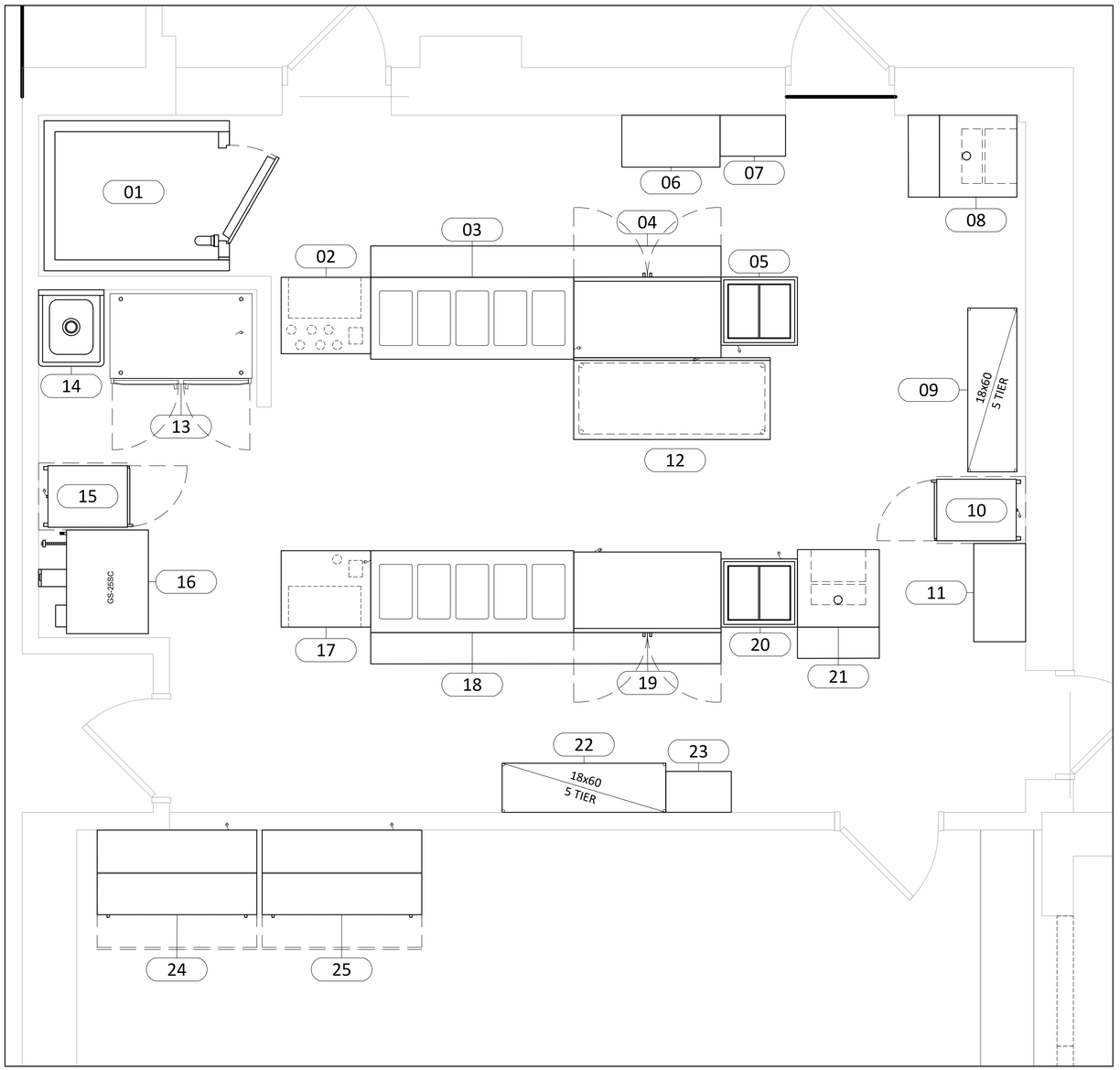
PROJECT NUMBER
14426.04

EES
P801
DRAWING NUMBER

THIS DRAWING AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF SERVICE, IS THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING AND WAS CREATED FOR USE SOLELY WITH RESPECT TO THIS PROJECT. ALL COPYRIGHTS AND OTHER PROPERTY RIGHTS ARE RESERVED BY CPL. ANY REPRODUCTION, UNAUTHORIZED USE OR DISCLOSURE WITHOUT THE WRITTEN CONSENT OF CPL IS STRICTLY PROHIBITED. ANY AUTHORIZED REPRODUCTION SHALL BEAR THIS NOTICE AND THE NAME OF CPL. VISUAL CONTACT WITH THESE PLANS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF ANY PERSON ALTERS THIS DRAWING IN ANY WAY, HE/SHE SHALL AFFIX TO THE DRAWING, ALONG WITH THE DESCRIPTION OF THE ALTERATION, HIS/HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Plotted By: Richard Aliff
Date last plotted: 3/21/2022 8:30 AM
Date last accessed: 3/21/2022 8:19 AM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\PLUM\P8\EES P801.dwg



EQUIPMENT SCHEDULE			
ITEM NO.	QTY.	DESCRIPTION	EQUIPMENT REMARKS
01	1	WALK–IN COOLER	REMOVE
02	1	TRAY TABLE	REMOVE
03	1	HOT FOOD STATION	REMOVE
04	1	REACH–IN COOLER	SALVAGE
05	1	ICE CREAM CASE	SALVAGE
06	1	UTILITY CABINET	SALVAGE
07	1	CHIP RACK	SALVAGE
08	1	CASHIER STATION	REMOVE
09	1	STORAGE RACK	SALVAGE
10	1	HEATED CABINET	RELOCATE
11	1	UTILITY CABINET	SALVAGE
12	1	MOBILE WORK TABLE	SALVAGE
13	1	REACH–IN REFRIGERATOR	SALVAGE
14	1	SINGLE COMPARTMENT SINK	REMOVE
15	1	HEATED CABINET	RELOCATE
16	1	DOUBLE CONVECTION OVEN	REMOVE
17	1	TRAY TABLE	REMOVE
18	1	HOT FOOD STATION	REMOVE
19	1	REACH–IN COOLER	SALVAGE
20	1	ICE CREAM CASE	SALVAGE
21	1	CASHIER STATION	REMOVE
22	1	STORAGE RACK	SALVAGE
23	1	CHIP RACK	SALVAGE
24	1	MILK COOLER	SALVAGE
25	1	MILK COOLER	SALVAGE

RELOCATE, SALVAGE OR REMOVE ALL EXISTING FOODSERVICE EQUIPMENT

"RELOCATE" = RELOCATE EQUIPMENT PER THE PLANS AND SPECIFICATIONS

"SALVAGE" = TURN OVER THE EQUIPMENT TO THE OWNER AND DELIVER TO DESIGNATED LOCATION

"REMOVE" = REMOVE AND DISPOSE OF THE EQUIPMENT

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

FSDS FOOD SERVICE DESIGN STUDIO
(315) 498-9446
www.teamfsds.com

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
07/28/2022	NRS	JW

SCALE 1/4" = 1' - 0"

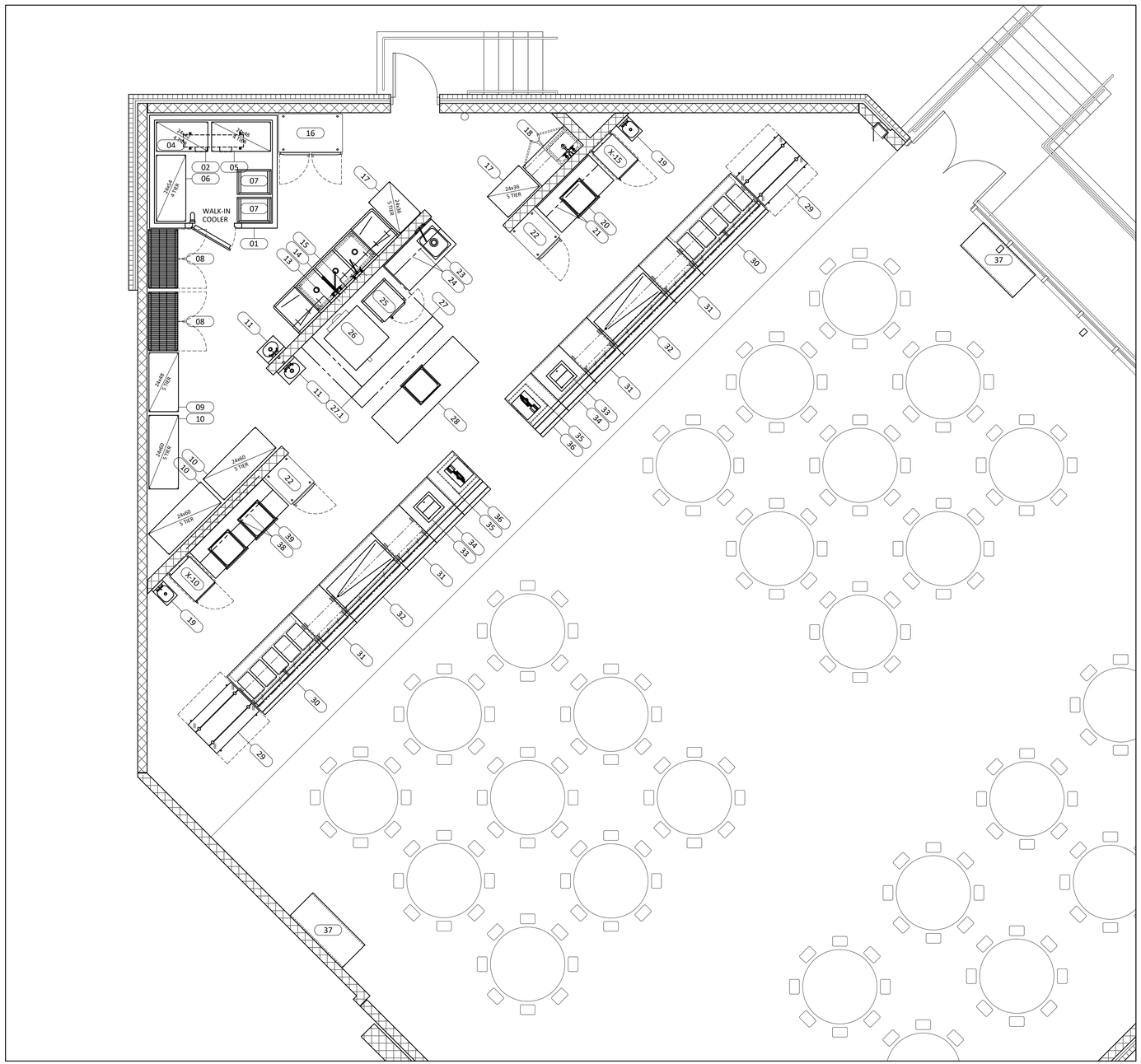
SHEET TITLE
EXISTING FOODSERVICE PLAN

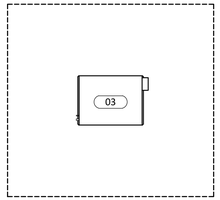
PROJECT NUMBER
14426.04

EES
FS100
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: C:\Users\Melanie Corsi\Dropbox (Corsi & Associates)\20-074-CPL Ellenville Elementary School\Current Project Set\FS-0_20-074_Ellenville Elementary.dwg Date last accessed: 4/7/2021 9:18 AM Date last plotted: 4/7/2021 9:18 AM Plotted By: Melanie Corsi





ARCHITECT TO VERIFY LOCATION FOR REMOTE OUTDOOR CONDENSING UNITS ON ROOF; REFER TO ARCHITECTURAL DRAWING & ASSOCIATED DRAWINGS & SPECIFICATIONS FOR ROOF CURB SIZE, LOCATION & CONSTRUCTION

EQUIPMENT SCHEDULE

ITEM NO.	QTY.	DESCRIPTION	EQUIPMENT REMARKS
01	1	WALK–IN COOLER	NEW
02	1	EVAPORATOR COIL, WALK–IN COOLER	NEW
03	1	CONDENSING UNIT, WALK–IN COOLER	NEW
04	1	WALK–IN SHELVING	NEW
05	1	WALK–IN SHELVING	NEW
06	1	WALK–IN SHELVING	NEW
07	2	DOLLY, MILK CRATE	NEW
08	2	MOBILE CAGED STORAGE	NEW
09	1	MOBILE STORAGE SHELVING	NEW
10	3	MOBILE STORAGE SHELVING	NEW
11	2	SINK, HAND, WALL MOUNT	NEW
12	–	SPARE	NEW
13	1	LOUVERED WALL SHELF	NEW
14	1	3–COMPARTMENT SINK	NEW
15	1	LOUVERED WALL SHELF	NEW
16	1	FREEZER, REACH–IN	NEW
17	2	MOBILE STORAGE SHELVING	NEW
18	1	MOP SINK STORAGE CABINET	NEW
19	2	SINK, HAND, WALL MOUNT	NEW
20	1	WORK TABLE	NEW
21	1	SHELVING, WALL	NEW
22	2	REFRIGERATOR, REACH–IN	NEW
23	1	WORK TABLE	NEW
24	1	SHELVING, WALL	NEW
25	1	DOUBLE STEAMER	NEW
26	1	DOUBLE CONVECTION OVEN	NEW
27	1	EXHAUST HOOD	NEW
27.1	1	FIRE SUPPRESSION SYSTEM	NEW
28	1	WORK TABLE	NEW
29	2	MILK COOLER	NEW
30	2	HOT FOOD COUNTER	NEW
31	4	UTILITY COUNTER	NEW
32	2	COLD FOOD COUNTER	NEW
33	2	ICE CREAM UNIT	NEW
34	2	UTILITY COUNTER	NEW
35	2	P.O.S. WITH PRINTER	N.I.C. – BY OTHERS
36	2	CASHIER STATION	NEW
37	2	CONDIMENT COUNTER	NEW
38	1	SHELVING, WALL	NEW
39	1	WORK TABLE	NEW
X–10	1	HEATING CABINET	EXISTING; RELOCATE
X–15	1	HEATING CABINET	EXISTING; RELOCATE

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

FOOD SERVICE DESIGN STUDIOS
FSDS
(315) 498-9446
www.teamfsds.com

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
07/28/2022	NRS	JW

SCALE 1/4" = 1' - 0"

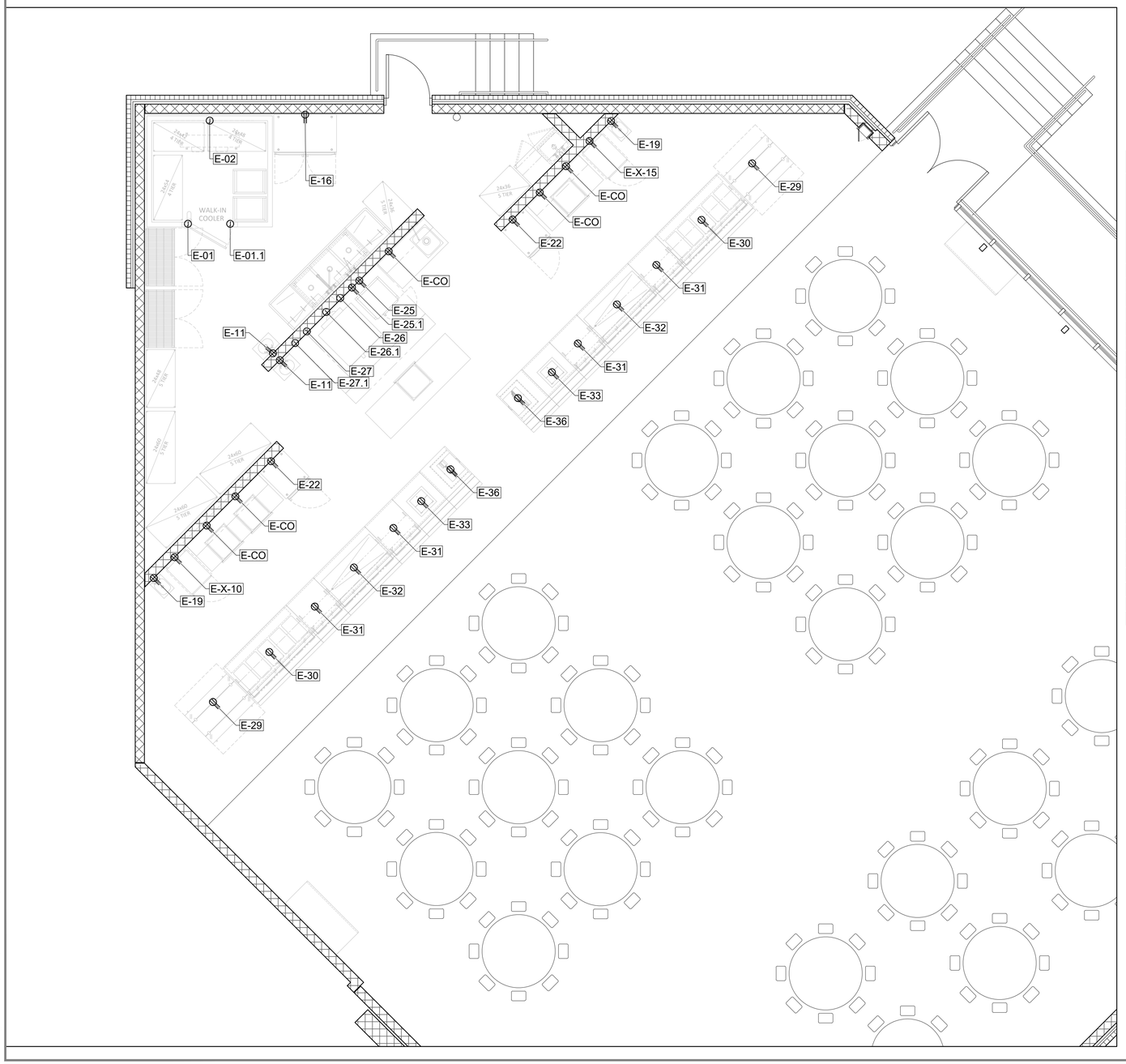
SHEET TITLE
FOODSERVICE PLAN

PROJECT NUMBER
14426.04

EES
FS101
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE ORIGINAL SEAL AND THE NOTATION "ALTERED" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: C:\Users\Melanie Corsi\Dropbox (Corsi & Associates)\20-074-CPL Ellenville Elementary School\Current Project Set\FS-1_20-074_Ellenville Elementary.dwg
Date last accessed: 4/7/2021 9:14 AM
Date last plotted: 4/7/2021 9:15 AM
Plotted By: Melanie Corsi

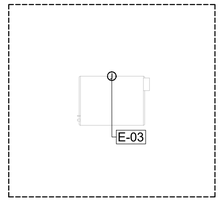


ELECTRICAL SCHEDULE

ITEM NO.	DESCRIPTION	AMPS	KW	HP	VOLTS	PHASE	DIRECT	PLUG	NEMA	CONN. HT AFF (IN.)	ELECTRICAL REMARKS
E-01	WALK-IN COOLER	3.4			120	1		X	5-15P	DFA	POWER AIR DOOR
E-01.1	WALK-IN COOLER	10.0			120	1	X			DFA	
E-02	EVAPORATOR COIL, WALK-IN COOLER	0.9			120	1	X			DFA	
E-03	CONDENSING UNIT, WALK-IN COOLER	6.2		3/4	208	3	X			DFA	
E-11	SINK, HAND, WALL MOUNT	1.0			120	1		X	5-15P	24	
E-16	FREEZER, REACH-IN	14.9		3/4	120	1		X	5-20P	48	
E-19	SINK, HAND, WALL MOUNT	1.0			120	1		X	5-15P	24	
E-22	REFRIGERATOR, REACH-IN	6.7		1/3	120	1		X	5-15P	48	
E-25	STEAMER	42.0	15.0		208	3		X	15-50P	24	BOTTOM STEAMER
E-25.1	STEAMER	42.0	15.0		208	3		X	15-50P	48	TOP STEAMER
E-26	OVEN, CONVECTION	31.0		1/2	208	3	X			24	BOTTOM OVEN
E-26.1	OVEN, CONVECTION	31.0		1/2	208	3	X			48	TOP OVEN
E-27	EXHAUST HOOD CONTROL PANEL	15.0			120	1	X			DFA	CONNECT TO CONTROL PANEL,
	EXHAUST FAN	15.0			208	3	X			DFA	THEN UP TO THE FAN
	SUPPLY FAN	15.0			208	3	X			DFA	
E-27.1	ANSUL CABINET	20.0			120	1	X			DFA	
E-29	MILK COOLER	3.7		1/2	120	1		X	5-15P	5	STUB UP CONNECTION
E-30	HOT FOOD COUNTER	21.8			120/208	1		X	L14-30P	5	STUB UP CONNECTION
E-31	UTILITY COUNTER	15.0			120	1		X	5-20P	5	STUB UP CONNECTION
E-32	COLD FOOD COUNTER	7.0			120	1		X	5-15P	5	STUB UP CONNECTION
E-33	ICE CREAM UNIT	2.1			120	1		X	5-15P	5	STUB UP CONNECTION
E-36	CASHIER STATION	20.0			120	1		X	5-50P	6	STUB UP CONNECTION
E-X-10	HEATING CABINET	15.0			120	1		X	5-15P	48	KEC TO VERIFY EXISTING UTILITY INFORMATION
E-X-15	HEATING CABINET	15.0			120	1		X	5-15P	48	KEC TO VERIFY EXISTING UTILITY INFORMATION
E-CO	CONVENIENCE OUTLETS	10.0			120	1		X	5-15P	48	

LEGEND – ELECTRICAL CONNECTIONS

- DR – DUPLEX RECEPTACLE
  REFER TO ELECTRICAL PLAN FOR VALUE
  DFA – DOWN FROM ABOVE
- (J) JB – JUNCTION BOX



ARCHITECT TO VERIFY LOCATION FOR REMOTE OUTDOOR CONDENSING UNITS ON ROOF; REFER TO ARCHITECTURAL DRAWING & ASSOCIATED DRAWINGS & SPECIFICATIONS FOR ROOF CURB SIZE, LOCATION & CONSTRUCTION

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

FSDS
FOOD SERVICE DESIGN STUDIOS
(315) 498-9446
www.teamfsds.com

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
07/28/2022	NRS	JW

SCALE 1/4" = 1' - 0"

