ADDITIONS AND RENOVATIONS TO:
HILLSDALE ELEMENTARY SCHOOL

725 West Market Street
West Chester, PA 19382

ILLUSTRATION INDICATED DEMISING INTENT AND MAY NOT REFLECT FINAL DETAILS

1 LOCATION MAP
CS.1 SCALE: NOT TO SCALE

KEY INFORMATION

PROJECT DESCRIPTION:
LEVEL 3 ALTERATION OF TWO STORY, 72,300 SF ELEMENTARY SCHOOL WITH MULTIPLE ONE-STORY ADDITIONS TOTALING 7,490 INCLUDING A NEW CLASSROOM (4) WING, ENTRANCE LOBBY, STORAGE ROOM(S) AND A TWO STORY EGRESS STAIR.

OCCUPANCY CLASSIFICATION: E - EDUCATION

CONSTRUCTION TYPE: TYPE IIB

AUTOMATIC SPRINKLER SYSTEM: YES - NFPA 13

CLIMATE ZONE: A4

AUTHORITY HAVING JURISDICTION: EAST BRADFORD TOWNSHIP

ALTERNATES

ALTERNATE NO. 1 (GC-1):
IN LIEU OF ACOUSTICAL WALL PANELING IN GYM AND CAFETERIA PROVIDE EXISTING TO REMAIN.

ALTERNATE NO. 2 (RC-1):
IN LIEU OF STANDING SEAM METAL ROOF SYSTEM PROVIDE 50 YEAR ASPHALT SHINGLE ROOFING SYSTEM.

ALTERNATE NO. 3 (RC-2):
IN LIEU OF EPDM ROOFING SYSTEM PROVIDE MODIFIED BITUMEN ROOFING MEMBRANE SYSTEM.

ALTERNATE NO. 4 (MC-1):
IN LIEU OF AERCO BMK/RBI FLEXCORE CK/RAYPAK XVERS BOILERS PROVIDE ATH KN SERIES BOILERS.

ALTERNATE NO. 5 (GC-2):
IN LIEU OF VCT IN GYM AND CAFETERIA PROVIDE RUBBER FLOORING.