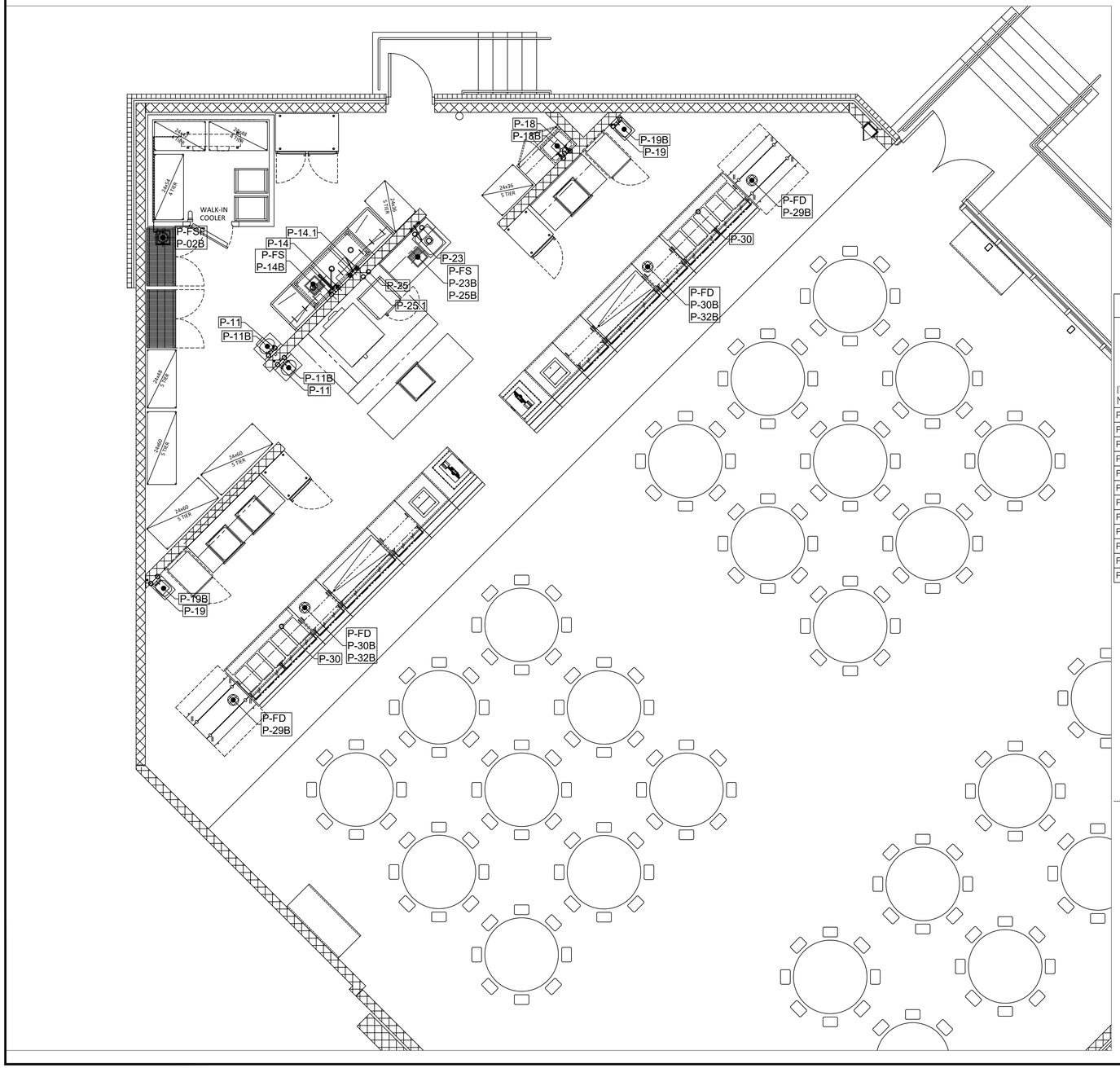
SHEET TITLE
FOODSERVICE ELECTRICAL SCHEDULE

PROJECT NUMBER
14426.04

EES
FS102
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF ALTERED, THE ALTERING ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE DOCUMENT HIS SIGNATURE AND THE DATE OF SUCH ALTERATION.

Drawing Name: C:\Users\Melanie Corsi\Dropbox (Corsi & Associates)\20-074-CPL Ellenville Elementary School\Current Project Set\FS-1_20-074_Ellenville Elementary.dwg
Date last accessed: 4/7/2021 9:14 AM
Date last plotted: 4/7/2021 9:15 AM
Plotted By: Melanie Corsi



PLUMBING SCHEDULE

ITEM NO.	DESCRIPTION	COLD WATER SIZE (IN.)	HOT WATER SIZE (IN.)	WATER CONN. HT. AFF (IN.)	INDIR. DRAIN SIZE (IN.) [B]	DIRECT DRAIN SIZE (IN.) [B]	DIRECT DRAIN HT. AFF (IN.)	PLUMBING REMARKS
P-02	EVAPORATOR COIL				3/4"			
P-11	SINK, HAND, WALL MOUNT	1/2"	1/2"	24"		1 1/2"	20"	
P-14	3-COMPARTMENT SINK	1/2"	1/2"	14"	2"			
P-14.1	3-COMPARTMENT SINK PRE-RINSE	1/2"	1/2"	14"				
P-18	MOP SINK STORAGE CABINET	3/4"	3/4"	36"		3"	IN FLOOR	
P-19	SINK, HAND, WALL MOUNT	1/2"	1/2"	18"		1 1/2"	20"	
P-23	WORK TABLE	1/2"	1/2"	24"	2"			
P-25	STEAMER	3/4"		14"	3/4"			BOTTOM STEAMER
P-25.1	STEAMER	3/4"		36"	3/4"			TOP STEAMER
P-29	MILK COOLER				3/4"			
P-30	HOT FOOD COUNTER	1/2"			1"			
P-32	COLD FOOD COUNTER				1"			

LEGEND – PLUMBING CONNECTIONS

- CW–COLD WATER
- HW–HOT WATER
- WASTE, DIRECT–CONNECTED UNLESS NOTED "OPEN HUB"
- FS–FLOOR SINK WITH HALF GRATE UNLESS NOTED OTHERWISE
- FIELD CONNECTIONS
- FDF–FLOOR DRAIN W/ATTACHED FUNNEL
- FD–FLOOR DRAIN

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

FOOD SERVICE DESIGN STUDIOS
FSDS
(315) 498-9446
www.teamfsds.com

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
07/28/2022	NRS	JW

SCALE 1/4" = 1' - 0"

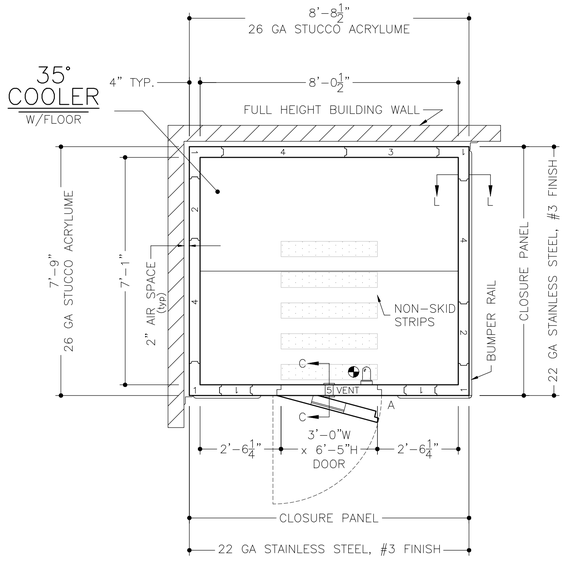
SHEET TITLE
FOODSERVICE PLUMBING SCHEDULE

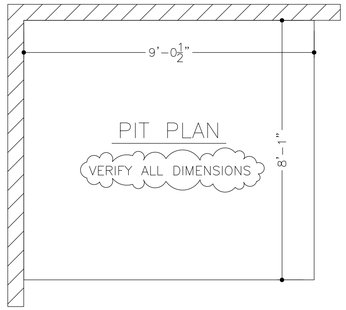
PROJECT NUMBER
14426.04

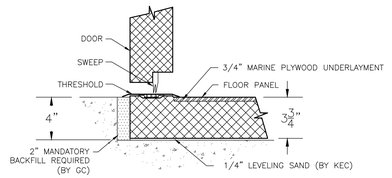
EES
FS103
DRAWING NUMBER

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: C:\Users\Melanie Corsi\Dropbox (Corsi & Associates)\20-074-CPL Ellenville Elementary School\Current Project Set\FS-1_20-074_Ellenville Elementary.dwg
Date last accessed: 4/7/2021 9:14 AM
Date last plotted: 4/7/2021 9:16 AM
Plotted By: Melanie Corsi

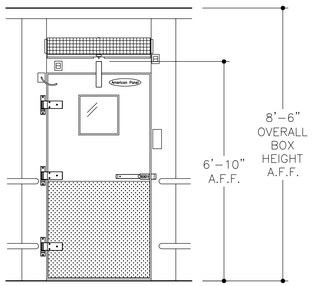




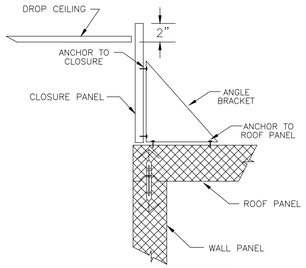


SECTION C – C

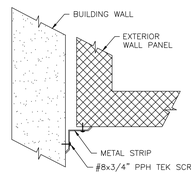
COOLER/FREEZER GENERAL SPECIFICATIONS	
FINISHES	INTERIOR WALLS: WHITE STUCCO ALUMINUM INTERIOR CEILING: WHITE STUCCO ALUMINUM EXPOSED EXTERIOR: BEADED STAINLESS STEEL UNEXPOSED EXTERIOR: STANDARD FINISH
PANELS	ALL FOAMED PANELS ARE 4"
FLOOR	CONSTRUCTION TYPE: RECESSED FINISH: STAINLESS STEEL
DOOR HARDWARE & ACCESSORIES	3 HINGES PER DOOR HYDRAULIC DOOR CLOSURE FRAME HEATER PRESSURE RELIEF VENTS 14 x14" HEATED VISION WINDOW VAPOR PROOF INCANDESCENT LIGHT FIXTURE CONTROL/MONITOR SYSTEM 36"H DOOR KICK-PLATE ON EXTERIOR/INTERIOR POWER AIR DOOR PULL TYPE DOOR LATCH WITH CYLINDER LOCK AND SAFETY RELEASE
WALK-IN ACCESSORIES	WALL TRIM CEILING ENCLOSURE TRIM NON-SKID STRIPS FOR FLOOR AISLES LOW TEMPERATURE LED LIGHT FIXTURES DOUBLE RAIL BUMPER RAIL



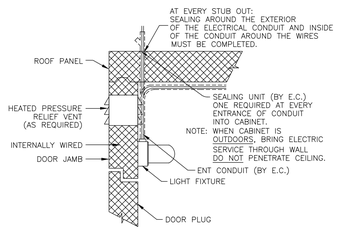
DOOR ELEVATION



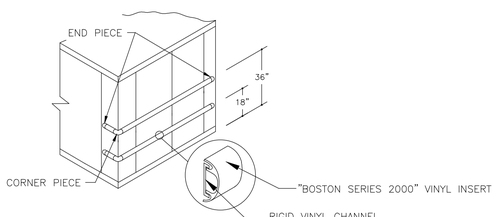
SELF SUPPORTING CLOSURE PANEL ABOVE WALK-IN



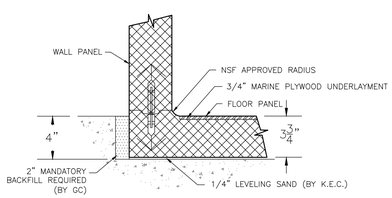
TRIM ANGLE
DETAIL #2



DOOR ELECTRICAL CONNECTION



BUMPER RAIL
TWO-TIER



SECTION L – L

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

FSDS
(315) 498-9446
www.teamfsds.com

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
07/28/2022	NRS	JW

SCALE 1/4" = 1' - 0"

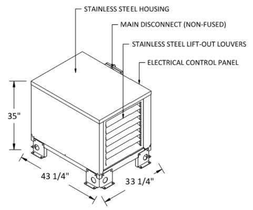
SHEET TITLE
WALK-IN DRAWINGS

PROJECT NUMBER
14426.04

FS104
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR. IF ANY ITEM IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

MODEL NO. ZS1-01Z-CT3-AST OUTDOOR AIR COOLED REFRIGERATION SYSTEM
ITEM NO. 03



NOTE:
- CRANKCASE HEATER
- FAN CYCLING SWITCH
- HEATED AND INSULATED RECEIVER
- HEADMASTER CONTROLS

RACK WEIGHT: 250 LBS.

ENGINEERING SUMMARY

POWER SUPPLY: 208-230/60/3
CONNECTED LOAD: 6.2 AMPS

MOPD: 15 AMP
MINIMUM CIRCUIT AMPACITY: 7.8

SYSTEM	ITEM #	DESCRIPTION	FIXTURES: TEMP °F FIXT.	FIXTURES: TEMP °F SUCT.	REQ'D FIXTURE BTU/H	REFRIG. R-	CONDENSING UNIT: COMPRESSOR MODEL NO.	H.P.	RATING @ 60 HZ RLA	V	PH	BTU CAP @ AMB °F 90	TYPE	REC. CAP. (lbs)	CONDENSER
A	01	WALK-IN COOLER	35	25	6426	448A	ZB06KAE	0.8	6.2	208	3	7010	Z	5.8	L1R

EVAPORATOR COILS: ITEM #	MODEL NO.	QTY	FAN MOTORS @ 60 HZ RLA	V	PH	HEATERS @ 60 HZ RLA	V	PH	DEFR. TYPE	DEFROST CONTROLLER TYPE	CONTROLLER QTY	ACCESSORIES TSTAT	SOL. VALVE	EXP. VLV.	REFRIGERANT LINE SIZES (IN) SUCT.	SUCT. LINE RISER	LIQUID	TYPE	LINE RUN (FT)	TOTAL SYSTEM LOAD
02	BEL-0060	1	0.9	115	1				O.C.	ECOSMART	1	F	F	EF	7/8	5/8	3/8	M	100	6.2

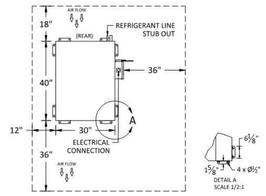
ALL EVAPORATOR COILS WILL REQUIRE A HOUSE POWER SUPPLY

c UL us LISTED

NOTE:
IT IS THE INSTALLING CONTRACTORS RESPONSIBILITY TO FOLLOW ALL APPLICABLE CODES AND CURRENT REFRIGERATION INDUSTRY STANDARDS AND PRACTICES WHEN DETERMINING LINE SIZES, AND INSTALLING AND STARTING UP RDT EQUIPMENT.

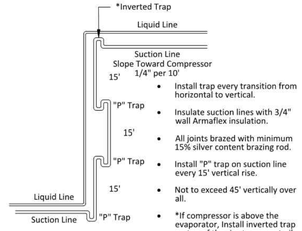
COMPRESSOR TYPE	DEFROST TYPE	LINE TYPE	EVAPORATOR ACCESSORIES
Z SCROLL	O.C. OFF CYCLE	M MAIN - UP TO 100'	EF EEV FACTORY EQUIPPED ON EVAP F FACTORY EQUIPPED ON EVAP

PLANVIEW/ CLEARANCE REQUIREMENTS



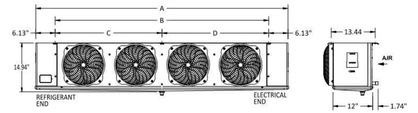
NOTE: MINIMUM CLEARANCE REQUIRED FOR PROPER OPERATION
NOTE: ROOF CURB OR GROUND PAD CAN BE SAME SIZE AS OUTDOOR UNIT

SUCTION LINE VERTICAL RISE DETAIL



- Install trap every transition from horizontal to vertical.
- Insulate suction lines with 3/4" wall Armaflex insulation.
- All joints brazed with minimum 15% silver content brazing rod.
- Install "P" trap on suction line every 15' vertical rise.
- Not to exceed 45' vertically over all.
- *If compressor is above the evaporator, Install inverted trap on top of the rise to prevent oil from seeping down when fixture(s) is turned off.

EVAPORATOR DETAILS - MODEL BEL



AIR DEFROST Size	DIMENSIONS A (Inches)	B (Inches)	C (Inches)	D (Inches)	CONNECTIONS (Inches) Coil Inlet	Suction	Drain	Approx. Net Wt. Lbs.	ELECTRICAL DATA Qty. Motors	EC Motor Fan Amps 115V	208V
060	29-1/2	17-1/4	-	-	1/2 OD	5/8 OD	3/4 MPT	36	1	0.9	0.5

ZS SERIES ENGINEERING SPECIFICATIONS

Multi compressor, outdoor, air cooled. The refrigeration package shall be a pre-engineered and factory-assembled unit, trade name "ZS", as manufactured by Refrigeration Design Technologies, 1808 FM Road 66, P.O. Box 622, Waxahachie, Texas 75168. Phone: (972) 937-3215; Fax: (972) 937-0970.

1. Air-Cooled Refrigeration System
The RDT UL Listed "Air-Cooled" Refrigeration system shall be housed in a weather-protected compact galvanized steel frame. The entire housing shall be brushed stainless steel. The unit shall include an air-cooled aluminum fin copper tube condenser designed to operate at 15 degrees TD. The exterior housing shall feature stainless steel one piece louvers. Lifting points shall be integrated in the framing component. Condenser fan motors shall be mounted within the enclosure. The condenser intake surface shall be protected with stainless steel expanded metal guard to protect against vandalism and hail damage.

Each unit shall be equipped with a ball-bearing fan motor, suction filter, sight glass, liquid filter/drier, liquid line inlet and outlet valve, defrost cycle and high pressure super-hose connections. Each unit shall be equipped with fan cycling controls and/or head pressure regulator where required for low ambient conditions.

Condensing unit shall contain scroll, hermetic, semi-hermetic, and/or discus type compressor(s) assembled to operate with the refrigerant specified for both medium and low temperature applications.

2. Evaporator Coils
A. Evaporator coils shall be direct expansion type fabricated of copper tubes with aluminum fins.
B. All evaporator coils shall be provided with solenoid valve, thermostatic or electronic expansion valve and thermostat.

3. Pre-Piping
All refrigerant lines shall be extended to outside of the housing in a neat and orderly manner. All tubing shall be securely supported and anchored with non-corrosive coated clamps.

All joints must be brazed, not soldered.

All piping and controls shall be factory pressure-tested with dry nitrogen.

4. Control Panel
The package shall have a factory-mounted and pre-wired control panel, with main disconnect (non fused) where required, circuit breakers, contactors wired for single point power connection.

General Information
Contractors shall verify all dimensions onsite and coordinate with other trades.

General contractor shall prepare the platform, curbed openings and weatherproofing the unit after installation.

Refrigeration Contractor
All copper tubing to be refrigerant grade. A.C.R. or type "L".

Brazing should be used for all refrigerant piping. Silver solder or soft solder is not acceptable.

All piping to be pressure tested with nitrogen at 300 psi. After the condensing unit and coil have been connected the balance of the system shall be leak tested with the valves open at 200 psi.

The complete system shall be evacuated with a vacuum pump. Each unit should be charged tested and adjusted to assure operation.

Contractor should provide and install the drain-line heater in freezer. Heater shall be connected by electrical contractor. Seal all penetrations through the walk-in units with foam.

Electrical Contractor
Electrical contractor to provide power for refrigeration package and connect control and defrost system as called for in the wiring diagram.

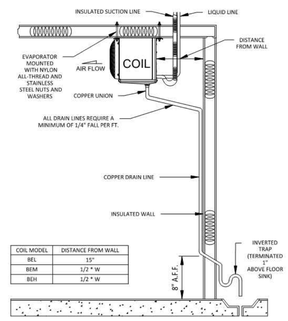
Electrical contractor to connect drain-line heater in the freezer.

All electrical wiring and installation shall be in accordance with the wiring diagram and local codes. Seal all penetrations through the walk-in units with foam.

Plumbing Contractor
Plumbing contractor to provide copper drain lines for walk-in refrigerator and freezer, pitched 1/4" per foot of run. Trap drain-line outside of refrigerated space to avoid entrance of warm, moist air.

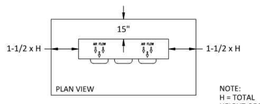
All plumbing installation shall be in accordance with local codes.

EVAPORATOR MOUNTING DETAIL (TYPICAL)



COIL MODEL	DISTANCE FROM WALL
BEL	15"
BEM	1/2 * W
BEH	1/2 * W

EVAPORATOR PLACEMENT & CLEARANCE REQUIREMENTS LOW PROFILE EVAPORATOR COILS (I.E. - BEL)

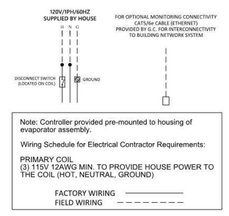


SINGLE EVAPORATOR

NOTE:
H = TOTAL HEIGHT OF THE EVAP. COIL

WIRING DIAGRAM - ECO-SMART - AKOA1AE DEMAND DEFROST CONTROLLER FOR WALK-IN COOLER WITH ONE COIL 115/60/1

ITEM	DESCRIPTION	TOTAL AMPS	VOLTAGE
02	WALK-IN COOLER	0.9	115/1



VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

FSDS FOOD SERVICE DESIGN STUDIOS
(315) 498-9446
www.teamfsds.com

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
07/28/2022	NRS	JW

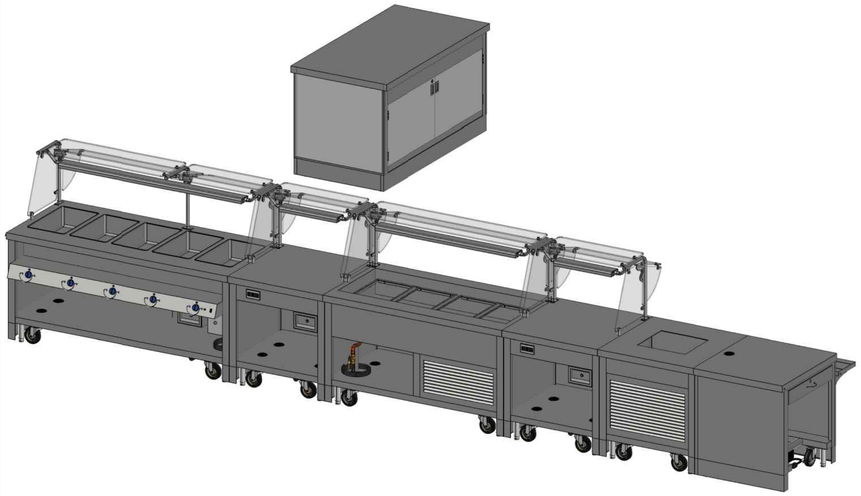
SCALE 1/4" = 1' - 0"

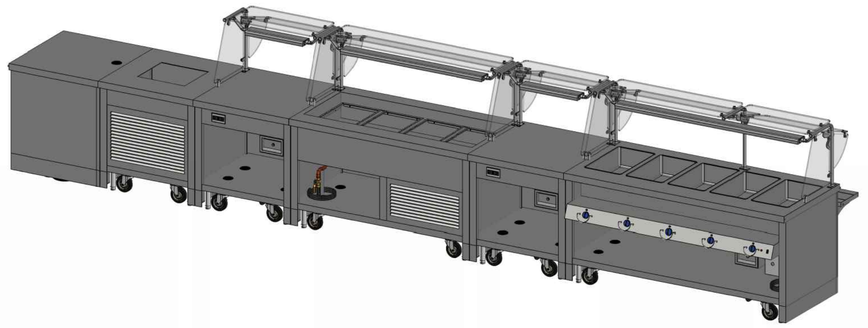
SHEET TITLE
REFRIGERATION DRAWINGS

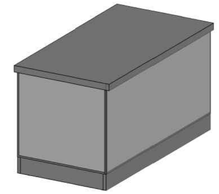
PROJECT NUMBER
14426.04

EES
FS105
DRAWING NUMBER

Drawing Name: C:\Users\Melanie Corsi\Dropbox (Corsi & Associates)\20-074-CPL Ellenville Elementary School\Current Project Set\FS-1_20-074_Ellenville Elementary.dwg
Date last accessed: 4/7/2021 9:14 AM
Date last plotted: 4/7/2021 9:16 AM
Plotted By: Melanie Corsi
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM THE SEAL OF SAID ARCHITECT, ENGINEER OR LAND SURVEYOR AND THE DATE AND A SPECIFIC DESCRIPTION OF THE ALTERATION.