STANDARD GENERAL NOTES

1. THE SPECIFICATIONS ARE THAT PORTION OF THE CONTRACT DOCUMENTS CONSISTING OF THE WRITTEN REQUIREMENTS FOR MATERIALS, EQUIPMENT, SYSTEMS, STANDARDS AND WORKMANSHIP FOR THE WORK, AND THE PERFORMANCE OF RELATED SERVICES, WHETHER PRINTED OR IN PORTABLE DOCUMENT FORMAT (PDF), THE SPECIFICATIONS THAT HAVE BEEN PREPARED AS A LETTER-SIZE MANUAL COMPLEMENT THE DRAWINGS BOUND HEREIN, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL.
2. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL BUILDING CODES AND ALL OTHER GOVERNING AGENCIES AND REGULATIONS.
3. CONTRACTOR SHALL OBTAIN ALL REQUIRED BUILDING PERMITS AND LICENSES.
4. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, SITE SAFETY, EROSION AND SEDIMENTATION CONTROL, AND COORDINATING THE WORK OF ALL TRADES UNDER THE CONTRACT.
5. CONTRACTOR SHALL PROVIDE SUPERVISION WHILE ANY SUBCONTRACTORS OR WORKERS ARE ON THE JOB SITE AND SHALL SUPERVISE AND DIRECT ALL WORK.
6. CONTRACTOR SHALL FULLY ACQUAINT THEMSELVES WITH THE CONDITIONS OF THE CONTRACT, LOCAL CONDITIONS RELATING TO LOCATION, ACCESSIBILITY AND GENERAL CHARACTER OF THE CONSTRUCTION SITE AND LOCAL LABOR CONDITIONS SO THAT HE UNDERSTANDS THE NATURE, EXTENT, DIFFICULTIES, AND RESTRICTIONS RELATED TO THE EXECUTION OF WORK. NOTIFY ARCHITECT OF ALL DISCREPANCIES PRIOR TO COMMENCING WORK.
7. CONTRACTOR SHALL INVESTIGATE JOB SITE TO COMPARE CONTRACT DOCUMENTS AND EXISTING CONDITIONS. INCLUDE COST FOR ALL WORK DESCRIBED IN CONTRACT DOCUMENTS AND REQUIRED OR IMPLIED BY EXISTING CONDITIONS.
8. SUBMISSION OF PRICING BY THE CONTRACTOR SHALL BE EVIDENCE THAT THE CONTRACTOR HAS FULLY EVALUATE POTENTIAL PROBLEMS. LATER ADDITIONAL COST CLAIMS FOR LABOR, EQUIPMENT, MATERIAL, AND HARDSHIP (EXCEPT FOR CONDITIONS CONCEALED) WILL NOT BE CONSIDERED.
9. CONTRACTOR SHALL NOTIFY ARCHITECT OF DISCREPANCIES REGARDING THE CONTRACT DOCUMENTS OR DESIGN INTENT IMMEDIATELY UPON DISCOVERY. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION PRIOR TO PROCEEDING WITH THE WORK OR RELATED WORK.
10. CONTRACTOR SHALL PROVIDE ALL INSPECTIONS AND TESTS REQUIRED BY STATE AND LOCAL AUTHORITIES INCLUDING BUT NOT LIMITED TO EARTHWORK, CONCRETE, STEEL ERECTION, MECHANICAL, ELECTRICAL, PLUMBING AND SPRINKLER, WORK. REFER TO INDIVIDUAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL TESTING REQUIREMENTS.
11. CONTRACTOR SHALL COMPLY AND COORDINATE ALL WORK WITH BUILDING OWNER REGARDING HEAT, WATER, ELECTRICITY, DELIVERIES, ACCESS, ELEVATOR AVAILABILITY, NOISE CONTROL, TRASH AND DEBRIS REMOVAL, HOISTING, AND ANY OTHER UTILITIES OR OWNER'S RULES AND REGULATIONS CONCERNING THE PROJECT SITE.
12. CONTRACTOR SHALL COORDINATE SCHEDULING, PROVISIONS FOR INSTALLATION, LOCATIONS AND THE ACTUAL INSTALLATION OF ITEMS FURNISHED BY OWNER OR BY OTHERS.
13. CONTRACTOR SHALL VERIFY EQUIPMENT LOCATIONS WITH OWNER PRIOR TO INSTALLATION.
13. CONTRACTOR SHALL COMPLY WITH MANUFACTURER'S INSTRUCTIONS WHEN RELOCATING AND/OR INSTALLING ANY EQUIPMENT AND FURNISHINGS.
14. CONTRACTOR SHALL MAINTAIN ALL EXITS, EXIT LIGHTING, FIRE PROTECTION DEVICES AND LIFE SAFETY SYSTEMS IN WORKING ORDER. CONTRACTOR TO PROVIDE TEMPORARY FIRE EXTINGUISHERS DURING THE COURSE OF CONSTRUCTION AS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION.
15. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND IS RESPONSIBLE FOR ALL PHASES INCLUDING BIDDING, FABRICATION, COORDINATION AND CONSTRUCTION. CONTRACT DRAWINGS ARE NOT INTENDED TO REPRESENT EXACT DIMENSIONS.
16. CONTRACTOR SHALL SUBMIT FOR ARCHITECT'S REVIEW PRIOR TO FABRICATION OR PURCHASE, SHOP DRAWINGS OR SAMPLES FOR ALL MILLWORK, CUSTOM METALWORK, CUSTOM CASEWORK, AND ALL OTHER ITEMS AS REQUESTED BY THE ARCHITECT FOR ALL ABOVE BUILDING STANDARD ITEMS.
17. CONTRACTOR SHALL INSTALL AND MAINTAIN ALL NECESSARY COVERINGS, PROTECTIVE ENCLOSURES, TEMPORARY DOORS AND PARTITIONS AND DUST BARRIERS TO PROTECT ALL OCCUPANTS AND EXISTING WORK AND FINISHES TO REMAIN. LOCATION OF SUCH PROTECTION SHALL BE VERIFIED WITH OWNER AND LOCAL CODE OFFICIALS FOR EGRESS CONFORMANCE, PRIOR TO COMMENCING WORK AND IN COORDINATION WITH PROGRESSION OF WORK SCHEDULE. PERFORM WORK IN A MANNER THAT WILL AVOID HAZARDS TO PERSONS IN ADJACENT AREAS AND THAT WON'T INTERFERE WITH WORK OR PASSAGE TO ANY OF THESE AREAS. REPAIR AND REPLACE ANY DAMAGES CAUSED BY IMPROPER PROTECTIONS AT NO ADDITIONAL CHARGE TO OWNER.
18. CONTRACTOR SHALL EXAMINE ALL SURFACES TO DETERMINE THAT THEY ARE SOUND, DRY, CLEAN AND READY TO RECEIVE FINISHES PRIOR TO INSTALLATION. START OF INSTALLATION SHALL IMPLY ACCEPTANCE OF SUBSTRATE AND SHALL NOT BE GROUNDS FOR CLAIMS AGAINST IMPROPER PERFORMANCE OF INSTALLED MATERIALS. ADVISE ARCHITECT OF ANY EXISTING CONSTRUCTION NOT LEVEL, SMOOTH AND PLUMB WITHIN INDUSTRY STANDARDS PRIOR TO START OF CONSTRUCTION.
19. CONTRACTOR TO REPLACE WORK DAMAGED DURING CONSTRUCTION OR NOT CONFORMING TO SPECIFIED STANDARDS, TOLERANCES OR MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION, AT NO ADDITIONAL CHARGE TO THE OWNER.
20. CONTRACTOR SHALL COORDINATE THE MOUNTING HEIGHTS OF ALL SWITCHES AND OUTLETS AT MILLWORK, COUNTERS, SHELVING, SINKS OR OTHER SIMILAR OBSTRUCTIONS.
21. CONTRACTOR TO PROVIDE ALL MISCELLANEOUS FRAMING, BLOCKING, ETC. TO HANG SCREENS, BULLETIN BOARDS, RAILS, TOILET ACCESSORIES, WOODWORK, ETC.
22. CONTRACTOR SHALL PERFORM ALL CUTTING, PATCHING AND PROTECTION REQUIRED TO COMPLETE THE WORK INDICATED ON THE CONTRACT DOCUMENTS.
23. CONTRACTOR TO REMOVE ANY STRAY PAINT, DIRT, OR STAINS INCURRED DURING THE CONSTRUCTION PROCESS. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TEMPORARY EQUIPMENT COVERINGS USED DURING CONSTRUCTION AND HE SHALL ALSO BE RESPONSIBLE FOR REMOVING HIS TRASH OFF OF THE JOB SITE DAILY.
24. CONTRACTOR SHALL PERFORM ALL CUTTING AND WELDING IN COMPLIANCE WITH THE PUBLISHED STANDARDS OF NFPA. THE CONTRACTOR SHALL PROVIDE FIRE WATCHES FOR ALL CUTTING, GRINDING, AND WELDING OPERATIONS. THE TRAINING OF THESE FIRE WATCHES AND THE USE OF THE CONTRACTOR'S SUPPLIED FIRE EXTINGUISHERS IS THE RESPONSIBILITY OF THE CONTRACTOR.
25. ANY AREA OUTSIDE THE LIMITS OF CONSTRUCTION DISTURBED BY OPERATIONS OF THE CONTRACTOR SHALL BE RESTORED AT THE CONTRACTORS EXPENSE.
26. ALL CONCRETE WALKS, ASPHALT, CURBS AND LANDSCAPING DAMAGED DURING CONSTRUCTION ARE TO BE REPAIRED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
27. CHANGES IN DRAWINGS OR ACTUAL WORK MUST BE ISSUED BY THE ARCHITECT.
28. PERFORM ALL WORK AND INSTALL MATERIALS IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS AND IN A MANNER CONSISTENT WITH INDUSTRY STANDARD OF WORKMANSHIP, UNLESS SPECIFICALLY OTHERWISE INDICATED, OR WHERE LOCAL CODES AND REGULATIONS TAKE PRECEDENCE.
29. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE DURING COURSE OF PROJECT, AND DISPOSE OF LEGALLY OFF-SITE.
30. NO PRODUCTS CONTAINING ASBESTOS OR OTHER HAZARDOUS MATERIALS SHALL BE INSTALLED ON THIS PROJECT OR USED DURING THE CONSTRUCTION OF THE PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CERTIFY TO THE OWNER THAT THIS REQUIREMENT HAS BEEN MET. SUBCONTRACTORS SHALL VERIFY TO THE CONTRACTOR THAT NO ASBESTOS OR OTHER HAZARDOUS PRODUCTS ARE USED IN THEIR WORK.
31. DELEGATED DESIGN: WHEN PROFESSIONAL DESIGN SERVICES OR CERTIFICATIONS RELATED TO SYSTEMS, MATERIALS, OR EQUIPMENT ARE REQUIRED BY THESE DOCUMENTS, THE ARCHITECT/ENGINEER WILL SPECIFY PERFORMANCE AND DESIGN CRITERIA THAT SUCH SERVICES MUST SATISFY. THE CONTRACTOR SHALL CAUSE SUCH SERVICES AND CERTIFICATIONS TO BE PROVIDED BY A PROPERLY LICENSED DESIGN PROFESSIONAL, WHOSE SIGNATURE AND SEAL SHALL APPEAR ON ALL DRAWINGS, CALCULATIONS, SHOP DRAWINGS AND OTHER RELATED SUBMITTALS. THE OWNER AND ARCHITECT/ENGINEER SHALL BE ENTITLED TO RELY UPON THE ACCURACY AND COMPLETENESS OF THOSE DELEGATED SERVICES. THE ARCHITECT/ENGINEER WILL REVIEW SUBMITTALS ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH THE PERFORMANCE AND DESIGN CRITERIA.
32. WHERE TWO DISSIMILAR METALS MEET, PAINT FACE OF ONE WITH BITUMINOUS PAINT.
33. ALL DIMENSIONS ARE EITHER TO FACE OF MASONRY OR THE FACE OF STUD, UNLESS NOTED OTHERWISE.
34. DO NOT SCALE DRAWINGS, DIMENSIONS GOVERN. LARGE SCALE DETAILS GOVERN OVER SMALL-SCALE DETAILS.

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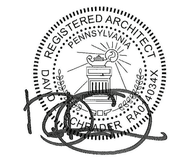

Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

Drawing Title:
COVER SHEET

Drawing Number:
CS.1

SHEET INDEX

CS.1	COVER SHEET
CS.2	SHEET INDEX

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003 EXC	EXISTING CONDITIONS PLAN
004 DEM	DEMOLITION PLAN
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006 STE	SITE PLAN
007 STE-PVT	SITE PAVING PLAN
008 GRD	GRADING PLAN
009 DRN	DRAINAGE PLAN
010 UTL	UTILITY PLAN
011 LGT	LIGHTING PLAN
012 LSP	LANDSCAPING PLAN
013 ENS-OA	EROSION & SEDIMENT CONTROL PLAN -OVERALL
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017 CSD-2	CONSTRUCTION SITE DETAILS
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020 WAT-1	WATER DETAILS
021 LGT-1	LIGHTING DETAILS
023 E&S-1	EROSION & SEDIMENT CONTROL DETAILS
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024 E&S-NTE	EROSION AND SEDIMENT CONTROL NOTES
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026 PCSM-2	POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS - 2
027 PCSM-NTE	POST CONSTRUCTION STORMWATER MANAGEMENT NOTES
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E100.21	COMPOSITE SECOND FLOOR PLAN -PHASE 1 -ELECTRICAL
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E702	DETAILS AND DIAGRAMS – ELECTRICAL
E703	DETAILS AND DIAGRAMS – ELECTRICAL
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P100.12	COMPOSITE FIRST FLOOR PLAN -PHASE 2 -PLUMBING
P100.13	COMPOSITE FIRST FLOOR PLAN -PHASE 3 -PLUMBING
P100.21	COMPOSITE SECOND FLOOR PLAN -PHASE 1 -PLUMBING
P100.22	COMPOSITE SECOND FLOOR PLAN -PHASE 2 -PLUMBINGmed
P100.23	COMPOSITE SECOND FLOOR PLAN -PHASE 3 -PLUMBING
P101.1	PARTIAL FIRST FLOOR PLAN - AREA A - DRAIN & VENT PIPING
P101.2	PARTIAL FIRST FLOOR PLAN - AREA B - DRAIN & VENT PIPING
P102.1	PARTIAL SECOND FLOOR PLAN - AREA A - DRAIN & VENT PIPING
P102.2	PARTIAL SECOND FLOOR PLAN - AREA B - DRAIN & VENT PIPING
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P201.1	PARTIAL FIRST FLOOR PLAN - AREA A - SUPPLY PIPING
P201.2	PARTIAL FIRST FLOOR PLAN - AREA B - SUPPLY PIPING
P202.1	PARTIAL SECOND FLOOR PLAN - AREA A - SUPPLY PIPING
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P401	ENLARGED PLANS -PLUMBING
P402	ENLARGED PLANS -PLUMBING
P403	ENLARGED KITCHEN PLANS -PLUMBING
P404	ENLARGED MECHANICAL ROOM PLANS -PLUMBING
P501	DETAILS - PLUMBING
P502	DETAILS - PLUMBING
P503	DETAILS - PLUMBING