3D VIEWS

SERVING LINE GENERAL SPECIFICATIONS

TOPS	14 GAUGE STAINLESS STEEL TOPS WITH LOCKING DEVICE UNDER BOTH ENDS OF COUNTER TOP
BODIES & INTERIORS	20 GAUGE STAINLESS STEEL BODIES: INTERIOR SHELVES-WHERE SHOWN, LAMINATE EXTERIOR AS INDICATED ON DRAWINGS
CASTERS & LEGS	(4) 5" DIAMETER CASTERS WITH GRAY POLYURETHANE TIRES: ALL SWIVEL & (2) WITH BRAKES, (4) 5" ADJUSTABLE STAINLESS STEEL LEGS
KICKPLATES	HEAVY GAUGE STAINLESS STEEL KICK PLATES LOCATED 1/2" ABOVE FLOOR ON CUSTOMER'S SIDE AS INDICATED ON DRAWING
TRAY SLIDES	16 GAUGE STAINLESS STEEL SOLID TRAY SLIDES WITH (2) DIE FORMED RUBBING TRACKS ON 10 GAUGE STAINLESS STEEL FIXED BRACKETS, TRAY SLIDE INTERLOCKING SYSTEM (MOUNTED AT 28")
HOT FOOD DRAINS	DRAIN MANIFOLD WITH COPPER TUBING TO BRASS MASTER VALVE; EXTEND MASTER VALVE FORWARD, TO INCLUDE HOSE BIB CONNECTION FOR 1/2" DIAMETER HOSE, DRAIN LINE EXTENDED THROUGH CABINET BASE. RECESSED TOP FOR SHEET PANS
COLD FOOD DRAINS	DRAIN EXTENSION TO GLOBE VALVE WITH HOSE BIB CONNECTION FOR 1/2" DIAMETER HOSE, DRAIN LINE EXTENDED THROUGH CABINET BASE
BREATHGUARDS	
SHELVES & FRAMES	STAINLESS STEEL SHELF FRAMES WITH 3/8" TEMPERED GLASS SHELVES OR STAINLESS STEEL TOP
END STANCHIONS & FRAME	END STANCHIONS AND FRAME TO BE POWDER COATED, #21725 "TEXTURED BLACK"
GUARDS	3/8" WITH TEMPERED GLASS PROTECTOR PANELS
END ENCLOSURES	1/4" TEMPERED GLASS END ENCLOSURES
LIGHTS	LED LIGHTS UNDER EACH SHELF, WIRED TO ROCKER SWITCH ON OPERATOR'S SIDE OF CABINET
OPTIONS	• DUPLEX NEMA #5-20R RECEPTACLE MOUNTED IN APRON OF CABINET AS SHOWN ON DRAWINGS • DUPLEX NEMA #5-20R RECEPTACLE MOUNTED IN BASE OF CASHIER UNIT, DATA BOX MOUNTED IN CABINET BASE • WATER FILL FAUCET WITH CONNECTION EXTENDED INTO CABINET BASE. GROMMET THROUGH UNDERSHELF FOR WATER CONNECTION • STAINLESS STEEL DOWN WORK SHELF AS SHOWN ON DRAWINGS • HEAVY GAUGE STAINLESS STEEL KICK PLATES LOCATED 1/2" ABOVE FLOOR ON CUSTOMER'S SIDE AS INDICATED ON DRAWING

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

FSDS
FOOD SERVICE DESIGN STUDIOS
(315) 498-9446
www.teamfsds.com

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES; SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
07/28/2022	NRS	JW

SCALE 1/4" = 1' - 0"

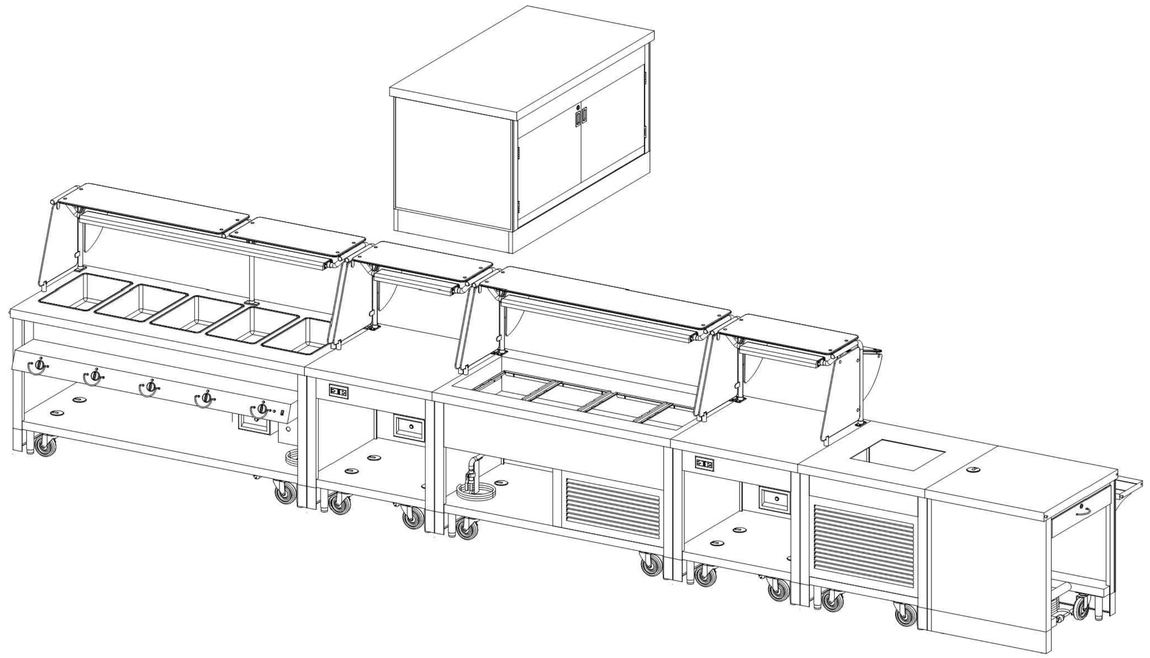
SHEET TITLE
SERVING LINE DRAWINGS

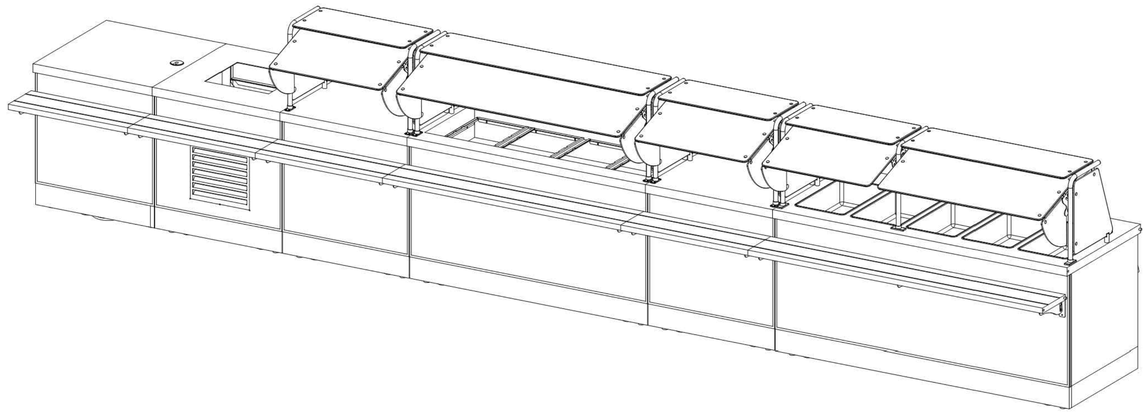
PROJECT NUMBER
14426.04

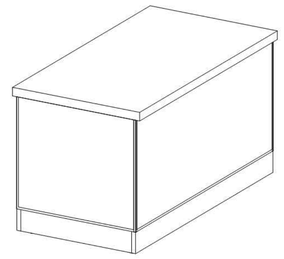
EES
FS106
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: C:\Users\Melanie Corsi\Dropbox (Corsi & Associates)\20-074-CPL Ellenville Elementary School\Current Project Set\FS-1_20-074_Ellenville Elementary.dwg
Date last accessed: 4/7/2021 9:14 AM
Date last plotted: 4/7/2021 9:16 AM
Plotted By: Melanie Corsi







SERVING LINE GENERAL SPECIFICATIONS

TOPS	14 GAUGE STAINLESS STEEL TOPS WITH LOCKING DEVICE UNDER BOTH ENDS OF COUNTER TOP
BODIES & INTERIORS	20 GAUGE STAINLESS STEEL BODIES; INTERIOR SHELVES-WHERE SHOWN, LAMINATE EXTERIOR AS INDICATED ON DRAWINGS
CASTERS & LEGS	(4) 5" DIAMETER CASTERS WITH GRAY POLYURETHANE TIRES; ALL SWIVEL & (2) WITH BRAKES, (4) 5" ADJUSTABLE STAINLESS STEEL LEGS
KICKPLATES	HEAVY GAUGE STAINLESS STEEL KICK PLATES LOCATED 1/2" ABOVE FLOOR ON CUSTOMER'S SIDE AS INDICATED ON DRAWING
TRAY SLIDES	16 GAUGE STAINLESS STEEL SOLID TRAY SLIDES WITH (2) DIE FORMED RUBBING TRACKS ON 10 GAUGE STAINLESS STEEL FIXED BRACKETS. TRAY SLIDE INTERLOCKING SYSTEM (MOUNTED AT 28")
HOT FOOD DRAINS	DRAIN MANIFOLD WITH COPPER TUBING TO BRASS MASTER VALVE; EXTEND MASTER VALVE FORWARD, TO INCLUDE HOSE BIB CONNECTION FOR 1/2" DIAMETER HOSE. DRAIN LINE EXTENDED THROUGH CABINET BASE. RECESSED TOP FOR SHEET PANS
COLD FOOD DRAINS	DRAIN EXTENSION TO GLOBE VALVE WITH HOSE BIB CONNECTION FOR 1/2" DIAMETER HOSE. DRAIN LINE EXTENDED THROUGH CABINET BASE

BREATHGUARDS

SHELVES & FRAMES	STAINLESS STEEL SHELF FRAMES WITH 3/8" TEMPERED GLASS SHELVES OR STAINLESS STEEL TOP
END STANCHIONS & FRAME	END STANCHIONS AND FRAME TO BE POWDER COATED, #21125 "TEXTURED BLACK"
GUARDS	3/8" WITH TEMPERED GLASS PROTECTOR PANELS
END ENCLOSURES	1/4" TEMPERED GLASS END ENCLOSURES
LIGHTS	LED LIGHTS UNDER EACH SHELF, WIRED TO ROCKER SWITCH ON OPERATOR'S SIDE OF CABINET
OPTIONS	• DUPLEX NEMA #5-20R RECEPTACLE MOUNTED IN APRON OF CABINET AS SHOWN ON DRAWINGS • DUPLEX NEMA #5-20R RECEPTACLE MOUNTED IN BASE OF CASHIER UNIT, DATA BOX MOUNTED IN CABINET BASE • WATER FILL FAUCET WITH CONNECTION EXTENDED INTO CABINET BASE. GROMMET THROUGH UNDERSHELF FOR WATER CONNECTION • STAINLESS STEEL DOWN WORK SHELF AS SHOWN ON DRAWINGS • HEAVY GAUGE STAINLESS STEEL KICK PLATES LOCATED 1/2" ABOVE FLOOR ON CUSTOMER'S SIDE AS INDICATED ON DRAWING

ISOMETRIC VIEWS

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

FSDS
(315) 498-9446
www.teamfsds.com

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
07/28/2022	NRS	JW

SCALE 1/4" = 1' - 0"

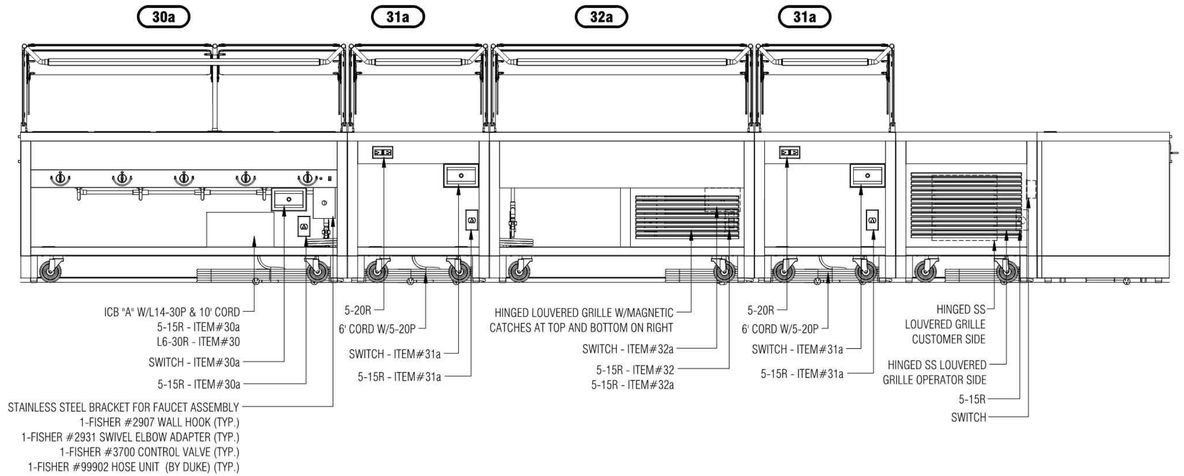
SHEET TITLE
SERVING LINE DRAWINGS

PROJECT NUMBER
14426.04

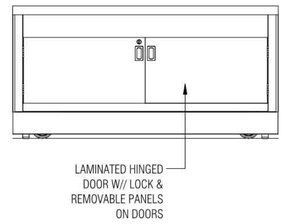
EES
FS107
DRAWING NUMBER

THESE DRAWINGS ARE PROTECTED BY COPYRIGHT LAW AND THE COMMISSIONER'S REGULATIONS. ANY REPRODUCTION OF THESE DRAWINGS OR ANY PORTION THEREOF, OR ANY USE OF THE IDEAS AND DESIGNS CONTAINED HEREIN WITHOUT THE EXPRESS WRITTEN CONSENT OF CPL IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF ANY SUBMITTING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, ENGINEER OR SURVEYOR SHALL AFFIX TO THE DOCUMENT THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION.

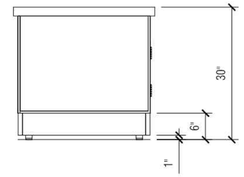
Drawing Name: C:\Users\Melanie Corsi\Dropbox (Corsi & Associates)\20-074-CPL Ellenville Elementary School\Current Project Set\FS-1_20-074_Ellenville Elementary.dwg
Date last accessed: 4/7/2021 9:14 AM
Date last plotted: 4/7/2021 9:16 AM
Plotted By: Melanie Corsi



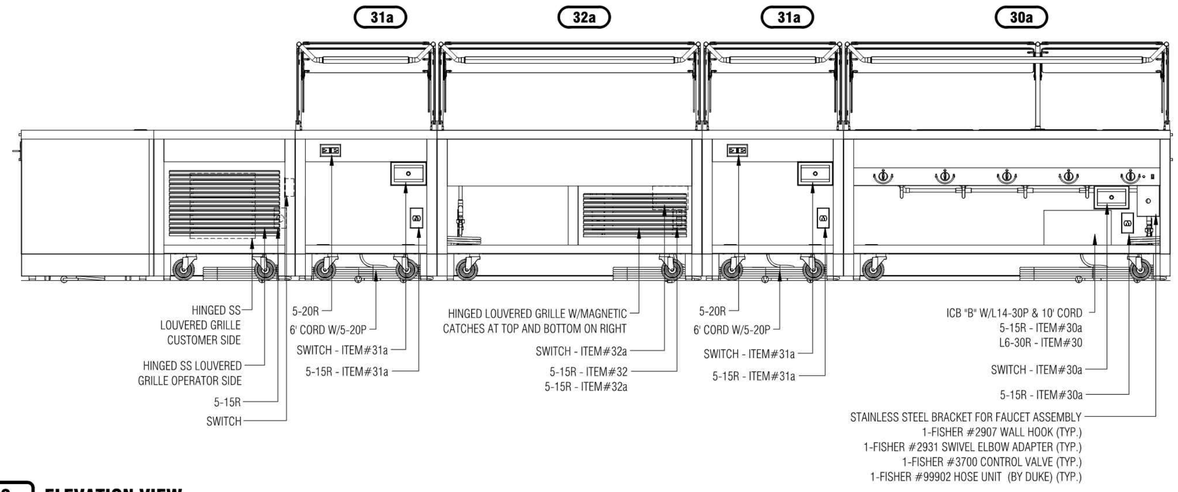
1 ELEVATION VIEW
5 3/8" = 1'-0"



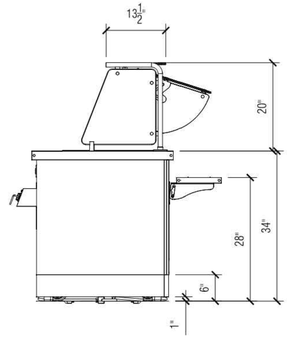
3 END VIEW
5 3/8" = 1'-0"



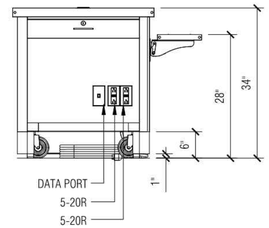
5 ELEVATION VIEW
5 3/8" = 1'-0"



2 ELEVATION VIEW
5 3/8" = 1'-0"



4 END VIEW
5 3/8" = 1'-0"



6 END VIEW
5 3/8" = 1'-0"

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

FSDS
(315) 498-9446
www.teamfsds.com

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
07/28/2022	NRS	JW

SCALE 1/4" = 1' - 0"

SHEET TITLE
SERVING LINE
DRAWINGS 2

PROJECT NUMBER
14426.04

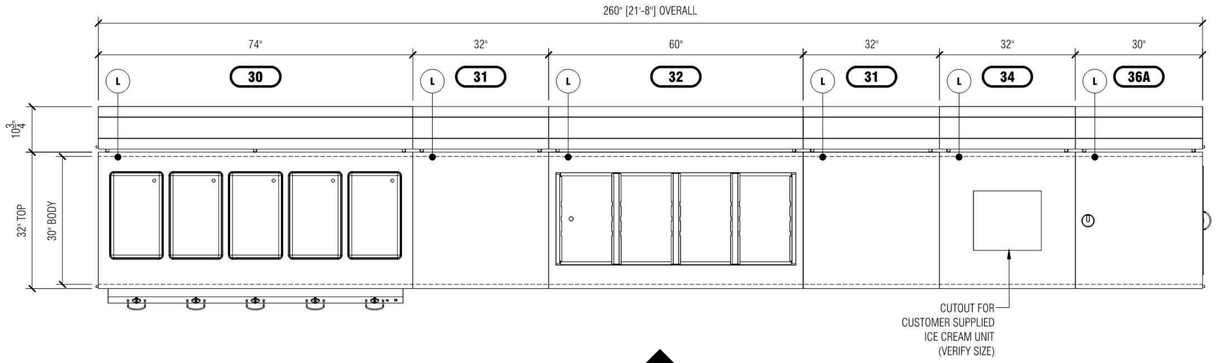
EES
FS108
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, ENGINEER OR SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

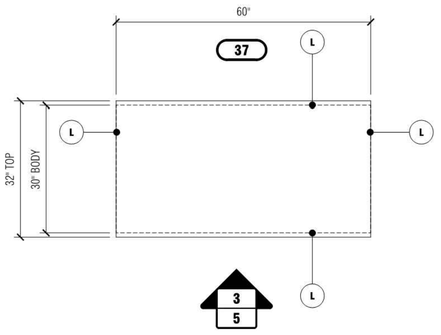
Drawing Name: C:\Users\Melanie Corsi\Dropbox (Corsi & Associates)\20-074-CPL Ellenville Elementary School\Current Project Set\FS-1_20-074_Ellenville Elementary.dwg
Date last accessed: 4/7/2021 9:14 AM
Date last plotted: 4/7/2021 9:16 AM
Plotted By: Melanie Corsi

Plotted By: Melanie Corsi
Date last plotted: 4/7/2021 12:18 PM
Date last accessed: 4/7/2021 9:17 AM
Drawing Name: C:\Users\Melanie Corsi\Dropbox (Corsi & Associates)\20-074-CPL Ellenville Elementary School\Current Project Set\FS-1_20-074_Ellenville Elementary.dwg

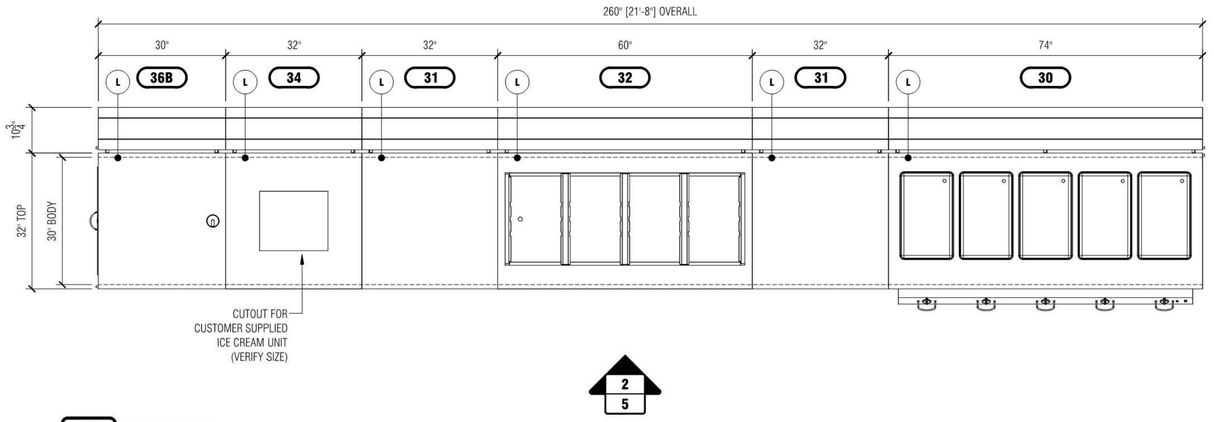
NOTE:
SNEEZE GUARDS NOT SHOWN IN PLAN VIEW



1/4 PLAN VIEW
3/8" = 1'-0"



3/4 PLAN VIEW
3/8" = 1'-0"



2/4 PLAN VIEW
3/8" = 1'-0"

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

FSDS
(315) 498-9446
www.teamfsds.com

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
07/28/2022	NRS	JW

SCALE 1/4" = 1' - 0"

SHEET TITLE
SERVING LINE
DRAWINGS 2

PROJECT NUMBER
14426.04

EES
FS109
DRAWING NUMBER

THESE DRAWINGS AND SPECIFICATIONS AND COPIES THEREOF FURNISHED BY THE ARCHITECT AND THE PROFESSIONAL CONSULTANTS ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. THEY ARE NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF THE ARCHITECT. ALL REPRODUCTIONS OF THESE DRAWINGS AND SPECIFICATIONS MUST BEAR THE STATUTORY NOTICE OF COPYRIGHT AS SHOWN HEREON. THE ARCHITECT AND THE PROFESSIONAL CONSULTANTS SHALL NOT BE RESPONSIBLE FOR ANY UNAUTHORIZED CHANGES TO OR USES OF THESE DRAWINGS AND SPECIFICATIONS BY ANY PERSON, FIRM OR CORPORATION OTHER THAN THE ARCHITECT AND THE PROFESSIONAL CONSULTANTS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR. TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM A SEAL BEARING HIS OR HER NAME AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR

Plotted By: Melanie Corsi
Date last plotted: 4/7/2021 9:16 AM
Date last accessed: 4/7/2021 9:14 AM
Drawing Name: C:\Users\Melanie Corsi\Dropbox (Corsi & Associates)\20-074-CPL Ellenville Elementary School\Current Project Set\FS-1_20-074_Ellenville Elementary.dwg

THE CADDY VENTILATOR TESTING, LISTING AND APPROVAL REFERENCES:

NATIONAL FIRE PROTECTION ASSOCIATION
IN ACCORDANCE WITH RECOMMENDATION OF NATIONAL FIRE PROTECTION ASSOCIATION'S NFPA NO. 96 "VAPOR REMOVAL FROM COOKING EQUIPMENT"

NATIONAL SANITATION FOUNDATION
STANDARD #2 - "FOOD SERVICE EQUIPMENT"

ETL, INTERTEK
TESTED UNDER STANDARD U.L. 710 "EXHAUST HOODS FOR COMMERCIAL COOKING EQUIPMENT". ETL LISTED UNDER CONTROL # 3177269

UNIFORM MECHANICAL CODE
SECTION 507 - COMMERCIAL KITCHEN HOODS AND KITCHEN VENTILATION SYSTEMS

THE BOCA NATIONAL MECHANICAL CODE
CHAPTER 5 - KITCHEN EXHAUST EQUIPMENT

STANDARD MECHANICAL CODE (SBCCI)
SECTION 504 - COMMERCIAL HOODS

UNIFORM BUILDING CODE (ICBO)

INTERNATIONAL MECHANICAL CODE (IMC)
SECTION 507 - COMMERCIAL KITCHEN HOODS
EXCLUDES CODE #507.2.1.1, CONSULT FACTORY FOR COMPLIANCE OPTIONS.

2020 NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE
2020 NEW YORK STATE ENERGY CONSERVATION CODE
NEW YORK STATE EDUCATION DEPARTMENT BUILDING STANDARDS

NOTE:

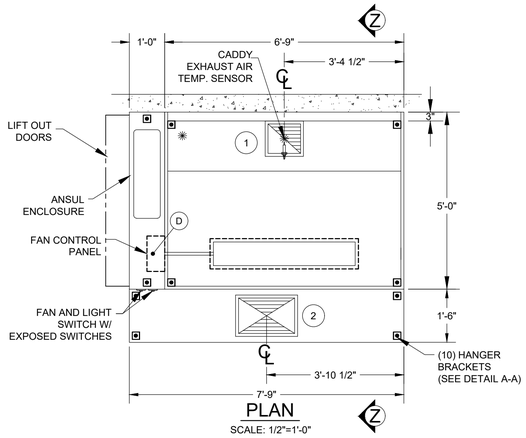
K.E.C. MUST VERIFY THE EXACT DIMENSION OF THE COOKING EQUIPMENT FROM EITHER THE WALL OR FROM THE FRONT OF THE HOOD, SO CADDY MAY PROPERLY LOCATE THE FIRE PROTECTION NOZZLES AT TIME-OF-FABRICATION IN THE FACTORY. IF EQUIPMENT IS NOT LOCATED AS SHOWN AND THE DRAWING IS APPROVED FOR FABRICATION, THEN NOZZLES MUST BE RELOCATED AT THE EXPENSE OF OTHERS.

CONTRACTOR NOTE:

ALLOW SUFFICIENT ACCESS ON TOP OF VENTILATOR TO SERVICE COMPONENTS AND UTILITIES

MAKE-UP AIR NOTE:

AIR TEMPERATURE SHOULD RANGE FROM 60° TO 65°F, BUT MAY BE AS LOW AS 50° F DEPENDING ON AIR VOLUME, DISTRIBUTION, AND INTERNAL HEAT LOAD

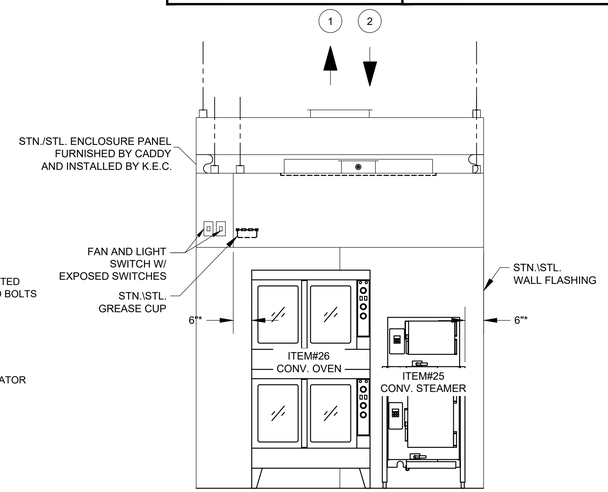


PLAN

SCALE: 1/2"=1'-0"

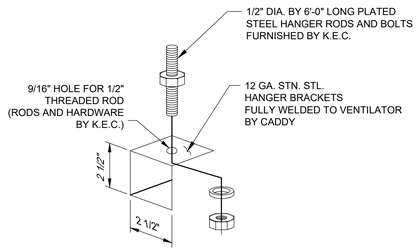
TOTAL EXHAUST :1,418 C.F.M.	
TOTAL SUPPLY : 1,134 C.F.M.	

1 10" X 11" EXHAUST DUCT 1,418 C.F.M. @ 0.75" S.P.	2 12" X 19" SUPPLY DUCT 1,134 C.F.M. @ 0.20" S.P.



ELEVATION

SCALE: 1/2"=1'-0"



HANGER BRACKET DETAIL A-A

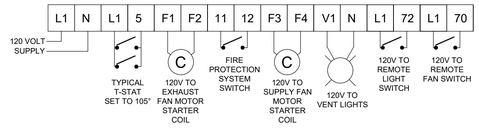
SCALE: 1/4"=1"

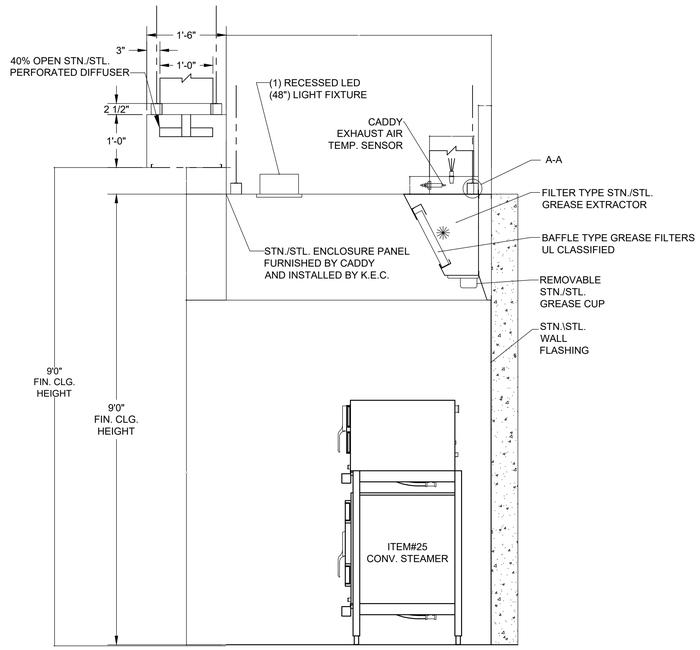
ELECTRICAL NOTES:

1. LIGHT FIXTURES, VAPORPROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED TO CADDY FAN CONTROL PANEL(D) BY CADDY.
2. 120 VOLTS 15 AMP. A.C. SERVICE BY ELECTRICAL CONTRACTOR TO CADDY FAN CONTROL PANEL.
3. INTERCONNECTION FROM CADDY FAN CONTROL PANEL TERMINALS TO EXHAUST FAN MOTOR STARTER, SUPPLY FAN MOTOR STARTER, AND FIRE PROTECTION SYSTEM SWITCH BY ELECTRICAL CONTRACTOR.

FAN CONTROL PACKAGE

(TO BE MOUNTED IN THE ANSUL BOX)





SECTION Z-Z

SCALE: 3/4"=1'-0"

GENERAL NOTES

EXHAUST AIR REQUIREMENTS:
1. EXHAUST C.F.M. BASED ON 210 C.F.M. PER LINEAR FOOT.
2. EXHAUST STATIC PRESSURE IS 0.75" W.G. AT DUCT TAKE-OFF COLLAR. TOTAL DUCT STATIC MUST BE ADDED. STATIC BASED ON OPERATION AT MEAN SEA LEVEL.
3. DUCT SIZE BASED ON 1,800 F.P.M.

EXHAUST FAN REQUIREMENTS:
1. EXHAUST FAN DISCHARGE SHOULD BE VERTICAL, AWAY FROM AIR INTAKES. FAN FURNISHED BY HVAC CONTRACTOR.
2. EXHAUST FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY HVAC CONTRACTOR.

MAKE-UP AIR REQUIREMENTS:
1. AIR EXHAUSTED FROM KITCHEN MUST BE REPLACED - WITH DISTRIBUTION CONTROLLED TO PROVIDE FOR TOTAL KITCHEN. VENTILATION AND TO ESTABLISH NECESSARY AIR PATTERNS FOR PROPER PERFORMANCE OF THE VENTILATORS. AIR DISTRIBUTION SYSTEMS SHALL BE IN ACCORDANCE WITH ALL GOVERNING CODES.
2. MAKE-UP AIR MUST BE TEMPERED-HEATED OR COOLED-CONSISTENT WITH THE STYLE OF HOOD, HEAT LOAD, CLIMATIC CONDITIONS AND APPLICABLE CODES.
3. FAN MUST BE FURNISHED WITH A MAGNETIC STARTER WITH 120 VOLT HOLDING COIL. STARTER FURNISHED BY HVAC CONTRACTOR.

INSTALLATION:
1. VENTILATORS TO BE INSTALLED IN ACCORDANCE WITH ALL CODES. CONTRACTORS MUST REVIEW APPLICABLE CODES WITH CODE AUTHORITIES BEFORE APPROVING DRAWINGS FOR FABRICATION. SPECIAL ATTENTION MUST BE GIVEN TO CODE REGULATIONS RELATIVE TO CLEARANCES FROM SURROUNDING COMBUSTIBLE CONSTRUCTION (WALL, CEILINGS, ETC.).
2. VENTILATORS ARE NOT TO BE INSTALLED IN AREAS MEANT TO HANDLE ENVIRONMENTAL AIR.
3. ALL DUCTWORK BEYOND VENTILATOR DUCT TAKE-OFF COLLAR TO BE PROVIDED AND INSTALLED BY HVAC CONTRACTOR, IN ACCORDANCE WITH JURISDICTIONAL CODES. DUCTS MUST BE MECHANICALLY STRONG, GREASE AND WATER TIGHT.
4. MOUNTING RODS FURNISHED AND INSTALLED BY KEC.

CONSTRUCTION:
1. VENTILATORS TO BE MANUFACTURED IN STRICT ACCORDANCE WITH CADDY SPECIFICATIONS.
2. VENTILATORS CONSTRUCTED OF 18 GA. STAINLESS STEEL.

FIRE PROTECTION:
1. SURFACE FIRE PROTECTION PROVIDED AND INSTALLED BY CADDY. (FOR ANSUL R-102).
2. CAUTION: SURFACE FIRE PROTECTION SYSTEM INSTALLATION MUST BE COORDINATED WITH CADDY TO PREVENT SYSTEMS INTERFERENCE WITH VENTILATOR'S OPERATION/PERFORMANCE. IMPROPER INSTALLATION MAY VOID LISTINGS OF THE EQUIPMENT.
3. IMPORTANT NOTE: NFPA 96 REQUIRES THAT ALL GAS AND ELECTRIC COOKING EQUIPMENT THAT IS PROTECTED BY A SURFACE FIRE PROTECTION SYSTEM MUST AUTOMATICALLY SHUT OFF UPON ACTIVATION OF THE SYSTEM.

ELECTRICAL REQUIREMENTS:
1. LIGHT FIXTURE BULBS PROVIDED AND INSTALLED BY CADDY.

THE FAN CONTROL PANEL WILL AUTOMATICALLY TURN ON THE EXHAUST FAN WHEN THE HOOD MOUNTED THERMOSTAT REACHES 105 DEGREE FARENHEIT

Intertek

GENERAL CONTRACT CONDITIONS

ELECTRICAL WORK DONE BY CADDY CORPORATION IS EXECUTED IN COMPLIANCE WITH STANDARDS PUBLISHED BY THE UNDERWRITER'S LABORATORIES, INC. INSOFAR AS APPLICABLE, AND WITH THE NATIONAL ELECTRICAL CODE (NEC). CADDY CORPORATION DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE REQUIREMENTS OF ANY REGIONAL AND/OR LOCAL CODES THAT ADD OR DEVIATED FROM THE ACCEPTED STANDARDS OF THE ABOVE AGENCIES.

ANY FIELD WORK RELATING TO THE MODIFICATION OF ELECTRIC OR PLUMBING SYSTEMS, TO MEET REGIONAL OR LOCAL CODE REQUIREMENTS, IS TO BE DONE BY OTHERS AND WITHOUT BACK CHARGES TO CADDY CORPORATION, UNLESS THESE CONDITIONS WERE PREVIOUSLY BROUGHT TO OUR ATTENTION AND ARE EXPRESSLY INCLUDED IN OUR WRITTEN QUOTATION.

ALL WIRING AND PLUMBING AT THE JOB SITE IS THE RESPONSIBILITY OF OTHERS. EQUIPMENT WILL BE CONSTRUCTED IN ACCORDANCE WITH OUR DRAWING(S) WHICH MUST BE APPROVED PRIOR TO FABRICATION. ANY SUBSEQUENT CHANGES REQUIRED MUST BE SUBMITTED TO US IN WRITING AND ACKNOWLEDGED ON OUR STANDARD FORM.

K.E.C. TO VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT, REVIEW PLAN FOR PROPER LINE-UP PRIOR TO FABRICATION OF VENTILATORS, AND TO NOTIFY CADDY OF ANY CHANGES.

MINIMUM OVERHANG FROM EDGE OF COOKING EQUIPMENT TO END OF HOOD MUST BE 6"

INSTALLATION INFORMATION

ALLOW SUFFICIENT ACCESS TO BRING VENTILATOR INTO KITCHEN AREA MAXIMUM VENTILATOR DIMENSIONS 7'-9" LONG x 5'-0" WIDE x 28 1/2" HIGH ESTIMATED TOTAL HANGING WEIGHT: 758 LBS.

VENTILATOR TO BE SHIPPED IN (2) UNITS. ALL PLUMBING AND ELECTRICAL DISCONNECTED FOR SHIPMENT. RECONNECTED IN FIELD BY PLUMBING AND ELECTRICAL CONTRACTORS.

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

FSDS
(315) 498-9446
www.teamfsds.com

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES: SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
07/28/2022	NRS	JW

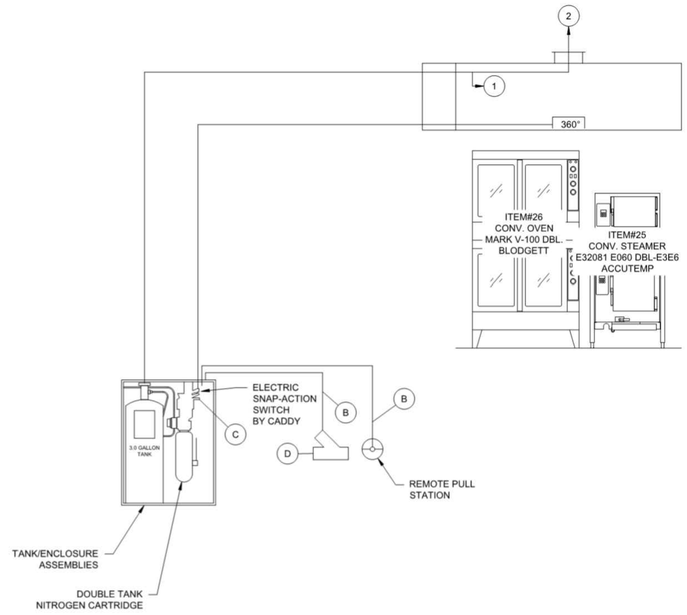
SCALE 1/4" = 1' - 0"

SHEET TITLE
HOOD DRAWINGS

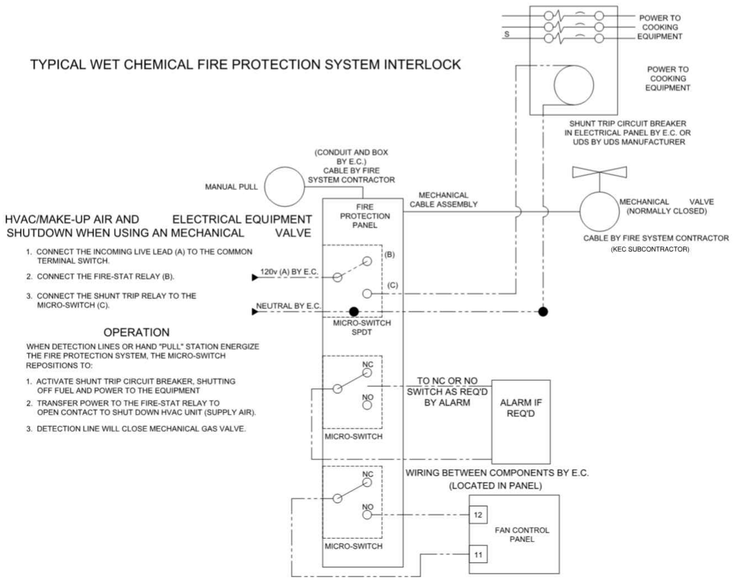
PROJECT NUMBER
14426.04

EES
FS110
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF ANY ALTERING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT A NOTATION STATING THAT THE DOCUMENT HAS BEEN ALTERED AND THE DATE OF SUCH ALTERATION.



TYPICAL WET CHEMICAL FIRE PROTECTION SYSTEM INTERLOCK



HVAC/MAKE-UP AIR AND ELECTRICAL EQUIPMENT SHUTDOWN WHEN USING AN MECHANICAL VALVE

1. CONNECT THE INCOMING LIVE LEAD (A) TO THE COMMON TERMINAL SWITCH.
2. CONNECT THE FIRE-STAT RELAY (B).
3. CONNECT THE SHUNT TRIP RELAY TO THE MICRO-SWITCH (C).

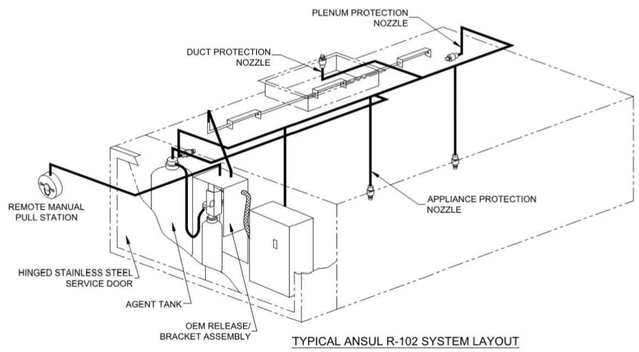
OPERATION

WHEN DETECTION LINES OR HAND "PULL" STATION ENERGIZE THE FIRE PROTECTION SYSTEM, THE MICRO-SWITCH REPOSITIONS TO:

1. ACTIVATE SHUNT TRIP CIRCUIT BREAKER, SHUTTING OFF FUEL AND POWER TO THE EQUIPMENT
2. TRANSFER POWER TO THE FIRE-STAT RELAY TO OPEN CONTACT TO SHUT DOWN HVAC UNIT (SUPPLY AIR).
3. DETECTION LINE WILL CLOSE MECHANICAL GAS VALVE.