FIRE PROTECTION

FP000	COVER SHEET - FIRE PROTECTION
FP101	FIRST FLOOR ZONE PLAN - FIRE PROTECTION
FP101.1	PARTIAL FIRST FLOOR PLAN -AREA A -FIRE PROTECTION
FP101.2	PARTIAL FIRST FLOOR PLAN -AREA B -FIRE PROTECTION
FP102	SECOND FLOOR ZONE PLAN - FIRE PROTECTION
FP102.1	PARTIAL SECOND FLOOR PLAN -AREA A -FIRE PROTECTION
FP102.2	PARTIAL SECOND FLOOR PLAN -AREA B -FIRE PROTECTION

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ISSUED FOR:

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2018 INTERNATIONAL EXISTING BUILDING CODE

CHAPTER 3: PROVISIONS FOR ALL COMPLIANCE METHODS

SECTION 305 ACCESSIBILITY FOR EXISTING BUILDINGS

SECTION 305.6 ALTERATIONS
A FACILITY THAT IS ALTERED SHALL COMPLY WITH THE APPLICABLE PROVISIONS IN CHAPTER 11 OF THE INTERNATIONAL BUILDING CODE, UNLESS TECHNICALLY INFEASIBLE. WHERE COMPLIANCE WITH THIS SECTION IS TECHNICALLY INFEASIBLE, THE ALTERATION SHALL PROVIDE ACCESS TO THE MAXIMUM EXTENT TECHNICALLY FEASIBLE.
EXCEPTION 1. THE ALTERED ELEMENT OR SPACE IS NOT REQUIRED TO BE ON AN ACCESSIBLE ROUTE, UNLESS REQUIRED BY SECTION 305.7.
EXCEPTION 2. ACCESSIBLE MEANS OF EGRESS REQUIRED BY CHAPTER 10 OF THE INTERNATIONAL BUILDING CODE ARE NOT REQUIRED TO BE PROVIDED IN EXISTING FACILITIES.
SECTION 305.7 ALTERATIONS AFFECTING AN AREA CONTAINING A PRIMARY FUNCTION
WHERE AN ALTERATION AFFECTS THE ACCESSIBILITY TO, OR CONTAINS AN AREA OF PRIMARY FUNCTION, THE ROUTE TO THE PRIMARY FUNCTION AREA SHALL BE ACCESSIBLE. THE ACCESSIBLE ROUTE TO THE PRIMARY FUNCTION AREA SHALL INCLUDE TOILET FACILITIES AND DRINKING FOUNTAINS SERVING THE AREA OF PRIMARY FUNCTION.

CHAPTER 5: ALTERATIONS

503.1 GENERAL
EXCEPT AS PROVIDED BY SECTION 302.4, 302.5 OR THIS SECTION, ALTERATIONS TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE FOR NEW CONSTRUCTION. ALTERATIONS SHALL BE SUCH THAT THE EXISTING BUILDING OR STRUCTURE IS NOT LESS COMPLYING WITH THE PROVISIONS OF THE INTERNATIONAL BUILDING CODE THAN THE EXISTING BUILDING OR STRUCTURE WAS PRIOR TO THE ALTERATION.

EXCEPTIONS:
EXCEPTIONS 1. AN EXISTING STAIRWAY SHALL NOT BE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF SECTION 1011.5 OF THE INTERNATIONAL BUILDING CODE WHERE THE EXISTING SPACE AND CONSTRUCTION DOES NOT ALLOW A REDUCTION IN PITCH OR SLOPE.
EXCEPTIONS 2. HANDRAILS OTHERWISE REQUIRED TO COMPLY WITH SECTION 1011.11 OF THE INTERNATIONAL BUILDING CODE SHALL NOT BE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF SECTION 1014.6 OF THE INTERNATIONAL BUILDING CODE REGARDING FULL EXTENSION OF THE HANDRAILS WHERE SUCH EXTENSIONS WOULD BE HAZARDOUS BECAUSE OF PLAN CONFIGURATION.

CHAPTER 6: CLASSIFICATION OF WORK

SECTION 604 ALTERATION LEVEL - 3
SECTION 604.1 SCOPE
LEVEL 3 ALTERATIONS APPLY WHERE THE WORK AREA EXCEEDS 50 PERCENT OF THE BUILDING AREA.
SECTION 604.2 APPLICATION
LEVEL 3 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTERS 7 AND 8 FOR LEVEL 1 AND 2 ALTERATIONS, RESPECTIVELY, AS WELL AS THE PROVISIONS OF CHAPTER 9.

CHAPTER 7: ALTERATIONS—LEVEL 1

SECTION 705 REROOFING
SECTION 705.1 GENERAL
MATERIALS AND METHODS OF APPLICATION USED FOR RECOVERING OR REPLACING AN EXISTING ROOF COVERING SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 15 OF THE INTERNATIONAL BUILDING CODE.
EXCEPTION 1. ROOF REPLACEMENT OR ROOF RECOVER OF EXISTING LOW-SLOPE ROOF COVERINGS SHALL NOT BE REQUIRED TO MEET THE MINIMUM DESIGN SLOPE REQUIREMENT OF ONE-QUARTER UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE) IN SECTION 1507 (IBC) FOR ROOFS THAT PROVIDE POSITIVE ROOF DRAINAGE.
EXCEPTION 2. RECOVERING OR REPLACING AN EXISTING ROOF COVERING SHALL NOT BE REQUIRED TO MEET THE REQUIREMENT FOR SECONDARY (EMERGENCY OVERFLOW) DRAINS OR SCUPPERS IN SECTION 1502 (IBC) FOR ROOFS THAT PROVIDE FOR POSITIVE ROOF DRAINAGE. FOR THE PURPOSES OF THIS EXCEPTION, EXISTING SECONDARY DRAINAGE OR SCUPPER SYSTEMS REQUIRED IN ACCORDANCE WITH THIS CODE SHALL NOT BE REMOVED UNLESS THEY ARE REPLACED BY SECONDARY DRAINS OR SCUPPERS DESIGNED AND INSTALLED IN ACCORDANCE WITH SECTION 1502 OF THE INTERNATIONAL BUILDING CODE.

CHAPTER 8: ALTERATIONS—LEVEL 2

SECTION 801 GENERAL
SECTION 801.3 COMPLIANCE
NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.
EXCEPTION 1. WHERE WINDOWS ARE ADDED THEY ARE NOT REQUIRED TO COMPLY WITH THE LIGHT AND VENTILATION REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.
EXCEPTION 2. NEWLY INSTALLED ELECTRICAL EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 807.
EXCEPTION 3. THE LENGTH OF DEAD-END CORRIDORS IN NEWLY CONSTRUCTED SPACES SHALL ONLY BE REQUIRED TO COMPLY WITH THE PROVISIONS OF SECTION 805.6.
EXCEPTION 4. THE MINIMUM CEILING HEIGHT OF THE NEWLY CREATED HABITABLE AND OCCUPIABLE SPACES AND CORRIDORS SHALL BE 7 FEET (2134 MM).
EXCEPTION 6. NEW STRUCTURAL MEMBERS AND CONNECTIONS SHALL BE PERMITTED TO COMPLY WITH ALTERNATIVE DESIGN CRITERIA IN ACCORDANCE WITH SECTION 302.

SECTION 802 BUILDING ELEMENTS AND MATERIALS
SECTION 802.2.1 EXISTING VERTICAL OPENINGS
EXISTING INTERIOR VERTICAL OPENINGS CONNECTING TWO OR MORE FLOORS SHALL BE ENCLOSED WITH APPROVED ASSEMBLIES HAVING A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR WITH APPROVED OPENING PROTECTIVES.
EXCEPTIONS 6. IN GROUP E OCCUPANCIES, THE ENCLOSURE SHALL NOT BE REQUIRED FOR VERTICAL OPENINGS NOT EXCEEDING THREE STORIES WHERE THE BUILDING IS PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM.
SECTION 802.5 GUARDS
THE REQUIREMENTS OF SECTIONS 802.5.1 AND 802.5.2 SHALL APPLY IN ALL WORK AREAS.
SECTION 802.5.1 MINIMUM REQUIREMENT
EVERY PORTION OF A FLOOR, SUCH AS A BALCONY OR A LOADING DOCK, THAT IS MORE THAN 30 INCHES (762 MM) ABOVE THE FLOOR OR GRADE BELOW AND IS NOT PROVIDED WITH GUARDS, OR THOSE IN WHICH THE EXISTING GUARDS ARE JUDGED TO BE IN DANGER OF COLLAPSING, SHALL BE PROVIDED WITH GUARDS.
SECTION 802.5.2 DESIGN
WHERE THERE ARE NO GUARDS OR WHERE EXISTING GUARDS MUST BE REPLACED, THE GUARDS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE IBC.

SECTION 805 MEANS OF EGRESS
SECTION 805.2 GENERAL
THE MEANS OF EGRESS SHALL COMPLY WITH THE REQUIREMENTS OF THIS SECTION.
EXCEPTIONS 2. MEANS OF EGRESS COMPLYING WITH THE REQUIREMENTS OF THE BUILDING CODE UNDER WHICH THE BUILDING WAS CONSTRUCTED SHALL BE CONSIDERED TO BE COMPLIANT MEANS OF EGRESS IF, IN THE OPINION OF THE CODE OFFICIAL, THEY DO NOT CONSTITUTE A DISTINCT HAZARD TO LIFE.
SECTION 805.3.2 MEZZANINES
MEZZANINES IN THE WORK AREA AND WITH AN OCCUPANT LOAD OF MORE THAN 50 OR IN WHICH THE TRAVEL DISTANCE TO AN EXIT EXCEEDS 75 FEET (22 860 MM) SHALL HAVE ACCESS TO NOT FEWER THAN TWO INDEPENDENT MEANS OF EGRESS.
EXCEPTION 1. TWO INDEPENDENT MEANS OF EGRESS ARE NOT REQUIRED WHERE THE TRAVEL DISTANCE TO AN EXIT DOES NOT EXCEED 100 FEET (30 480 MM) AND THE BUILDING IS PROTECTED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM.
SECTION 805.9 HANDRAILS
THE REQUIREMENTS OF SECTIONS 805.9.1 AND 805.9.2 SHALL APPLY TO HANDRAILS FROM THE WORK AREA FLOOR TO, AND INCLUDING, THE LEVEL OF EXIT DISCHARGE.
SECTION 805.9.1 MINIMUM REQUIREMENT
EVERY REQUIRED EXIT STAIRWAY THAT IS PART OF THE MEANS OF EGRESS FOR ANY WORK AREA AND THAT HAS THREE OR MORE RISERS AND IS NOT PROVIDED WITH NOT FEWER THAN ONE HANDRAIL IN WHICH THE EXISTING HANDRAILS ARE JUDGED TO BE IN DANGER OF COLLAPSING, SHALL BE PROVIDED WITH HANDRAILS FOR THE FULL LENGTH OF THE STAIRWAY ON NOT FEWER THAN ONE SIDE. EXIT STAIRWAYS WITH A REQUIRED EGRESS WIDTH OF MORE THAN 66 INCHES SHALL HAVE HANDRAILS ON BOTH SIDES.
SECTION 805.9.2 DESIGN
HANDRAILS REQUIRED IN ACCORDANCE WITH SECTION 805.9.1 SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THE IBC.
SECTION 805.11 GUARDS
THE REQUIREMENTS OF SECTIONS 805.11.1 AND 805.11.2 SHALL APPLY TO GUARDS FROM THE WORK AREA FLOOR TO, AND INCLUDING, THE LEVEL OF EXIT DISCHARGE BUT SHALL BE CONFINED TO THE EGRESS PATH OF ANY WORK AREA.
SECTION 805.11.1 MINIMUM REQUIREMENT
EVERY OPEN PORTION OF A STAIRWAY, LANDING, OR BALCONY THAT IS MORE THAN 30 INCHES (762 MM) ABOVE THE FLOOR OR GRADE BELOW AND IS NOT PROVIDED WITH GUARDS, OR THOSE PORTIONS IN WHICH EXISTING GUARDS ARE JUDGED TO BE IN DANGER OF COLLAPSING, SHALL BE PROVIDED WITH GUARDS
SECTION 805.11.2 DESIGN
GUARDS REQUIRED IN ACCORDANCE WITH SECTION 805.11.1 SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE.