ANSUL R-102 3 SYSTEM

FOR VENTILATOR ITEMS #27



TYPICAL ANSUL R-102 SYSTEM LAYOUT

ANSUL ROUGH-IN SCHEDULE

SYM	DESCRIPTION
A	3/8" SCH 40 BLACK IRON PIPE. ALL EXPOSED PIPING TO BE CHROME SLEEVE OR STN./STL.
B	1/2" EMT CONDUIT
C	MICRO SWITCH FOR ELECTRIC SHUT-DOWN AND/OR FIRE SUPPRESSION SYSTEM ALARM BY CADDY WIRING BY E.C.
D	UP TO 2" MECHANICAL TYPE VALVE FURNISHED BY SUB CONTRACTOR AND INSTALLED BY P.C. ([ ] VERIFY SIZE).

ANSUL NOZZLE DATA

SYM	QTY	DESCRIPTION	FLOW POINTS EACH	MIN.-MAX. HEIGHT ABOVE HAZARD
1	1	ANSUL #1N	1	
2	1	ANSUL #2W	2	

UNDERWRITERS LABORATORIES, INC
TESTED UNDER STANDARD U.L. 300 "FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF RESTAURANT COOKING AREAS ".

VERIFICATION NOTE

1. ALL UTILITY INFORMATION SHOWN ON THESE DRAWINGS ARE DEEMED TO BE ACCURATE AT THE TIME OF CREATION.
2. EQUIPMENT MANUFACTURER'S RESERVE THE RIGHT TO CHANGE OR UPDATE THE EQUIPMENT REQUIREMENTS. THE CONSULTANT AND/OR ARCHITECT ARE NOT RESPONSIBLE FOR ANY OF THESE CHANGES.
3. THE FOOD SERVICE EQUIPMENT CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND UTILITY INFORMATION PRIOR TO ORDERING AND INSTALLATION. THIS CONTRACTOR IS TO PROVIDE ALL TRADES WITH THE MOST CURRENT INFORMATION AT ALL TIMES.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

FSDS
(315) 498-9446
www.teamfsds.com

ELLENVILLECENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
VOLUME 1
ES LIBRARY RELOCATION & CAFETERIA ADDITION
ELLENVILLE ES; SED #62-20-02-06-0-008-010

DATE	DRAWN	CHECKED
07/28/2022	NRS	JW

SCALE 1/4" = 1' - 0"

SHEET TITLE
HOOD
DRAWINGS

PROJECT NUMBER
14426.04

EES
FS111
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE SEAL AND THE NOTATION "ALTERED" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: C:\Users\Melanie Corsi\Dropbox (Corsi & Associates)\20-074-CPL Ellenville Elementary School\Current Project Set\FS-1_20-074_Ellenville Elementary.dwg
Date last accessed: 4/7/2021 9:14 AM
Date last plotted: 4/7/2021 9:16 AM
Plotted By: Melanie Corsi

Drawing Name: C:\Users\ANTHONY\Documents\GARDINER_ENG\JOBFILES\MISCELLANEOUS\2020\QuEST Ellenville CSD 9-30-2020\Phase 1 - EES A101-A102 - Standard\PHASE 1, 2A & 2B ASB NOTES.dwg
Date last accessed: 4/8/2021 1:26 PM
Date last plotted: 4/8/2021 1:27 PM
Plotted By: ANTHONY

PRE-ABATEMENT WORK NOTES:

1. THESE DRAWINGS HAVE BEEN PREPARED BY UTILIZING THE OWNERS' ORIGINAL CONSTRUCTION DOCUMENTS IN ORDER TO ILLUSTRATE THE EXISTING CONDITIONS OF THE SITE AND STRUCTURES THEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL VERIFICATION OF ALL EXISTING CONDITIONS IN THE FIELD.

2. THE ASBESTOS CONTAINING MATERIALS, CONFIGURATIONS AND LOCATIONS SHOWN IN THESE DRAWINGS ARE BASED ON THE ASBESTOS CONTAINING MATERIALS TESTING REPORT. REFER TO THE ASBESTOS CONTAINING MATERIALS REPORT AND ASBESTOS SPECIFICATION FOR FURTHER INFORMATION.

3. THE CONTRACTOR SHALL DETERMINE EXACT FINAL LOCATIONS OF PERSONAL AND WASTE DECONTAMINATION ENCLOSURES, PICK UP AREA FOR REFUSE AND ASBESTOS DEBRIS. THESE LOCATIONS SHALL BE REVIEWED AND PROPERLY APPROVED BY THE SCHOOL DISTRICT PRIOR TO COMMENCEMENT OF WORK. THIS CONTRACTOR SHALL ESTABLISH, LABEL AND MAINTAIN PROPER EXITS AND MEANS OF – EGRESS FROM WITHIN EACH WORK AREA FOR NORMAL AND EMERGENCY USE BY WORKERS DURING ALL ABATEMENT.

4. PRIOR TO BIDDING, THE CONTRACTOR SHALL BE RESPONSIBLE TO BECOME COMPLETELY FAMILIAR WITH ALL ASPECTS OF THE PROJECT, INCLUDING, BUT NOT LIMITED TO ALL DEMOLITION AND CONSTRUCTION WORK OF OTHER TRADES SHOWN IN THE COMPLETE SET OF DRAWINGS AND IN THE PROJECT MANUAL/SPECIFICATIONS, IN ORDER THAT THE FULL SCOPE OF WORK WHICH HE MAY ENCOUNTER IN SCHEDULING OR PROGRESSING ASBESTOS CONTAINING MATERIAL REMOVALS WORK IS UNDERSTOOD AND ACCOUNTED FOR BY THE CONTRACTOR IN HIS/HER PROJECT WHETHER OR NOT SHOWN IN THESE DOCUMENTS.

5. PRIOR TO ABATEMENT, ALL CONTRACTORS WILL SURVEY EXISTING CONDITIONS IN THE ABATEMENT AND GENERAL WORK AREAS. ITEMS/MATERIALS/ETC. DAMAGED, OR NON-FUNCTIONAL SHALL BE LISTED, NOTED, PHOTOGRAPHED AND REVIEWED WITH THE OWNERS' REPRESENTATIVE, ARCHITECT, OR PROJECT MONITOR . ALL OTHER ITEMS/MATERIALS SHALL BE ASSUMED TO BE IN GOOD CONDITION AND GOOD WORKING ORDER. IT SHALL BE THE RESPONSIBILITY OF THE ABATEMENT CONTRACTOR TO STORE AND MAINTAIN ALL MATERIALS, ITEMS, EQUIPMENT, SYSTEMS, ETC. IN THEIR ORIGINAL CONDITION AND RETURN TO OWNER/GC, ETC. IN SAME CONDITION AT THE END OF THIS CONTRACT.

ASBESTOS REMOVAL GENERAL NOTES:

1. ASBESTOS ABATEMENT INDICATED ON DRAWINGS SHALL BE PERFORMED BY A NYS DEPARTMENT OF LABOR LICENSED ASBESTOS ABATEMENT CONTRACTOR, SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND QUANTITIES PRIOR TO BID.

2. THE CONTRACTOR SHALL PERFORM ALL CONTRACT WORK IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS, NEW YORK STATE DEPARTMENT OF LABOR (NYSDOL) INDUSTRIAL CODE RULE 56, OSHA, NESHAPS, AHERA, NYSDEC AND ALL OTHER APPLICABLE CODES.

3. THE CONTRACTOR SHALL MAINTAIN THE SITE AS NEAT AS POSSIBLE AND ORDERLY DURING THE WORK. ALL LOOSE DEBRIS WHICH MAY BLOW OFF THE SITE SHALL BE COLLECTED AND DISPOSED OF PROPERLY BY THE CONTRACTOR ON A DAILY BASIS.

4. THE CONTRACTOR SHALL PROVIDE BARRIERS AROUND EACH WORK AREA IN ORDER TO ENSURE SAFE PASSAGE BY ANY PERSON. THESE BARRIERS SHALL ALSO SERVE TO KEEP ALL UNAUTHORIZED PERSONS OUT OF THE PROJECT AREA FOR DURATION OF THE WORK.

5. VARIANCES: THE OWNERS' CONSULTANT SHALL OBTAIN ANY SITE SPECIFIC VARIANCES SITE-SPECIFIC VARIANCES.

6. THE CONTRACTOR SHALL MAINTAIN SECURITY IN THE BUILDING AND EACH WORK AREA AT ALL TIMES.

7. PROJECT STAGING, PHASING, STORAGE, SCHEDULING AND WORK HOURS ACCESS SHALL BE COORDINATED WITH AND APPROVED BY THE ARCHITECT, ASBESTOS CONSULTANT AND OWNER PRIOR TO PROCEEDING WITH ANY WORK.

8. SHOULD IT BE NECESSARY, CONTRACTOR SHALL COORDINATE SHUT DOWN AND LOCK OUT/TAGOUT OF THE ELECTRICAL POWER WITH OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF ANY WORK.

9. ALL TEMPORARY POWER TO EACH WORK AREA SHALL BE BROUGHT IN FROM OUTSIDE OF EACH WORK AREA THROUGH A GROUND-FAULT CIRCUIT INTERRUPTER AT THE SOURCE.

10. CONTRACTOR SHALL COORDINATE HOOKUP OF WATER SERVICE FOR DECONTAMINATION PURPOSES WITH THE OWNER'S REPRESENTATIVE.

11. THE OWNER OR OWNERS' REPRESENTATIVE IS RESPONSIBLE TO CONTRACT FOR NYSDOL PROJECT MONITORING/AIR SAMPLING TECHNICIAN SERVICES AS REQUIRED.

12. CONTRACTOR TO PROVIDE A COPY OF ALL SDS FOR ALL CHEMICAL AGENTS TO BE USED DURING THE ASBESTOS ABATEMENT TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO ANY ABATEMENT WORK UNDERTAKEN.

13. CONTRACTOR SHALL REQUEST AND RECEIVE OWNER'S REPRESENTATIVES APPROVAL OF ALL SCHEDULED WORK BEFORE ANY ABATEMENT IS UNDERTAKEN.

14. ALL CONTAMINATED WASTEWATER SHALL BE FILTERED THROUGH A 5.0 MICRON PARTICLE SIZE FILTER , PRIOR TO DISCHARGE TO SANITARY SEWER.

15. DRAWINGS ATTEMPT TO INDICATE THE GENERAL SCOPE OF EXISTING CONDITIONS AND ITEMS EFFECTED BY THE ABATEMENT WORK. CONTRACTOR SHALL EXAMINE EACH WORK AREA PRIOR TO BID AND SHALL INCLUDE FIELD VARIATIONS FROM THOSE SHOWN WITH IN THE GENERAL INTENT OF THE WORK.

16. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASBESTOS CONTAINING MATERIALS CONTAINED WITHIN THE PROJECT AND ASSOCIATED WITH ALL PROJECT WORK, IN COMPLIANCE WITH ALL APPLICABLE LAWS, RULES, REGULATIONS AND ALL REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.

17. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASBESTOS CONTAINING MATERIALS CONTAINED WITHIN THE PROJECT AND ASSOCIATED WITH ALL PROJECT WORK, IN THE MOST EFFICIENT AND COST-

POST-ABATEMENT WORK NOTES:

1. PROVIDE ALL APPLICABLE CODE RULE 56 PROCEDURES, CLEAN UP, AND ADDITIONAL TESTING AS REQUIRED.

2. REMOVE ALL TEMPORARY ENCLOSURES, BARRIERS, ETC. REINSTALL ITEMS/WORK PREVIOUSLY REMOVED. ALL TAPE AND ADHESIVE RESIDUALS TO BE REMOVED AND REPAIRED.

3. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO INSURE AGAINST DAMAGE TO THE EXISTING WORK TO REMAIN IN PLACE. ANY DAMAGE TO SUCH WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST TO THE CONTRACT.

4. AT COMPLETION OF THE ABATEMENT WORK, A CONDITION SURVEY SHALL BE DONE BY ALL CONTRACTORS AND PROJECT INSPECTOR (SEE NOTE #2). ANY VARIATION (I.E. DAMAGE BY THE CONTRACTOR), AND OTHERWISE NOT INCLUDED AS PART OF THE RECONSTRUCTION WORK, SHALL BE REPAIRED.RESTORED BY THE ABATEMENT CONTRACTOR.

5. THE CONTRACTOR SHALL, UPON COMPLETION OF THE REMOVAL, PROVIDE WRITTEN DOCUMENTATION (INCLUDING ALL APPROPRIATE THRID PARTY TESTING RESULTS) THAT THE PROJECT WORK AREAS ARE COMPLETELY FREE OF ALL ASBESTOS CONTAINING MATERIALS.
6. THE CONTRACTOR SHALL PROVIDE RECORDS OF ALL ASBESTOS CONTAINING MATERIALS REMOVED FROM THE SITE, INCLUDING THE COMPOSITION AND VOLUMES OF DISPOED MATERIALS AND THE FINAL DISPOSAL SITE.

PHASE 2A ASBESTOS ABATEMENT NOTES
VALID FOR ALL PHASES EES AND EHS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING

50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS			
NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK
ANTHONY NICHOLAS NIELSEN
087991
LICENSED PROFESSIONAL ENGINEER

QUALITY ENVIRONMENTAL
SOLUTIONS & TECHNOLOGIES,INC.
1398 ROUTE 9
WAPPINGERS FALLS, NY 12590
TEL: (845) 298-6031
FAX: 845 298-6251

ELLENVILLE
CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
PHASE 2A: ROOFING RESTORATION
ELLENVILLE ES: SED# 42-20-02-06-0-008-009
ELLENVILLE MS/HS: SED# 42-20-02-06-0-001-027

DATE	DRAWN	CHECKED
10/02/2020	AM	LG

SCALE NONE

SHEET TITLE
PHASE 2A
ASBESTOS
ABATEMENT
NOTES

PROJECT NUMBER
14426.04

EES-EHS
AA00
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND 8 NYCRR COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS OR HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ELLENVILLE CSD DRAWING NOTES PHASE 2A

1- ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR COMPLETE AND TOTAL REMOVAL AND DISPOSAL OF APPROXIMATELY 36 SF OF NON-FRIABLE ASBESTOS-CONTAINING EQUIPMENT FLASHING TAR ON 2 VENT FANS (ON WOOD CURBS) ON THE HIGH SCHOOL ROOF AND 13 ON THE ELEMENTARY SCHOOL. ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR COMPLETE AND TOTAL REMOVAL AND DISPOSAL OF APPROXIMATELY 270 SF (18 SF AT EACH VENT FAN, APPROXIMATELY 15 VENT FANS) OF NON-FRIABLE ASBESTOS-CONTAINING EQUIPMENT FLASHING TAR ON VENT FANS (ONES THAT VISIBLY SIT LOWER THAN OTHERS).

2- ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR COMPLETE AND TOTAL REMOVAL AND DISPOSAL OF APPROXIMATELY 110 LF OF TERMINATION BAR ON THE LOWER ROOF BEHIND THE AUDITORIUM. REMOVE APPROXIMATELY 20 SF OF ACM TAR AND VAOIR BARRIER FROM THE BRICK WALL AROUND THE EXISTING WINDOW FRAME. REMOVE APPROXIMATELY 65 SF OF ACM TAR AND VAPOR BARRIER AND SMALL METAL DOOR IN THE BRICK WALL. THERE IS APPROXIMATELY 660 SF OF FACED WALL WHICH HAS A POSITIVE TAR AND VAPOR BARRIER WHICH WILL REQUIRE THE LOOSE AND FLAKY MATERIALS TO BE SCRAPED FLUSH SO THE WALL CAN THEN BE ENCAPSULATED WITH NEW LIQUID APPLIED WATER PROOFING (ON LOWER HIGH SCHOOL ROOF) , AS DETAILED ON ATTACHED ACM LOCATION DRAWINGS.

3- ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR COMPLETE AND TOTAL REMOVAL AND DISPOSAL OF APPROXIMATELY 70 LF OF NON-FRIABLE ASBESTOS-CONTAINING TERMINATION CAULK (BLACK) ON THE BACK OF THE AUDITORIUM ROOF, APPROXIMATELY 100 LF OF NON-FRIABLE ASBESTOS-CONTAINING TERMINATION CAULK (BLACK) ON THE FRONT MIDDLE SCHOOL ROOF, & APPROXIMATELY 100 LF OF NON-FRIABLE ASBESTOS-CONTAINING TERMINATION CAULK (BLACK) ON THE MIDDLE SCHOOL ROOF ON THE EASTERN SIDE OF THE GYM.

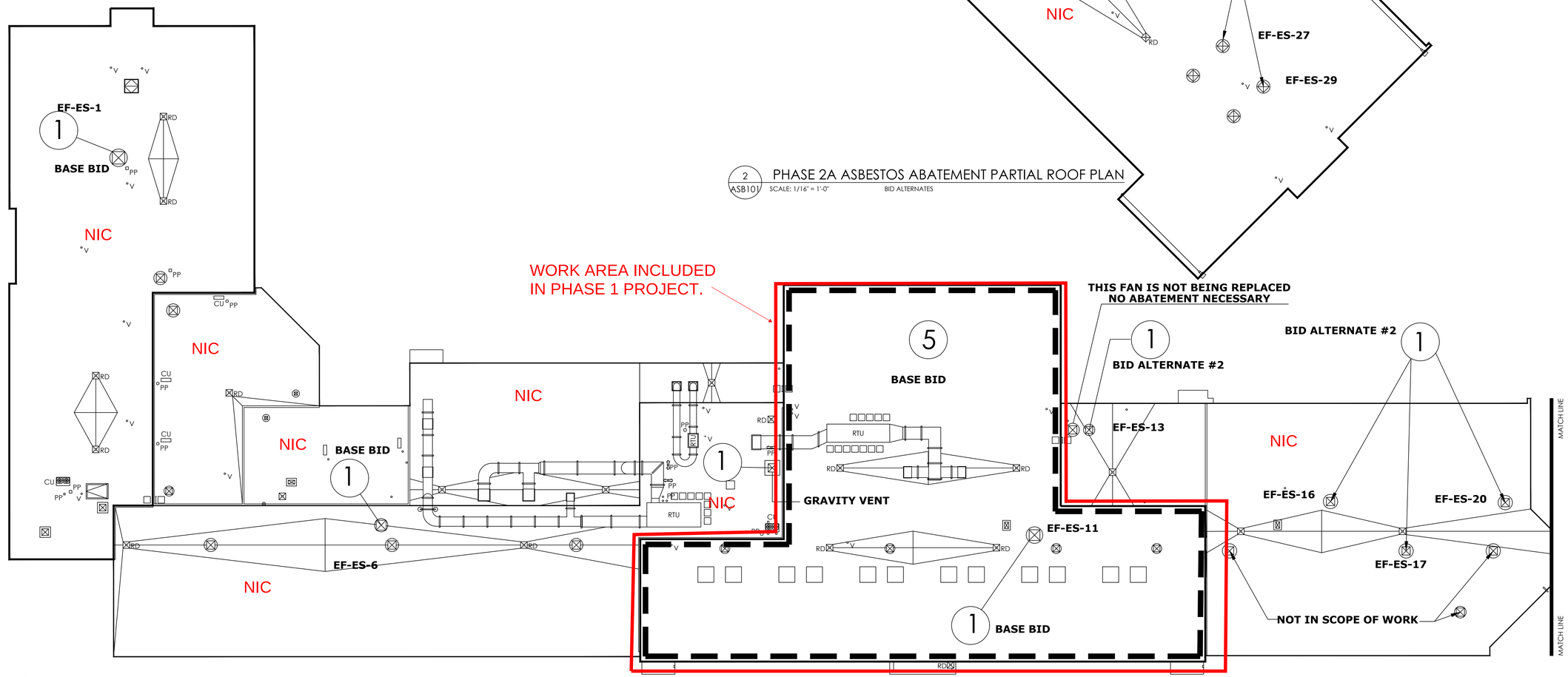
4- ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR COMPLETE AND TOTAL REMOVAL AND DISPOSAL OF APPROXIMATELY 550 SF OF NON-FRIABLE ASBESTOS-CONTAINING BUILDING FLASHING TAR ON THE HIGH SCHOOL PARAPET WALL.

5- ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR COMPLETE AND TOTAL REMOVAL AND DISPOSAL OF APPROXIMATELY 900 SF OF NON-FRIABLE ASBESTOS-CONTAINING PERIMETER FLASHING OF THE "WHITE ROOF" DOWN TO ROOF DECK AT THE HIGH SCHOOL.

6- ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR COMPLETE AND TOTAL REMOVAL AND DISPOSAL OF APPROXIMATELY 50 SF OF NON-FRIABLE ASBESTOS-CONTAINING ROOFING TAR AT THE HIGH SCHOOL CANOPY NEXT TO LOADING DOCK AT THE HIGH SCHOOL.

NOTES:

ALL WORK SHOWN HEREON
IS THE WORK OF BID ALTERNATE #1
UNLESS NOTED OTHERWISE



2 ASB101 PHASE 2A ASBESTOS ABATEMENT PARTIAL ROOF PLAN
SCALE: 1/16" = 1'-0" BID ALTERNATES

1 ASB101 PHASE 2A ASBESTOS ABATEMENT PARTIAL ROOF PLAN
SCALE: 1/16" = 1'-0" BASE BID & BID ALTERNATE

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

STATE OF NEW YORK — ANTHONY NICHOLAS MERCADO — 067937 — LICENSED PROFESSIONAL ENGINEER

ELLENVILLE CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
PHASE 2A: ROOFING RESTORATION
ELLENVILLE ES: SED# 62-20-02-06-0-008-009
ELLENVILLE MS/HS: SED# 62-20-02-06-0-001-027

DATE	DRAWN	CHECKED
10/2/2020	AM	LG

SCALE: AS NOTED

SHEET TITLE
ELEMENTARY SCHOOL DEMOLITION ROOF PLAN & NOTES - BASE BID & BID ALTERNATE

PROJECT NUMBER
14426.04

EES
ASB101
DRAWING NUMBER

Plotted By: ANTHONY
Date last plotted: 4/12/2021 3:29 PM
Date last accessed: 4/12/2021 3:26 PM
Drawing Name: C:\Users\ANTHONY\Documents\GARDINER_ENG\JOBFILES\MISCELLANEOUS\2020\QuEST Ellenville CSD 9-30-2020\Phase 2A - EES ROOF A101 - Standard\EES ROOF A101 4-12-21.dwg

© COPYRIGHT 2020 CPL ARCHITECTURE ENGINEERING PLANNING P.C. ALL RIGHTS RESERVED. THESE PLANS AND SPECIFICATIONS ARE AN INSTRUMENT OF SERVICE AND SHALL REMAIN THE PROPERTY OF CPL ARCHITECTURE ENGINEERING PLANNING P.C. WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THE REPRODUCTION, PUBLICATION OR USE OF THESE PLANS AND SPECIFICATIONS IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF CPL ARCHITECTURE ENGINEERING PLANNING P.C. IS STRICTLY PROHIBITED. VISUAL CONTACT WITH THESE PLANS AND SPECIFICATIONS SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS. ANY UNAUTHORIZED USE OF THESE PLANS AND SPECIFICATIONS WILL BE SUBJECT TO LEGAL ACTION AND LIABILITY FOR DAMAGES AND ATTORNEY'S FEES. ANY UNAUTHORIZED USE OF THESE PLANS AND SPECIFICATIONS SHALL BE DEEMED A FELONY AND THE COMMISSIONER'S REGULATIONS CONCERNING THE PRACTICE OF ARCHITECTURE AND THE EDUCATION LAW OF THE STATE OF NEW YORK SHALL BE ENFORCED AGAINST ANY PERSON OR ENTITY VIOLATING THESE RESTRICTIONS.