CHAPTER 9: ALTERATION - LEVEL 3

SECTION 903 BUILDING ELEMENTS AND MATERIALS
SECTION 903.1 EXISTING SHAFTS AND VERTICAL OPENINGS
EXISTING STAIRWAYS THAT ARE PART OF THE MEANS OF EGRESS SHALL BE ENCLOSED IN ACCORDANCE WITH SECTION 802.2.1 FROM THE HIGHEST WORK AREA FLOOR TO, AND INCLUDING, THE LEVEL OF EXIT DISCHARGE AND ALL FLOORS BELOW.
SECTION 905.1 GENERAL
THE MEANS OF EGRESS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 805 EXCEPT AS SPECIFICALLY REQUIRED IN SECTIONS 905.2 AND 905.3.

SECTION 907 ENERGY CONSERVATION
SECTION 907.1 MINIMUM REQUIREMENTS
LEVEL 3 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE OR INTERNATIONAL RESIDENTIAL CODE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE OR INTERNATIONAL RESIDENTIAL CODE AS THEY RELATE TO NEW CONSTRUCTION ONLY.

CHAPTER 11: ADDITIONS

SECTION 1101 GENERAL
SECTION 1101.1 SCOPE
AN ADDITION TO A BUILDING OR STRUCTURE SHALL COMPLY WITH THE INTERNATIONAL CODES AS ADOPTED FOR NEW CONSTRUCTION WITHOUT REQUIRING THE EXISTING BUILDING OR STRUCTURE TO COMPLY WITH ANY REQUIREMENTS OF THOSE CODES OR OF THESE PROVISIONS, EXCEPT AS REQUIRED BY THIS CHAPTER. WHERE AN ADDITION IMPACTS THE EXISTING BUILDING OR STRUCTURE, THAT PORTION SHALL COMPLY WITH THIS CODE.
SECTION 1101.2 CREATION OR EXTENSION OF NONCONFORMITY
AN ADDITION SHALL NOT CREATE OR EXTEND ANY NONCONFORMITY IN THE EXISTING BUILDING TO WHICH THE ADDITION IS BEING MADE WITH REGARD TO ACCESSIBILITY, STRUCTURAL STRENGTH, FIRE SAFETY, MEANS OF EGRESS, OR THE CAPACITY OF MECHANICAL, PLUMBING, OR ELECTRICAL SYSTEMS.
SECTION 1101.3 OTHER WORK
ANY REPAIR OR ALTERATION WORK WITHIN AN EXISTING BUILDING TO WHICH AN ADDITION IS BEING MADE SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS FOR THE WORK AS CLASSIFIED IN CHAPTER 6.

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CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION

SECTION 302: CLASSIFICATION
EDUCATIONAL: GROUP E

SECTION 303: ASSEMBLY GROUP A
SECTION 303.1: ASSEMBLY GROUP A
SECTION 303.1.3: ASSOCIATED WITH GROUP E OCCUPANCIES. A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES THAT IS ASSOCIATED WITH A GROUP E OCCUPANCY IS NOT CONSIDERED TO BE A SEPARATE OCCUPANCY

SECTION 305: EDUCATIONAL GROUP E
SECTION 305.1: EDUCATIONAL GROUP E
EDUCATIONAL GROUP E OCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, BY SIX OR MORE PERSONS AT ANY ONE TIME FOR EDUCATIONAL PURPOSES THROUGH THE 12TH GRADE.

CHAPTER 4: SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

SECTION 410: STAGES AND PLATFORMS
STAGE. A SPACE WITHIN A BUILDING UTILIZED FOR ENTERTAINMENT OR PRESENTATIONS, WHICH INCLUDES OVERHEAD HANGING CURTAINS, DROPS, SCENERY OR STAGE EFFECTS OTHER THAN LIGHTING AND SOUND.
SECTION 410.2.1: STAGE CONSTRUCTION
STAGES SHALL BE CONSTRUCTED OF MATERIALS AS REQUIRED FOR FLOORS FOR THE TYPE OF CONSTRUCTION OF THE BUILDING IN WHICH SUCH STAGES ARE LOCATED.
EXISTING STAGE IS NON-CONFORMING
SECTION 410.2.1.1: STAGE HEIGHT AND AREA
STAGE AREAS SHALL BE MEASURED TO INCLUDE THE ENTIRE PERFORMANCE AREA AND ADJACENT BACKSTAGE AND SUPPORT AREAS NOT SEPARATED FROM THE PERFORMANCE AREA BY FIRE-RESISTANCE RATED CONSTRUCTION. STAGE HEIGHT SHALL BE MEASURED FROM THE LOWEST POINT ON THE STAGE FLOOR TO THE HIGHEST POINT ON THE ROOF OR FLOOR DECK ABOVE THE STAGE. RESISTANCE RATED UNLESS OTHER SECTIONS OF THIS CODE.

SECTION 410: STAGES AND PLATFORMS (CONTINUED)
SECTION 410.2.1.1: STAGE HEIGHT AND AREA
STAGE AREAS SHALL BE MEASURED TO INCLUDE THE ENTIRE PERFORMANCE AREA AND ADJACENT BACKSTAGE AND SUPPORT AREAS NOT SEPARATED FROM THE PERFORMANCE AREA BY FIRE-RESISTANCE RATED CONSTRUCTION. STAGE HEIGHT SHALL BE MEASURED FROM THE LOWEST POINT ON THE ROOF OR FLOOR DECK ABOVE THE STAGE.
SECTION 410.2.4: PROSCENIUM WALL
SEPARATION NOT REQUIRED. EXISTING STAGE HEIGHT IS LESS THAN 50 FEET.
SECTION 410.6: AUTOMATIC SPRINKLER SYSTEM
STAGES SHALL BE EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1. SPRINKLERS SHALL BE INSTALLED UNDER THE ROOF AND GRIDIRON AND UNDER ALL CATWALKS AND GALLERIES OVER THE STAGE. SPRINKLERS SHALL BE INSTALLED IN DRESSING ROOMS, PERFORMER LOUNGES, SHOPS AND STOREROOMS ACCESSORY TO SUCH STAGES.
EXCEPTION: 1. SPRINKLERS ARE NOT REQUIRED UNDER STAGE AREAS LESS THAN 4 FEET IN CLEAR HEIGHT THAT ARE UTILIZED EXCLUSIVELY FOR STORAGE OF TABLES AND FOLDING CHAIRS, PROVIDED THE CONCEALED SPACE IS SEPARATED FROM THE ADJACENT SPACES BY TYPE-X GYPSUM BOARD NOT LESS THAN 5/8 INCH IN THICKNESS.

SECTION 417: DRYING ROOMS
SECTION 417.1: GENERAL
A DRYING ROOM OR DRY KILN INSTALLED WITHIN A BUILDING SHALL BE CONSTRUCTED ENTIRELY OF APPROVED NONCOMBUSTIBLE MATERIALS OR ASSEMBLIES OF SUCH MATERIALS REGULATED BY THE APPROVED RULES OR AS REQUIRED IN THE GENERAL AND SPECIFIC SECTIONS OF CHAPTER FOR SPECIAL OCCUPANCIES AND WHERE APPLICABLE TO THE GENERAL REQUIREMENTS OF THE INTERNATIONAL MECHANICAL CODE.

CHAPTER 5: GENERAL BUILDING HEIGHTS AND AREAS

SECTION 503: GENERAL BUILDING HEIGHT AND AREA LIMITATIONS
SECTION 503.1 GENERAL
UNLESS OTHERWISE SPECIFICALLY MODIFIED IN CHAPTER 4 AND THIS CHAPTER, BUILDING HEIGHT, NUMBER OF STORIES AND BUILDING AREA SHALL NOT EXCEED THE LIMITS SPECIFIED IN SECTION 504 AND 506 BASED ON THE TYPE OF CONSTRUCTION AS DETERMINED BY SECTION 602 AND THE OCCUPANCIES AS DETERMINED BY SECTION 302 EXCEPT AS MODIFIED HEREINAFTER. BUILDING HEIGHT, NUMBER OF STORIES AND BUILDING AREA PROVISIONS SHALL BE APPLIED INDEPENDENTLY.

SECTION 505: MEZZANINES AND EQUIPMENT PLATFORMS
SECTION 505.2: MEZZANINE
A MEZZANINE OR MEZZANINES IN COMPLIANCE WITH SECTION 505.2 SHALL BE CONSIDERED A PORTION OF THE STORY BELOW. SUCH MEZZANINES SHALL NOT CONTRIBUTE TO EITHER THE BUILDING AREA OR NUMBER OF STORIES AS REGULATED BY SECTION 503.1. THE AREA OF THE MEZZANINE SHALL BE INCLUDED IN DETERMINING FIRE AREA. THE CLEAR HEIGHT ABOVE AND BELOW THE MEZZANINE FLOOR CONSTRUCTION SHALL NOT BE LESS THAN 7 FEET.

SECTION 506: BUILDING AREA
506.2.3 SINGLE-OCCUPANCY, MULTISTORY BUILDINGS
THE ALLOWABLE AREA OF A SINGLE-OCCUPANCY BUILDING WITH MORE THAN ONE STORY ABOVE GRADE PLANE SHALL BE DETERMINED IN ACCORDANCE WITH EQUATION 5-2: $A_a = [A_t + (NS \times If)] \times S_a$
506.3 FRONTAGE INCREASE
EVERY BUILDING SHALL ADJOIN OR HAVE ACCESS TO A PUBLIC WAY TO RECEIVE AN AREA FACTOR INCREASE BASED ON FRONTAGE. AREA FACTOR INCREASE SHALL BE DETERMINED IN ACCORDANCE WITH SECTIONS 506.3.1 THROUGH 506.3.3.
506.3.3 AMOUNT OF INCREASE
THE AMOUNT OF INCREASE BASED ON FRONTAGE SHALL BE DETERMINED IN ACCORDANCE WITH EQUATION 5-5 $I_f = [F/P - 0.25] \; W/30$

SECTION 508: MIXED USE AND OCCUPANCY
SECTION 508.2.4: SEPARATION OF OCCUPANCIES
NO SEPARATION IS REQUIRED BETWEEN ACCESSORY OCCUPANCIES AND THE MAIN OCCUPANCY, SEE SECTION 303.1.3.