Plotted By: Austin H West
Date last plotted: 7/25/2022 4:55 PM
Date last accessed: 7/25/2022 4:49 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A2\Phase 2A Roofing Restoration\EES ROOF A201.dwg

GENERAL ROOFING NOTES:

1. CONTRACTOR TO PROTECT ALL EXISTING ADJACENT SURFACES, INCLUDING, BUT NOT LIMITED TO, ROOFTOP EQUIPMENT, SKYLIGHTS, WINDOWS, MASONRY, VENTS, FLASHING, ETC., NOT SCHEDULED FOR WORK AND TO REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTOR WORK AT NO ADDITIONAL COST TO THE OWNER.
2. THE EXISTING CONDITIONS SHOWN HEREON ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE PRIOR TO SUBMITTING A BID.
3. MAINTAIN POSITIVE DRAINAGE TO ROOF DRAINS. UPON COMPLETION OF THE WORK, SNAKE-OUT ALL EXISTING ROOF DRAINS AND PIPING AND VERIFY FREE-FLOWING CONDITIONS. CONTRACTOR TO CONFIRM ALL DRAIN LINES ARE OPEN AND FREE-FLOWING PRIOR TO START OF CONSTRUCTION.
4. THE ROOFING CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING WATER TIGHTNESS AND PROVIDE PROTECTION AT ALL ROOF OPENINGS AT THE END OF EACH CONSTRUCTION DAY OR ONSET OF INCLEMENT WEATHER.
5. CONTRACTOR SHALL PROVIDE ALL SERVICES AND MATERIALS AS NECESSARY TO PROVIDE NEW ROOFING SYSTEMS.
6. REMOVE AND REINSTALL EXISTING ROOFTOP EQUIPMENT, PIPING, CONDUIT, HATCHES, DUCTWORK, LIGHTING, ANTENNA ETC. AS NEEDED TO ACCOMMODATE NEW WORK. EXTEND UTILITY LINES, DUCTWORK, PIPING, ETC., TO ALL EQUIPMENT AS REQUIRED. (BY MC)
7. CONTRACTOR SHALL COORDINATE WORK WITH THE OWNER'S OPERATIONS SCHEDULE.
8. NO ACTIVE WEEP HOLES SHALL BE COVERED OVER OR PLUGGED AS A RESULT OF THE WORK.
9. THE CONTRACTOR IS TO PROVIDE PRESERVATIVE-TREATED WOOD BLOCKING AS REQUIRED TO ACCOMMODATE NEW WORK. SECURE BLOCKING TO EXISTING CONSTRUCTION. WHERE ROOFING SYSTEM IS TO BE REPLACED (I.E. FULL REPLACEMENT WORK AREAS), BLOCKING SHALL BE PROVIDED TO ACCOMMODATE THE INSULATION AT THE ROOF EDGE. THE FASCIA HEIGHT SHALL NOT VARY.
10. NO MORE ROOFING IS TO BE REMOVED THAN CAN BE MADE WEATHER-TIGHT BY THE END OF THE WORK DAY OR THE ONSET OF INCLEMENT WEATHER.
11. THE INSTALLED ROOFING SYSTEM SHALL MEET ALL REQUIREMENTS FOR CLASSIFICATION AS A UL "A" ROOF ASSEMBLY.
12. FULL REPLACEMENT WORK AREAS: SLOPE OF TAPERED INSULATION TO BE A MINIMUM OF 1/8" PER FOOT, U.N.O. R-VALUE OF ROOFING INSULATION SHALL EQUAL R-30 MINIMUM.
13. FULL REPLACEMENT WORK AREAS: PROVIDE PRE-MANUFACTURED ALUMINUM FASCIA FULL LENGTH OF ROOF EDGES. PROVIDE MANUFACTURER'S RECOMMENDED FASTENERS, SEALANT AND ADHESIVES. PROVIDE EXTENDERS AS REQUIRED.
14. REDO SUMPS AT ROOF DRAINS (INCLUDING ALL REQUIRED CUTTING AND PATCHING, NEW INSULATION TO MATCH EXISTING, NEW ROOFING TO MATCH EXISTING).
15. COORDINATE ROOFING WORK WITH MECHANICAL WORK. SEE MECHANICAL DRAWINGS.
16. IN AREAS OF WORK WHERE ROOF LADDERS PENETRATE EXISTING ROOFING, APPLY LIQUID-APPLIED ROOFING 1" PAST EXISTING MEMBRANE. DO NOT COVER LADDER RUNGS.
17. INCLUDE IN BID ALTERNATE #1 THE EXTENSION/MODIFICATION OF EXISTING LADDERS AS REQUIRED TO ACCOMMODATE NEW WORK TO MEET OSHA REQUIREMENTS.

THIS WORK IS CLASSIFIED AS "ALTERATIONS - LEVEL 1" BY THE EXISTING BUILDING CODE OF NEW YORK STATE (EBCNYS). ALL WORK SHALL COMPLY WITH CHAPTER 7 OF THE EBCNYS.

ROOF LEGEND

- °V — ROOF VENT. SEE DETAIL 6/A803
- RD — ROOF DRAIN. SEE DETAIL 8/A803
- EXHAUST FAN. SEE DETAIL 2/A803
- CU — CONDENSING UNIT. SEE DETAIL 2/A802 OR 6/A802, AS APPLICABLE
- RTU — ROOF TOP AIR HANDLING UNIT. SEE DETAIL 2/803
- PP — PITCH POCKET. SEE DETAIL 1/A802
- ACCESS HATCH. SEE DETAIL 2/A803 (SIMILAR)
- EXISTING LADDER
- BASE BID: RESTORE EXISTING ROOFING PER SECTION 075900. BID ALTERNATE #1: FULL ROOFING REPLACEMENT, WITH NEW ROOFING SYSTEM PER SECTION 075600.
- BASE BID: FULL ROOFING REPLACEMENT: REMOVE EXISTING ROOFING SYSTEMS (INCLUDING TRIM, FASCIA, FLASHINGS, INSULATION, ETC.,) IN THEIR ENTIRETY DOWN TO EXISTING ROOF DECK, & REPLACE WITH NEW ROOFING SYSTEM SPECIFIED.
- BASE BID: RESTORE EXISTING ROOFING PER SECTION 075900.
- ROOFING CORE SAMPLE LOCATION
- +10" — NEW INSULATION THICKNESS

NEW CONSTRUCTION KEYNOTES:

1. REPAINT EXISTING ROOF LADDERS.
2. REPLACE/REPAIR EXISTING FASCIA/FLASHING AS REQUIRED TO MATCH EXISTING.
3. REMOVE EXISTING WALKWAY MATS. PROVIDE 24" WIDE SLIP RESISTANT WALKWAY WITH 4" WIDE SAFETY YELLOW BORDERS ON EACH SIDE TO MATCH EXISTING WALKWAYS. INCLUDE 700 LF (I.E., 1,400 SF) OF WALKWAY IN BASE BID. COORDINATE LOCATION OF WALKWAY WITH OWNER.
4. EXISTING ROOF-MOUNTED DUCT WORK TO REMAIN.
5. REMOVE & REINSTALL EXISTING EXTERIOR-MOUNTED LIGHT FIXTURES AS REQUIRED TO ACCOMMODATE NEW WORK.
6. EXISTING ELECTRIC CONDUIT LINE TO REMAIN.
7. ADD COUNTER-FLASHING & SEALANT OVER EXISTING TERMINATION BAR. SEE DETAIL 3/A803 - SIMILAR.
8. DUCT SUPPORTS TO REMAIN. SEE DETAIL 3/A802
9. SCUPPER TO REMAIN. SEE DETAIL 4/A802
10. REMOVE & REINSTALL WEATHER ANTENNA AS REQUIRED TO ACCOMMODATE NEW WORK.
11. REMOVE & REINSTALL DUCT SUPPORT AS REQUIRED TO ACCOMMODATE NEW WORK.
12. CUT & CAP EXISTING ABANDONED VENT PIPE BELOW THE ROOF DECK. PATCH ROOFING AS REQUIRED TO MATCH EXISTING.
13. CUT & PATCH EXISTING PIPE INSULATION AS REQUIRED TO ACCOMMODATE NEW WORK.
14. CUT & PATCH ROOFING AS REQUIRED TO ACCOMMODATE CURB REPLACEMENT. MAINTAIN ALL EXISTING WARRANTIES.
15. CLOSE-UP ROOF OPENING WHERE ABANDONED FAN REMOVED WITH CONSTRUCTION TO MATCH EXISTING. MAINTAIN ALL EXISTING ROOF WARRANTIES. SEE EES-H101.
16. PROVIDE OSHA COMPLIANT NON-PENETRATING, WEIGHTED BASE ROOF GUARDRAIL, INCLUDING WEIGHTED BASE PLATES. UNISTRUT SERVICE COMPANY, OR EQUIVALENT "LORGUARD" SAFETY YELLOW. EXTEND 30 INCHES PAST UNIT ON BOTH SIDES.

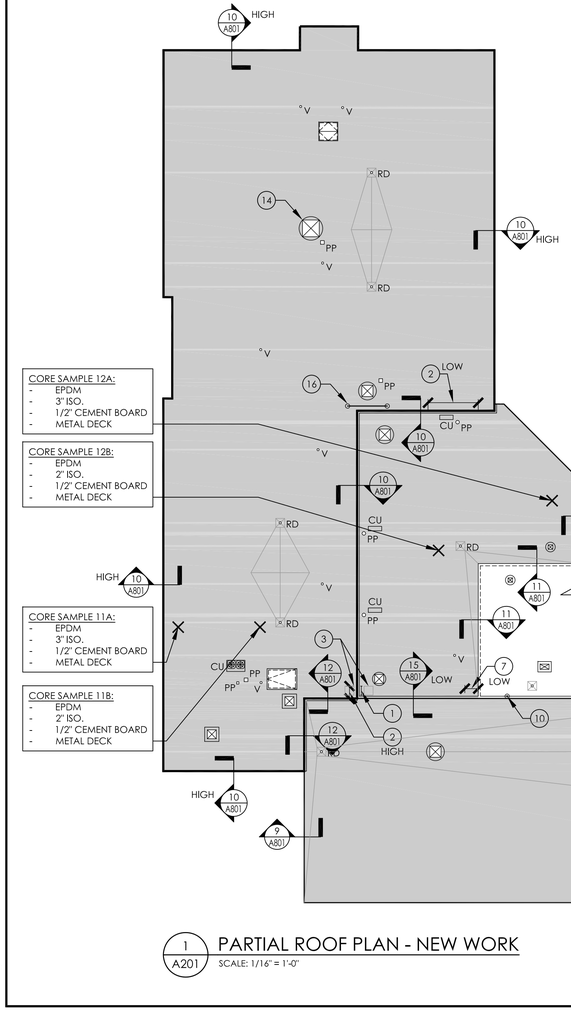
BID ALTERNATE #1:

REPLACE EXISTING ROOFING SYSTEMS IN THEIR ENTIRETY IN LIEU OF RESTORATION. REPLACEMENT WORK SHALL INCLUDE REMOVAL OF EXISTING ROOFING, INCLUDING TRIM, FASCIA, FLASHINGS, INSULATION, ETC., IN THEIR ENTIRETY DOWN TO EXISTING ROOF DECK, & REPLACE WITH NEW ROOFING SYSTEMS SPECIFIED. WORK TO INCLUDE REPLACING CORES AT ALL ROOF TOP EQUIPMENT. SEE "DETAIL SCHEDULE" BELOW:

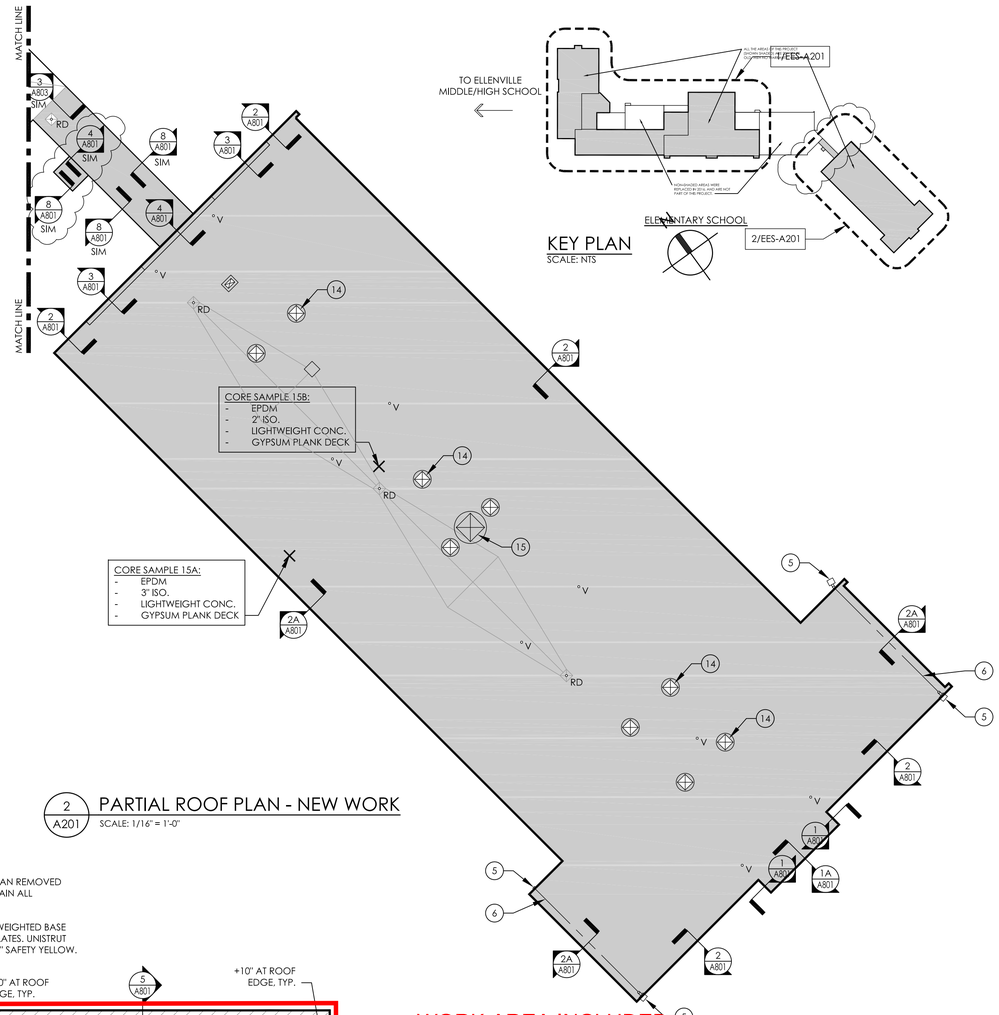
DETAIL SCHEDULE

RESTORATION DETAIL SHOWN ON ROOF PLANS (BASE BID)	CORRESPONDING REPLACEMENT DETAIL (BID ALTERNATE #1)
1/A801	1/A807
1A/A801	2/A807
2/A801	1/A807
2A/A801	2/A807
3/A801	3/A807
4/A801	4/A807
*5/A801	-
6/A801	6/A807
7/A801	7/A807
8/A801	8/A807
9/A801	9/A807
10/A801	10/A807
11/A801	11/A807
12/A801	12/A807
**13/A801	-
**14/A801	-
15/A801	15/A807
1/A802	1/A808
2/A802	2/A808
3/A802	3/A808
**4/A802	-
6/A802	6/A802
1/A803	1/A811
2/A803	2/A811
3/A803	3/A811
5/A803	5/A811
6/A803	6/A811
7/A803	7/A811
8/A803	8/A811

* FULL REPLACEMENT (BASE BID ONLY)
** RESTORATION ONLY (BASE BID ONLY)



1 A201 PARTIAL ROOF PLAN - NEW WORK
SCALE: 1/16" = 1'-0"



2 A201 PARTIAL ROOF PLAN - NEW WORK
SCALE: 1/16" = 1'-0"

WORK AREA INCLUDED IN PHASE 1 PROJECT.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	03/26/2021	RG	SED ADDENDUM NO. 1
2	04/30/2021	RO	ADD CANOPY ROOF AT ES LINK

ELLENVILLE
CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
PHASE 2A: ROOFING RESTORATION
ELLENVILLE ES: SED# 62-20-02-06-0-008-009
ELLENVILLE MS/HS: SED# 62-20-02-06-0-001-027

DATE	DRAWN	CHECKED
10/02/2020	RG	MJ

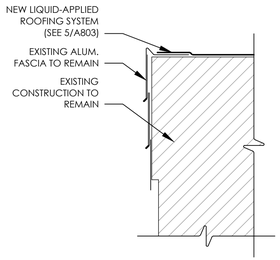
SCALE: AS NOTED

SHEET TITLE
ELEMENTARY SCHOOL
NEW WORK ROOF
PLAN & NOTES

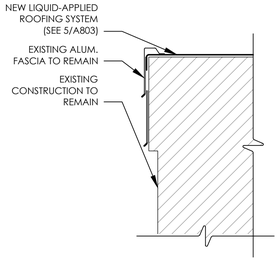
PROJECT NUMBER
14426.04

EES
A201
DRAWING NUMBER

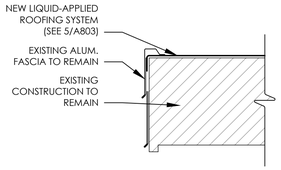
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION.



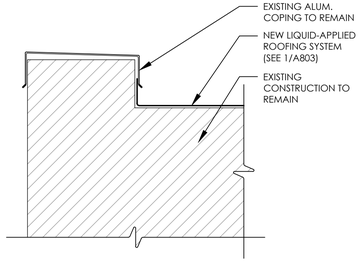
1 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



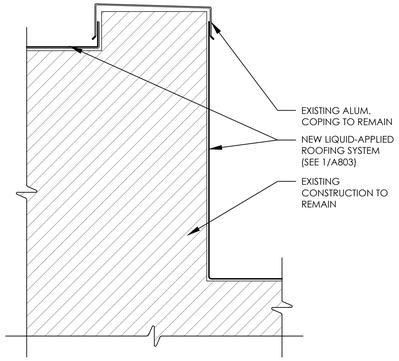
2 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



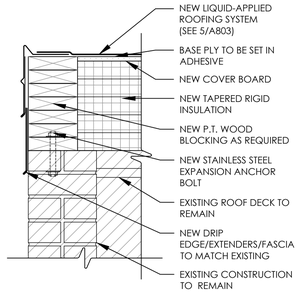
2A A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



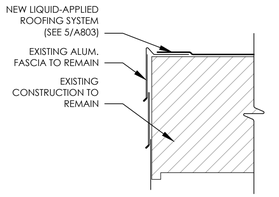
3 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



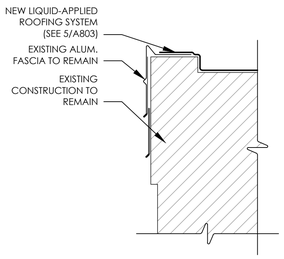
4 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



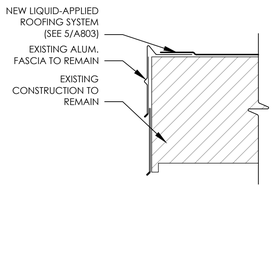
5 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



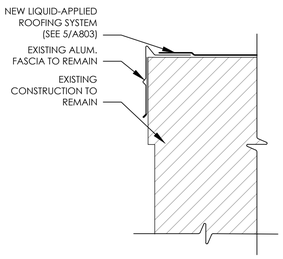
1A A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



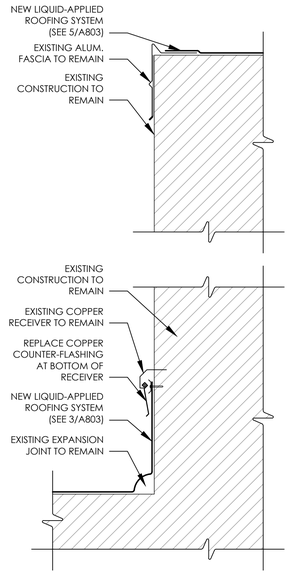
7 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



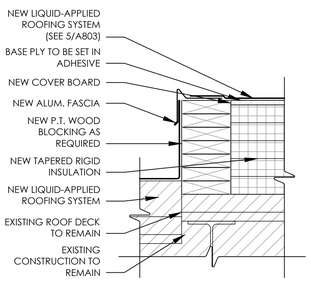
8 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



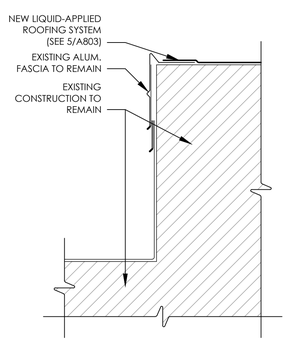
9 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



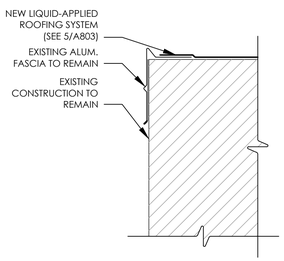
10 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"

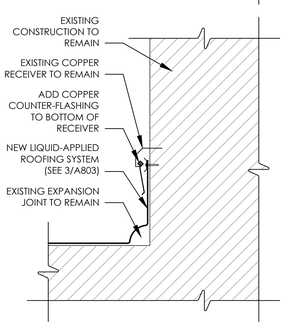


6 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"

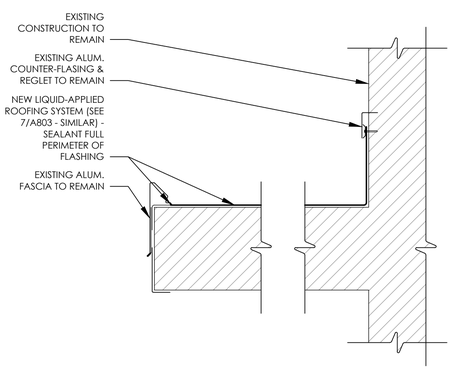


11 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"

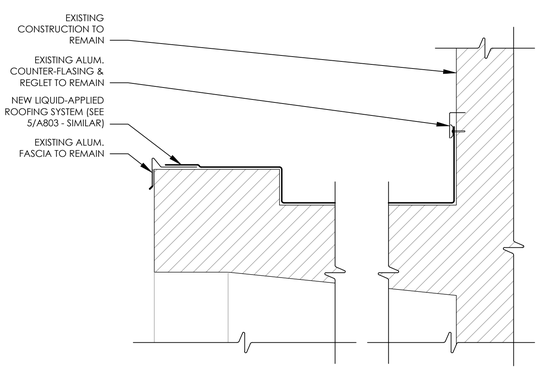




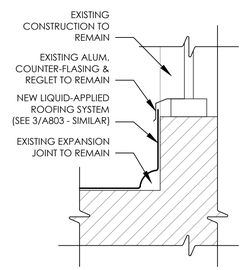
12 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



13 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



14 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



15 A801 FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLE
CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
PHASE 2A: ROOFING RESTORATION
ELLENVILLE ES: SED# 62-20-02-06-0-008-009
ELLENVILLE MS/HS: SED# 62-20-02-06-0-001-027

DATE	DRAWN	CHECKED
10/02/2020	RG	MJ

SCALE: AS NOTED

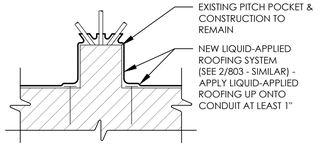
SHEET TITLE
ELEMENTARY SCHOOL
NEW WORK ROOF
DETAILS - BASE BID

PROJECT NUMBER
14426.04

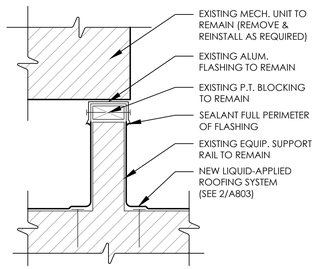
EES
A801
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS THEY ARE A LICENSED ARCHITECT OR ENGINEER OR AN EMPLOYEE OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS OR HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

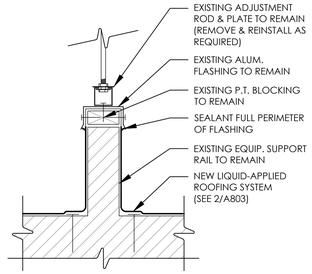
Plotted By: Mark Johnson
Date last plotted: 4/15/2021 3:09 PM
Date last accessed: 4/15/2021 3:09 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A8\Phase 2A Roof Restoration\EES ROOF A800s.dwg



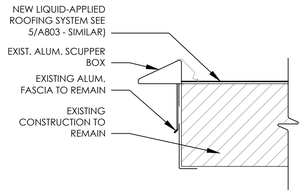
1 A802 TYP. PITCH POCKET DETAIL
SCALE: 1 1/2" = 1'-0"



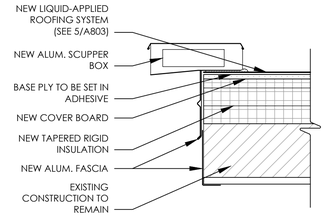
2 A802 TYP. MECH. RAIL SUPPORT DETAIL
SCALE: 1 1/2" = 1'-0"



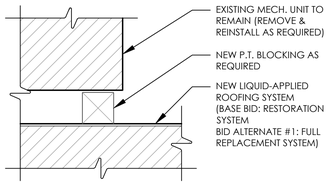
3 A802 TYP. DUCT SUPPORT DETAIL
SCALE: 1 1/2" = 1'-0"



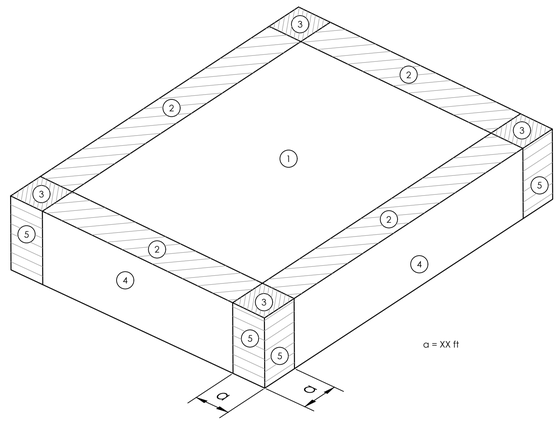
4 A802 TYP. SCUPPER DETAIL
SCALE: 1 1/2" = 1'-0"



5 A802 TYP. SCUPPER DETAIL
SCALE: 1 1/2" = 1'-0"



6 A802 TYP. CONDENSING UNIT DETAIL
SCALE: 1 1/2" = 1'-0"



COMPONENTS AND CLADDING PRESSURES					
	COMPONENT TRIBUTARY AREA				
ZONE	10 SQ. FT.	20 SQ. FT.	50 SQ. FT.	100 SQ. FT.	500 SQ. FT.
1	21.1 psf	20.5 psf	19.8 psf	19.3 psf	19.3 psf
2	35.3 psf	31.5 psf	26.6 psf	22.8 psf	22.8 psf
3	53.23 psf	44.1 psf	31.9 psf	22.8 psf	22.8 psf
4	22.8 psf	21.8 psf	20.6 psf	19.7 psf	17.5 psf
5	28.2 psf	26.3 psf	23.8 psf	21.8 psf	17.5 psf

COMPONENTS AND CLADDING DIAGRAM

PRESSURES ARE ASSUMED TO ACT IN EITHER DIRECTION.

1. WIND DESIGN DATA
WIND PRESSURES ARE BASED ON CHAPTER 26 OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7 AND THE FOLLOWING CRITERIA:

A.	ULTIMATE DESIGN WIND SPEED (Vult):	120 MPH (3 SECOND GUST)
B.	NOMINAL DESIGN WIND SPEED (Vasd):	93 MPH
C.	RISK CATEGORY:	III
D.	WIND EXPOSURE CATEGORY:	C
E.	INTERNAL PRESSURE COEFFICIENT (GCPI):	+0.18/-0.18
COMPONENTS AND CLADDING:		SEE DIAGRAM

7 A802 WIND DESIGN DATA
SCALE: NTS

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS

NO.	DATE	BY	DESCRIPTION

ELLENVILLE
CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
PHASE 2A: ROOFING RESTORATION
ELLENVILLE ES: SED# 62-20-02-06-0-008-009
ELLENVILLE MS/HS: SED# 62-20-02-06-0-001-027

DATE	DRAWN	CHECKED
10/02/2020	RG	MJ

SCALE: AS NOTED

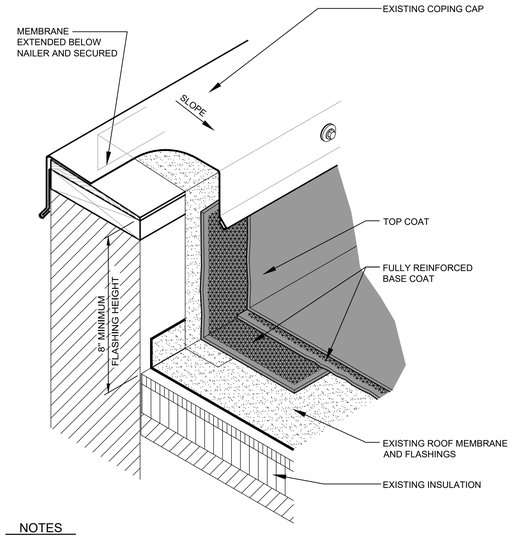
SHEET TITLE
ELEMENTARY/MIDDLE/ HIGH SCHOOL NEW WORK ROOF DETAILS - BASE BID

PROJECT NUMBER
14426.04

GEN
A802
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THE NOTATION "ALTERED" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

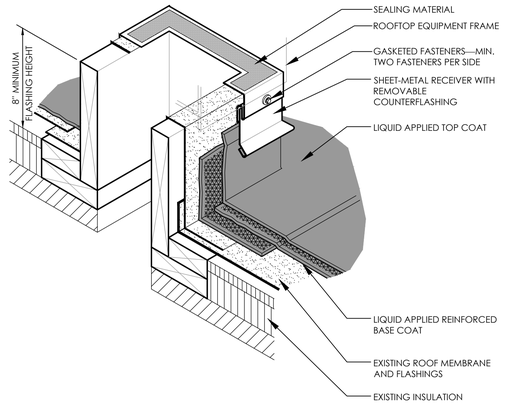
Plotted By: Ryan Gosheo
Date last plotted: 3/29/2021 4:50 PM
Date last accessed: 9/29/2020 1:34 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A8\Phase 2A Roof Restoration\EES ROOF A800s.dwg



NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

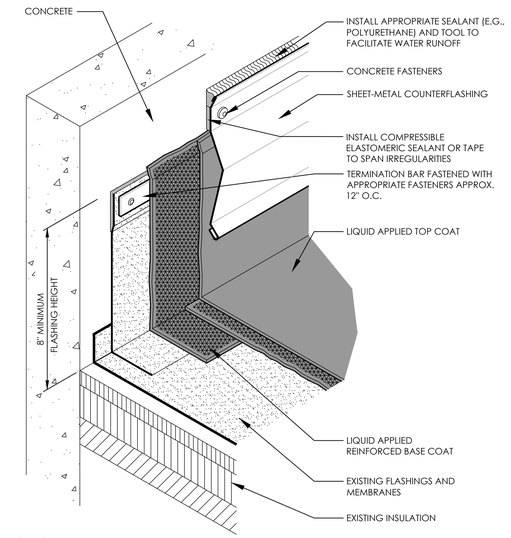
1 A803 FLASHING DETAIL AT PARAPET
SCALE: 1'-0" = 1'-0"



NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

2 A803 FLASHING DETAIL AT CURB
SCALE: 1'-0" = 1'-0"

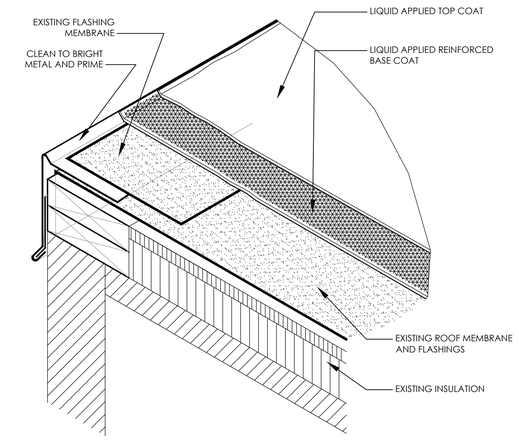


NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

3 A803 FLASHING DETAIL W/ SURFACE-MOUNTED COUNTER-FLASHING
SCALE: 1'-0" = 1'-0"

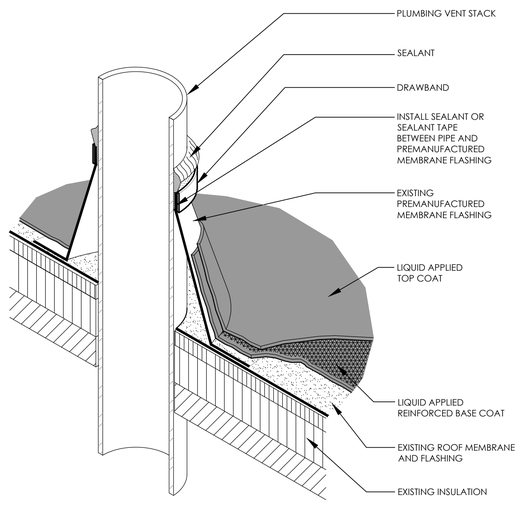
4 A803 NOT USED
SCALE: NONE



NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

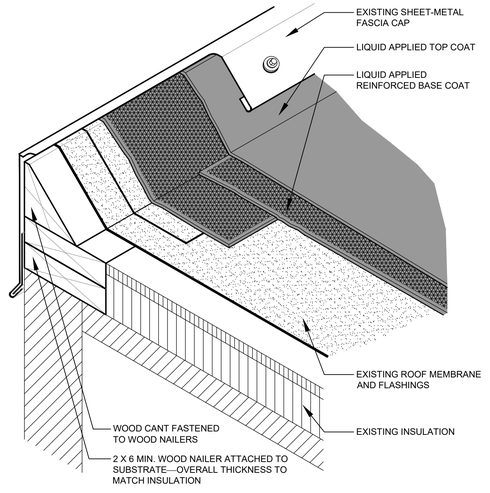
5 A803 FLASHING DETAIL AT ROOF-EDGE
SCALE: 1'-0" = 1'-0"



NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

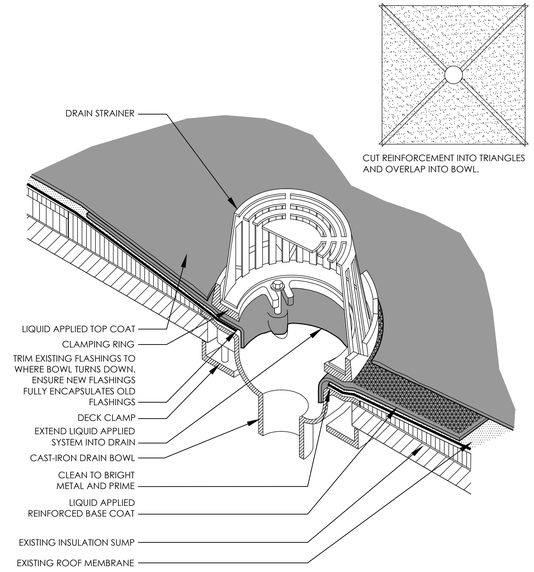
6 A803 FLASHING DETAIL AT VENT
SCALE: 1'-0" = 1'-0"



NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

7 A803 FLASHING DETAIL AT RAISED ROOF-EDGE
SCALE: 1'-0" = 1'-0"



NOTES

1. PRIMING OF THE SUBSTRATE MAY BE REQUIRED, FOLLOW SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.
2. REINFORCEMENT MUST BE FULLY SATURATED OR ENCAPSULATED IN BASE COAT PER MANUFACTURER'S WRITTEN REQUIREMENTS.

8 A803 TYPICAL ROOF DRAIN DETAIL
SCALE: 1'-0" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLE
CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
PHASE 2A: ROOFING RESTORATION
ELLENVILLE ES: SED# 62-20-02-06-0-008-009
ELLENVILLE MS/HS: SED# 62-20-02-06-0-001-027

DATE	DRAWN	CHECKED
10/02/2020	RG	MJ

SCALE: AS NOTED

SHEET TITLE
ELEMENTARY/MIDDLE/ HIGH SCHOOL NEW WORK ROOF DETAILS - BASE BID

PROJECT NUMBER
14426.04

GEN
A803
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE DOCUMENT THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Plotted By: Ryan Gosheo
Date last plotted: 3/29/2021 4:51 PM
Date last accessed: 9/29/2020 1:34 PM
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\ARCH\A8\Phase 2A Roof Restoration\EES ROOF A800s.dwg

HVAC SYMBOLS LIST

SYMBOL	DESCRIPTION
AAD	AUTOMATIC AIR DAMPER
ACC	AIR-COOLED CONDENSING UNIT
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
BBD	BOILER BLOW DOWN
BD	BACKDRAFT DAMPER
CA	COMPRESSED AIR
CD	COOLING COIL CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CR	CONDENSER WATER RETURN
CS	CONDENSER WATER SUPPLY
CW	DOMESTIC COLD WATER
D	DRAIN
(E)	EXISTING
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
ERHC	ELECTRIC REHEAT COIL
ETR	EXISTING TO REMAIN
EUH	ELECTRIC UNIT HEATER
F&T	FLOAT AND THERMOSTATIC TRAP
FCU	FAN-COIL UNIT
FPM	FEET PER MINUTE
FT	FIN-TUBE
GC	GENERAL CONTRACTOR
GR	GLYCOL RETURN
GS	GLYCOL SUPPLY
HC	HVAC CONTRACTOR
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HP	HEAT PUMP
HPC	HIGH PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
LF	LINEAR FOOTAGE OF FIN-TUBE RADIATION
LPC	LOW PRESSURE CONDENSATE
LPG	LIQUEFIED PROPANE GAS
LPS	LOW PRESSURE STEAM
MBH	1,000 BTU/HR
MC	MECHANICAL CONTRACTOR
MPC	MEDIUM PRESSURE CONDENSATE
MPS	MEDIUM PRESSURE STEAM
MRD	MONOFLO FITTING DOWN – HHWR
MSD	MONOFLO FITTING DOWN – HHWS
MUW	MAKE-UP WATER
NC	NORMALLY CLOSED
NG	NATURAL GAS
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
PC	PLUMBING CONTRACTOR
PD	PUMP DISCHARGE
PHWR	PRIMARY HEATING HOT WATER RETURN
PHWS	PRIMARY HEATING HOT WATER SUPPLY
RA	RETURN AIR
RD	REFRIGERANT DISCHARGE
RHC	HOT WATER REHEAT COIL
RLL	REFRIGERANT LIQUID PIPE
RSL	REFRIGERANT SUCTION PIPE
RTU	ROOFTOP UNIT
RV	ROOF VENT
SA	SUPPLY AIR
SHWR	SECONDARY HEATING HOT WATER RETURN
SHWS	SECONDARY HEATING HOT WATER SUPPLY
SSI	SPLIT SYSTEM INDOOR SECTION (EVAPORATOR SECTION)
SSO	SPLIT SYSTEM OUTDOOR SECTION (CONDENSING UNIT)
TC	TEMPERATURE CONTROLS CONTRACTOR
UH	UNIT HEATER
UV	UNIT VENTILATOR
V	VENT
WAHP	WATER-TO-AIR HEAT PUMP
WWHP	WATER-TO-WATER HEAT PUMP

SYMBOL	DESCRIPTION
	CONNECTION - TOP
	CONNECTION - BOTTOM
	DIRECTION OF FLOW
	REDUCER
	CAP OR PLUG
	ELBOW DOWN
	ELBOW UP
	TEE OUTLET - UP
	TEE OUTLET - DOWN
	UNION
	GATE VALVE
	BALL VALVE
	BALANCING VALVE
	STRAINER
	STRAINER WITH BLOW-DOWN
	BUTTERFLY VALVE
	BUTTERFLY CONTROL VALVE, PNEUMATIC 2-WAY
	BUTTERFLY CONTROL VALVE, ELECTRIC ACTUATOR
	GLOBE VALVE
	CHECK VALVE
	TRIPLE DUTY VALVE
	GAS COCK, PLUG VALVE
	UNDERCUT DOOR 1"
	LOUVERED DOOR W/ SQ. FT. OF FREE AREA
M	AIR VENT - MANUAL
A	AIR VENT - AUTOMATIC
	FLANGE
	CONTROL/SOLENOID VALVE, ELECTRIC 2-WAY
	CONTROL VALVE, ELECTRIC 3-WAY
	CONTROL VALVE, PNEUMATIC 2-WAY
	CONTROL VALVE, PNEUMATIC 3-WAY
	RELIEF / SAFETY VALVE
	PRESSURE REDUCING VALVE
V	VACUUM BREAKER
	FLEXIBLE PIPE CONNECTOR
	EXPANSION COMPENSATOR W/ GUIDES
	EXPANSION JOINT
	PIPE ANCHOR
	PIPE GUIDE
TT	THERMOSTATIC TRAP
FT	FLOAT & THERMOSTATIC TRAP
BT	BUCKET TRAP
TD	THERMODYNAMIC TRAP
	THERMOMETER
	WELL
	PRESSURE GAUGE
	STEAM PRESSURE GAUGE WITH 1/4" NEEDLE VALVE
	PRESSURE GAUGE WITH 1/4" NEEDLE VALVE
	PNEUMATIC (CONTROL) TUBING
	BUTTERFLY VALVE WITH PNEUMATIC AND MANUAL OPERATORS
XX	PIPING
XX	PIPING BELOW GRADE
	BASE MOUNTED PUMP
	IN-LINE PUMP
	AIR TERMINAL UNIT WITH REHEAT COIL AND SOUND ATTENUATOR
	AIR TERMINAL UNIT WITH SOUND ATTENUATOR
	AIR TERMINAL UNIT WITH REHEAT COIL
	AIR TERMINAL UNIT
W/W ENCL.	WALL TO WALL FIN TUBE ENCLOSURE

SYMBOL	DESCRIPTION
(DBL)	DOUBLE WALL LINED DUCT
20/10	DUCT SECTION - SUPPLY
20/10	DUCT SECTION - RETURN/EXHAUST
A"	DUCT SECTION - ROUND DUCT IN INCHES
AXB FO	DUCT SECTION - FLAT OVAL DUCT IN INCHES
	ACOUSTIC THERMAL LINING
	FLEXIBLE DUCTWORK
FC	FLEXIBLE CONNECTION
	FIRE DAMPER
	SMOKE DAMPER
	COMBINATION FIRE AND SMOKE DAMPER
VD	VOLUME DAMPER
	DAMPER CONTROL, PARALLEL BLADE
	DAMPER CONTROL, OPPOSED BLADE
AAD	AUTOMATIC AIR DAMPER
BDD	BACK DRAFT DAMPER
BG	BLAST GATE
20/10, 12X10, 10/20	AIR DUCT (FIRST FIGURE IS DUCT WIDTH/TOP, SECOND FIGURE IS DUCT DEPTH)
	MULTI-BLADE AIR EXTRACTOR
	TURNING VANES
	EXISTING WORK TO BE REMOVED (HATCHED)
P	POINT OF CONNECTION
R	POINT OF DISCONNECTION
	AIR FLOW SENSOR
	FILTER
	TRANSITION SQUARE TO ROUND
	HUMIDIFIER DISPERSION TUBE
RISE	RISE IN DUCT
DROP	DROP IN DUCT
	SQUARE CEILING DIFFUSER (4 WAY)
	ROUND CEILING DIFFUSER
	SQUARE OR RECTANGULAR CEILING GRILLE
	SUPPLY REGISTER, RETURN OR EXHAUST GRILLE
1-WAY 2-WAY 3-WAY	SUPPLY DIFFUSER, 1-WAY, 2-WAY, 3-WAY
8"Ø, D-3, 300 CFM	CEILING DIFFUSER WITH NECK SIZE, TYPE, & CFM
10"x10", G-3, 300 CFM	CEILING RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM
10"x8", R-2, 300 CFM	SUPPLY REGISTER WITH SIZE, TYPE, & CFM
10"x8", G-2, 300 CFM	RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM
	AIR FLOW
L1	ACOUSTIC/THERMAL DUCTWORK LINING - 1 INCH THICK
L2	ACOUSTIC/THERMAL DUCTWORK LINING - 2 INCH THICK
PL1	ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
PL2	ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK

SYMBOL	DESCRIPTION
	SUPPLY / RETURN / EXHAUST AIR TAKEOFFS (24X12, 12X10, VD; 1-1/2 TIMES BRANCH SIZE)
	SUPPLY / RETURN / EXHAUST AIR TAKEOFFS (24X12, 8"Ø, VD; 1-1/2 TIMES BRANCH SIZE)
	SUPPLY AIR TAKEOFFS (14"Ø, 10"Ø, VD; CONICAL TEE)
	SUPPLY AIR TAKEOFFS (14"Ø, 10"Ø, VD; LATERAL)
	SUPPLY AIR TAKEOFFS (24X12, 6X12, 12X10, 18X12, 20X12)
	SUPPLY/RETURN EXHAUST AIR TAKEOFFS W/ REGISTER/GRILLE/ DIFFUSER (24X12, 12X10, VD)
	SUPPLY/RETURN EXHAUST AIR END OF MAIN BRANCH TAKEOFFS (VD)
	SUPPLY/RETURN EXHAUST AIR END OF MAIN BRANCH TAKEOFFS (VD)
	LONG RADIUS 90° ELBOW R/W=1.5
	LONG RADIUS 45° ELBOW R/W=1.5
	90° ELBOW WITH TURNING VANES
	90 VERTICAL SPLIT OFF (PLAN VIEW) (18X16, 18X8)
	DUCT TURNING UP OR DOWN (20X10)
U MAX MIN	AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE MAX = MAXIMUM CFM MIN = MINIMUM CFM
U GPM MAX	AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE GPM = GALLONS PER MIN MAX = MAXIMUM GPM
U MAX MIN FAN	FAN POWERED AIR TERMINAL UNIT U - UNIT TYPE MAX = PRIMARY MAX CFM MIN = PRIMARY MIN CFM FAN = FAN CFM
TYPE, COIL SIZE, CLNG GPM, HTNG GPM	TYPE = VALANCE TYPE COIL SIZE = COIL LENGTH CLNG GPM = COOLING GPM HTNG GPM = HEATING GPM
X XX	X = DIFFUSER OR GRILL TYPE XX = AIR FLOW VALUE (CFM)

SYMBOL	DESCRIPTION
	ELECTRIC/PNEUMATIC SWITCH OR RELAY
	PNEUMATIC/ELECTRIC SWITCH OR RELAY
CT	CURRENT TRANSDUCER
	OPEN/CLOSED
	START/STOP
	ENABLE/DISABLE
	TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)
	HUMIDITY SENSOR (DUCT MOUNTED)
	FLOW TRANSMITTER
	PRESSURE TRANSMITTER
	DIFFERENTIAL PRESSURE TRANSMITTER
	ELECTRIC/PNEUMATIC TRANSDUCER
	ELECTRIC/ELECTRONIC TRANSDUCER
	DUCT SMOKE DETECTOR
T	SPACE THERMOSTAT
	SPACE TEMPERATURE SENSOR
CO_2	SPACE CARBON DIOXIDE SENSOR
CH_4	SPACE NATURAL GAS SENSOR
CO	SPACE CARBON MONOXIDE SENSOR
G	SPACE SENSOR WITH GUARD
H	SPACE HUMIDISTAT
FS	WATER FLOW SENSOR
	PNEUMATIC ACTUATOR
	ELECTRIC ACTUATOR
VSD VFD	VARIABLE SPEED / FREQUENCY DRIVE
	COOLING COIL
	HEATING COIL
	GAS FURNACE
H	HUMIDIFIER
A	ALARM
S	STATUS
FS	FLOW SWITCH
ΔP	DIFFERENTIAL STATIC PRESSURE SWITCH
R	RELAY
	PRESSURE GAUGE
FZ	FREEZE-STAT
DI	DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)
DO	DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)
AO	ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)
AI	ANALOG INPUT (TO BUILDING MANAGEMENT SYSTEM)
	ELECTRICAL INTERFACE
SF	SPEED FEED BACK
ES	END SWITCH
PF	POSITION FEEDBACK
	TRAVERSE AVERAGING SENSOR
	PROBE SENSOR
	FREEZE STAT SENSOR

SYMBOLS GENERAL NOTES:

1) VALVE AND DAMPER ACTUATOR TYPES (ELECTRIC OR PNEUMATIC) WHICH ARE INDICATED IN HVAC TEMPERATURE CONTROL DRAWINGS SHALL SUPERSEDE TYPE INDICATED ON ALL OTHER HVAC DRAWINGS.

HVAC CONTRACTOR GENERAL NOTES:

A. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.

B. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE EXISTING CEILINGS SHALL BE REMOVED IN A MANNER TO AVOID DAMAGE TO THE CEILING SYSTEMS. STORAGE OF CEILING SYSTEM COMPONENTS FOR REINSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE STORAGE OF ALL MATERIAL SHALL BE IN AREAS OR LOCATIONS APPROVED BY THE OWNER. THE OWNER WILL NOT COMPENSATE FOR ANY DAMAGED OR LOST MATERIAL WHILE IN STORAGE. AFTER COMPLETION OF ALL DEMOLITION OR NEW WORK, THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION.

C. DEMOLITION DRAWINGS SHOW MAJOR EQUIPMENT, PIPING, AND DUCTWORK REMOVALS. THE INTENT IS NOT TO IDENTIFY ALL MISCELLANEOUS PIPING, PIPING ACCESSORIES, DUCTWORK, DUCTWORK ACCESSORIES, SUPPORTS, CONTROLS, CONTROL ACCESSORIES, CONTROL WIRING, CONDUIT, AND PNEUMATIC CONTROL TUBING TO BE DISCONNECTED AND REMOVED, BUT IS THE REQUIREMENT UNDER THIS CONTRACT. NO EQUIPMENT, PIPING, OR DUCTWORK SHALL BE ABANDONED IN PLACE, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

D. ALL EQUIPMENT INDICATED TO BE TURNED OVER TO THE OWNER SHALL BE DISCONNECTED AND REMOVED FROM THE EXISTING SYSTEMS AND DELIVERED (INCLUDING LOADING AND UNLOADING) TO A STORAGE AREA WITHIN THE BUILDING AS SELECTED BY THE OWNER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ANY EQUIPMENT DAMAGED DURING REMOVAL AND DELIVERY. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS TO THE EQUIPMENT.

E. BEFORE DISCONNECTING, REMOVING, OR SERVICING ANY AIR CONDITIONING EQUIPMENT OR SYSTEMS CONTAINING REFRIGERANTS, THE EQUIPMENT OR SYSTEMS SHALL BE EVACUATED OF ALL REFRIGERANT PER THE LATEST ADOPTED RULES AND REGULATIONS BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA). THE CONTRACTOR OR TECHNICIAN PERFORMING THE WORK SHALL BE CERTIFIED BY AN EPA APPROVED CERTIFYING AGENCY OR ORGANIZATION.

F. ALL DUCTWORK, PIPING, AND CONDUIT PENETRATIONS THROUGH RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPINGS PER SPECIFICATION. REFER TO CODE ANALYSIS DRAWING FOR ALL RATED WALL LOCATIONS. ALL FLOORS SHALL BE CONSIDERED RATED.

G. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THIS CONTRACT TO PATCH AND FINISH ALL EXISTING DUCTWORK OR PIPE PENETRATIONS THROUGH FLOORS, ROOFS, INTERIOR WALLS, AND EXTERIOR WALLS AFTER DEMOLITION WORK. IN ADDITION, ALL NEW PENETRATIONS SHALL BE PROVIDED FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, CURBING, DUCTWORK, PIPING, CONTROLS, ETC. PATCHING AND FINISHING SHALL MATCH EXISTING CONSTRUCTION INCLUDING FIRE RATINGS. PROVIDE LINTELS PER LINTEL SCHEDULE.

H. IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL AIR VENTS AND DRAINS IN THE PIPING SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AIR VENTS AT ALL SYSTEM HIGH POINTS AND AT AREAS WITHIN THE PIPING SYSTEMS THAT COULD ACCUMULATE OR TRAP AIR WHICH WOULD PREVENT PROPER VENTING OR OPERATION OF THE SYSTEMS. DRAINS SHALL BE PROVIDED AT ALL LOW POINTS WITHIN THE PIPING SYSTEM TO FACILITATE COMPLETE DRAINING OF THE SYSTEM .

I. PROVIDE THERMAL EXPANSION COMPENSATORS AND THERMAL EXPANSION LOOPS IN PIPING SYSTEM PER INDUSTRY STANDARDS.

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLE
CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
PHASE 2A: ROOFING RESTORATION
ELLENVILLE ES: SED# 62-20-02-06-0-008-009
ELLENVILLE MS/HS: SED# 62-20-02-06-0-001-027

DATE	DRAWN	CHECKED
10/02/2020	BKM	AS

SCALE AS NOTED

SHEET TITLE
MECHANICAL SYMBOLS LIST

PROJECT NUMBER
14426.04

GEN
H000
DRAWING NUMBER

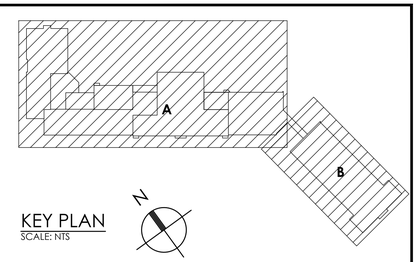
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145 FOR COMMISSIONERS REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS OR HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\MECH\H0\Phase 2A Roof\H000.dwg
Date last accessed: 3/17/2021 10:22 AM
Date last plotted: 3/30/2021 8:56 AM
Plotted By: Ryan Goshea

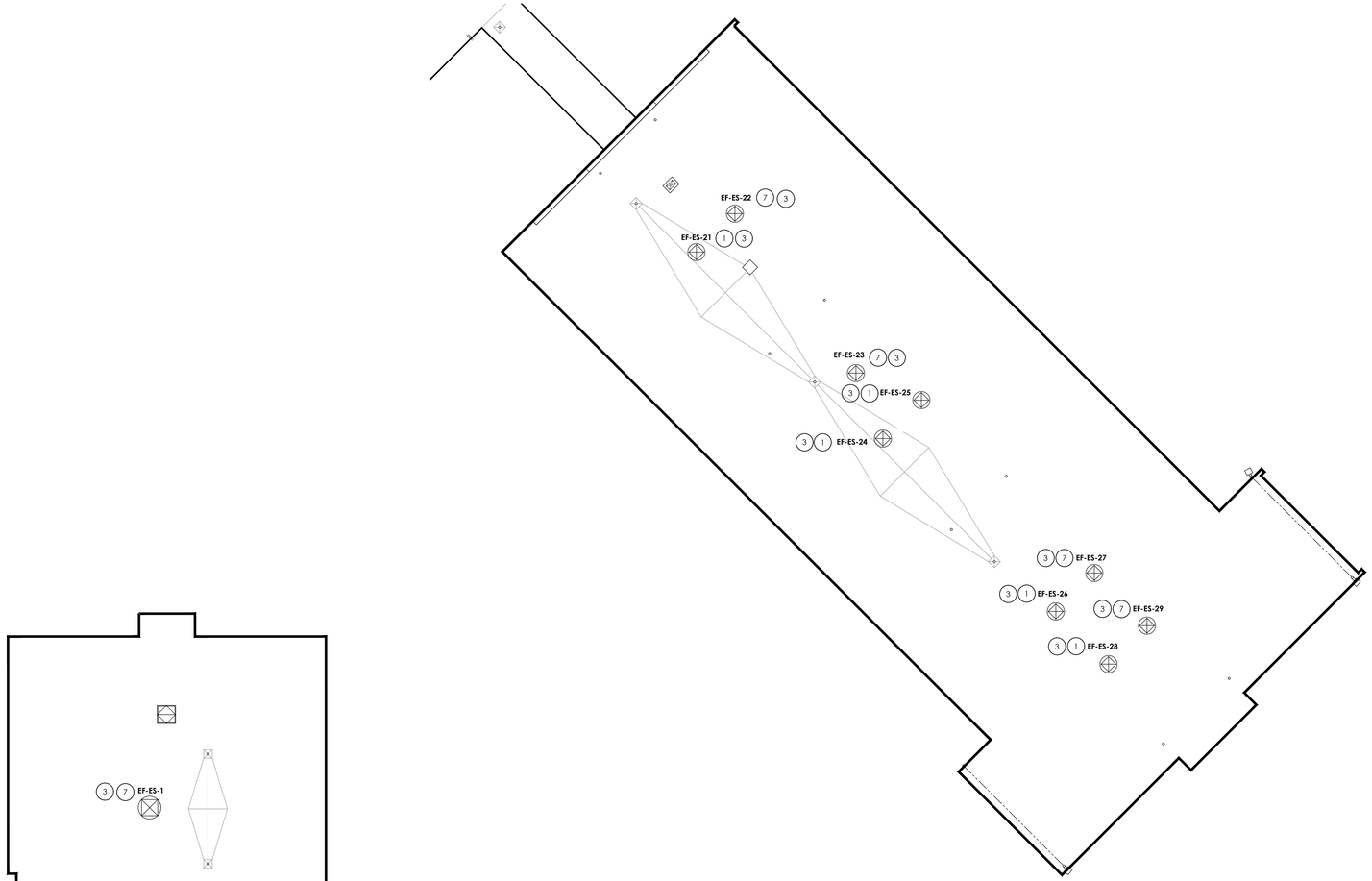
Drawing Name: S:\Projects\Ellenville CSD\2019 Bond Ref\D Design\06 CAD\AutoCAD\MECH\H2\Phase 2A Roof\EES H201.dwg
Date last accessed: 3/23/2021 10:18 AM
Date last plotted: 3/30/2021 9:01 AM
Plotted By: Ryan Goshea

KEY NOTES:

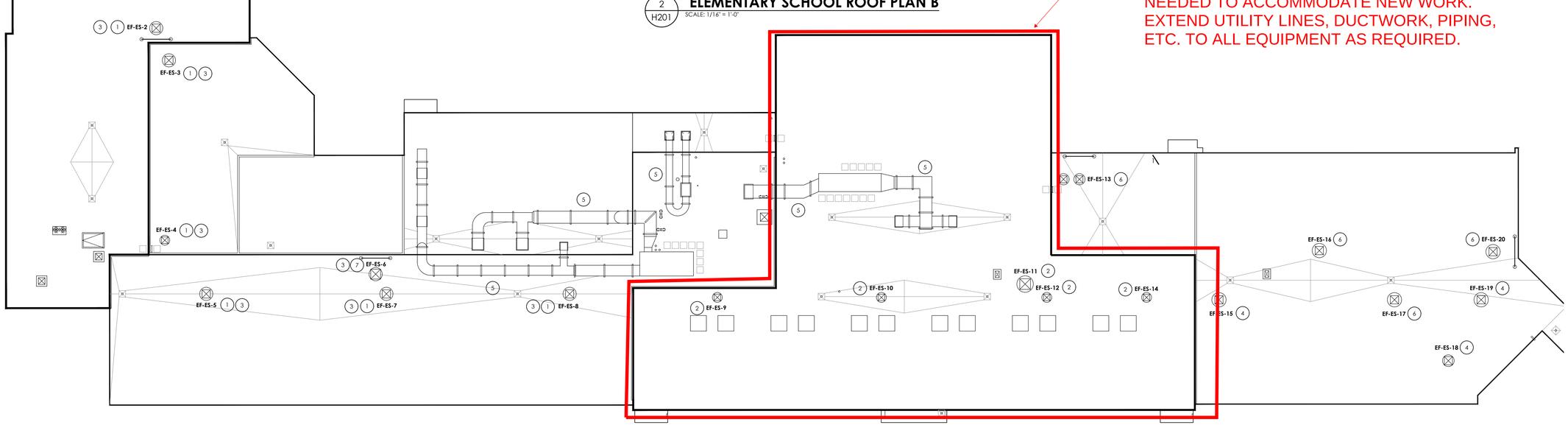
1. INSTALL NEW EXHAUST FAN ON EXISTING CURB IN LOCATION OF REMOVED FAN. CONNECT TO EXISTING WIRING TAGGED FOR RE-USE. RECONNECT TO EXISTING CONTROLS.
2. INSTALL NEW EXHAUST FAN IN LOCATION OF REMOVED FAN. PROVIDE NEW CURB AND CONNECT TO EXISTING DUCTWORK. CONNECT TO EXISTING WIRING TAGGED FOR RE-USE. RECONNECT TO EXISTING CONTROLS.
3. ALTERNATE 1: PROVIDE NEW CURB AND CONNECT TO EXISTING DUCTWORK. CONNECT TO EXISTING WIRING TAGGED FOR RE-USE. RECONNECT TO EXISTING CONTROLS
4. ALTERNATE 2: INSTALL NEW EXHAUST FAN ON EXISTING CURB IN LOCATION OF REMOVED FAN. CONNECT TO EXISTING WIRING TAGGED FOR RE-USE. RECONNECT TO EXISTING CONTROLS.
5. REPAIR EXISTING ROOFTOP DUCTWORK INSULATION WRAP WHERE DAMAGED. APPROXIMATELY 50 LINEAR FEET.
6. ALTERNATE 2: INSTALL NEW EXHAUST FAN ON NEW CURB IN LOCATION OF REMOVED FAN. CONNECT TO EXISTING WIRING TAGGED FOR REUSE. RECONNECT TO EXISTING CONTROLS.
7. INSTALL NEW EXHAUST FAN ON NEW CURB IN LOCATION OF REMOVED FAN. CONNECT TO EXISTING WIRING TAGGED FOR REUSE. RECONNECT TO EXISTING CONTROLS.



KEY PLAN
SCALE: NTS



2 H201 **ELEMENTARY SCHOOL ROOF PLAN B**
SCALE: 1/16" = 1'-0"



WORK AREA INCLUDED IN PHASE 1 PROJECT. MECHANICAL CONTRACTOR SHALL REMOVE AND REINSTALL EXISTING ROOFTOP EQUIPMENT, PIPING, CONDUIT, HATCHES, DUCTWORK, LIGHTING, ANTENNA, ETC. AS NEEDED TO ACCOMMODATE NEW WORK. EXTEND UTILITY LINES, DUCTWORK, PIPING, ETC. TO ALL EQUIPMENT AS REQUIRED.

1 H201 **ELEMENTARY SCHOOL ROOF PLAN A**
SCALE: 1/16" = 1'-0"

CPLteam.com
ARCHITECTURE ▪ ENGINEERING ▪ PLANNING
50 FRONT STREET, SUITE 202
NEWBURGH, NEW YORK 12550
TEL (800) 274-9000

REVISIONS NO.	DATE	BY	DESCRIPTION

ELLENVILLE
CENTRAL SCHOOL DISTRICT
2020 CAPITAL IMPROVEMENT PROJECT
PHASE 2A: ROOFING RESTORATION
ELLENVILLE ES: SED# 62-20-02-06-0-008-009
ELLENVILLE MS/HS: SED# 62-20-02-06-0-001-027

DATE	DRAWN	CHECKED
10/02/2020	BKM	AS

SCALE AS NOTED

SHEET TITLE
HVAC ELEMENTARY SCHOOL ROOF NEW WORK PLAN

PROJECT NUMBER
14426.04

EES
H201
DRAWING NUMBER

© COPYRIGHT CPL ARCHITECTURE ENGINEERING PLANNING, P.C. ALL RIGHTS RESERVED. THE ALTERED OR UNALTERED USE OF THESE DRAWINGS AND SPECIFICATIONS FOR ANY PURPOSE WHATSOEVER MAY ONLY BE MADE WITH THE PRIOR WRITTEN AUTHORIZATION OF CPL ARCHITECTURE ENGINEERING PLANNING, P.C. UNAUTHORIZED USE OF THESE DRAWINGS AND SPECIFICATIONS WITHOUT THE EXPRESS AND WRITTEN PERMISSION OF CPL ARCHITECTURE ENGINEERING PLANNING, P.C. SHALL BE AT THE SOLE RISK OF THE USER, AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO CPL ARCHITECTURE ENGINEERING PLANNING, P.C. ALL TITLES, STATUTORY AND COMMON LAW RIGHTS INCLUDING COPYRIGHT, PROPERTY AND EDITION RIGHTS ARE RESERVED BY CPL ARCHITECTURE ENGINEERING PLANNING, P.C. ALL COMMUNICATIONS REGARDING THESE PLANS AND SPECIFICATIONS SHALL BE DIRECTED TO CPL ARCHITECTURE ENGINEERING PLANNING, P.C. ONLY. ANY REPRODUCTION OF THESE DRAWINGS AND SPECIFICATIONS SHALL BEAR THE NOTICE OF COPYRIGHT AS NOTED ABOVE. THE ALTERED OR UNALTERED USE OF THESE DRAWINGS AND SPECIFICATIONS FOR ANY PURPOSE WHATSOEVER MAY ONLY BE MADE WITH THE PRIOR WRITTEN AUTHORIZATION OF CPL ARCHITECTURE ENGINEERING PLANNING, P.C. UNAUTHORIZED USE OF THESE DRAWINGS AND SPECIFICATIONS WITHOUT THE EXPRESS AND WRITTEN PERMISSION OF CPL ARCHITECTURE ENGINEERING PLANNING, P.C. SHALL BE AT THE SOLE RISK OF THE USER, AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO CPL ARCHITECTURE ENGINEERING PLANNING, P.C. ALL TITLES, STATUTORY AND COMMON LAW RIGHTS INCLUDING COPYRIGHT, PROPERTY AND EDITION RIGHTS ARE RESERVED BY CPL ARCHITECTURE ENGINEERING PLANNING, P.C. ALL COMMUNICATIONS REGARDING THESE PLANS AND SPECIFICATIONS SHALL BE DIRECTED TO CPL ARCHITECTURE ENGINEERING PLANNING, P.C. ONLY. ANY REPRODUCTION OF THESE DRAWINGS AND SPECIFICATIONS SHALL BEAR THE NOTICE OF COPYRIGHT AS NOTED ABOVE.