SECTION 509: INCIDENTAL USES
SECTION 509.1: GENERAL
THE INCIDENTAL USES LOCATED WITHIN SINGLE OCCUPANCY OR MIXED OCCUPANCY BUILDING SHALL COMPLY WITH THE PROVISIONS OF THIS SECTION. INCIDENTAL USES ARE ANCILLARY FUNCTIONS ASSOCIATED WITH A GIVEN OCCUPANCY THAT GENERALLY POSE A GREATER LEVEL OF RISK TO THAT OCCUPANCY AND ARE LIMITED TO THOSE USED LISTED IN TABLE 509.
- FURNACE ROOM WHERE ANY PIECE OF EQUIPMENT IS OVER 400,000 BTU PER HOUR INPUT; SEPARATION AND/OR PROTECTION 1 HOUR OR AUTOMATIC SPRINKLER SYSTEM.
- ROOMS WITH BOILERS WHERE THE LARGEST PIECE OF EQUIPMENT IS OVER 15 PSI AND 10 HORSEPOWER; SEPARATION AND/OR PROTECTION 1 HOUR OR AUTOMATIC SPRINKLER SYSTEM
- IN GROUP E OCCUPANCIES, LABORATORIES, AND VOCATIONAL SHOPS NOT CLASSIFIED AS GROUP H; SEPARATION AND/OR PROTECTION 1 HOUR OR AUTOMATIC SPRINKLER SYSTEM.
- ELECTRICAL INSTALLATIONS AND TRANSFORMERS

CHAPTER 6: TYPES OF CONSTRUCTION

TABLE 601: FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOUR)

CONSTRUCTION TYPE IIB (NEW BUILDING ADDITION)
0 HR: PRIMARY STRUCTURAL FRAME (COLUMNS, GIRDERS, TRUSSES)
0 HR: BEARING WALLS (EXTERIOR)
0 HR: NON-BEARING WALLS (INTERIOR)
0 HR: FLOOR CONSTRUCTION (INCLUDING BEAMS & JOISTS)
0 HR: ROOF CONSTRUCTION (INCLUDING BEAMS & JOISTS)

TABLE 602: FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE
FIRE SEPARATION DISTANCE LESS THAN 5 FEET, TYPE IIB CONSTRUCTION; 1 HOUR FIRE SEPARATION

SECTION 602.2: TYPES I AND II (CONSTRUCTION)
TYPES I AND II CONSTRUCTION ARE THOSE TYPES OF CONSTRUCTION IN WHICH BUILDING ELEMENTS LISTED IN TABLE 601 ARE OF NONCOMBUSTIBLE MATERIALS, EXCEPT AS PERMITTED IN 603 AND ELSEWHERE IN THIS CODE.

SECTION 603: COMBUSTIBLE MATERIAL IN TYPE I AND II CONSTRUCTION
SECTION 603.1: ALLOWABLE MATERIALS
COMBUSTIBLE MATERIALS SHALL BE PERMITTED IN BUILDINGS TYPE I OR II CONSTRUCTION IN ACCORDANCE WITH SECTIONS 603.1.1 THROUGH 603.1.3.

CHAPTER 7: FIRE AND SMOKE PROTECTION FEATURES

FIRE BARRIER (SECTION 202 DEFINITIONS)
A FIRE-RESISTANCE-RATED WALL ASSEMBLY OF MATERIALS DESIGNED TO RESTRICT THE SPREAD OF FIRE IN WHICH CONTINUITY IS MAINTAINED.

FIRE SEPARATION DISTANCE (SECTION 202 DEFINITIONS)
THE DISTANCE MEASURED FROM THE BUILDING FACE TO ONE OF THE FOLLOWING:
1. THE CLOSEST INTERIOR LOT LINE
2. TO THE CENTERLINE OF THE STREET, AN ALLEY OR PUBLIC WAY
3. TO AN IMAGINARY LINE BETWEEN TWO BUILDINGS ON THE LOT.
THE DISTANCE SHALL BE MEASURED AT RIGHT ANGLES FROM THE FACE OF THE WALL.

FIRE WALL (SECTION 202 DEFINITIONS)
A FIRE-RESISTANCE-RATED WALL HAVING PROTECTED OPENINGS, WHICH RESTRICTS THE SPREAD OF FIRE AND EXTENDS CONTINUOUSLY FROM THE FOUNDATION TO OR THROUGH THE ROOF, WITH SUFFICIENT STRUCTURAL STABILITY UNDER FIRE CONDITIONS TO ALLOW COLLAPSE OF CONSTRUCTION ON EITHER SIDE WITHOUT COLLAPSE OF THE WALL.

SECTION 705: EXTERIOR WALLS
SECTION 705.5: FIRE-RESISTANCE RATINGS
EXTERIOR WALLS SHALL BE FIRE-RESISTANCE RATED IN ACCORDANCE WITH TABLES 601 AND 602 AND THIS SECTION. THE REQUIRED FIRE-RESISTANCE RATING OF EXTERIOR WALLS WITH A FIRE SEPARATION DISTANCE OF GREATER THAN 10 FEET SHALL BE RATED FOR EXPOSURE TO THE FIRE FROM INSIDE. THE REQUIRED FIRE-RESISTANCE RATING OF EXTERIOR WALLS WITH A FIRE SEPARATION DISTANCE OF LESS THAN OR EQUAL TO 10 FEET SHALL BE RATED FOR EXPOSURE TO FIRE FROM BOTH SIDES.

TABLE 705.8: MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION
-FIRE SEPARATION DISTANCE 5 TO LESS THAN 10 FEET; UNPROTECTED, SPRINKLERED: 25%
-FIRE SEPARATION DISTANCE 10 TO LESS THAN 15 FEET; UNPROTECTED, SPRINKLERED: 45%
-FIRE SEPARATION DISTANCE 15 TO LESS THAN 20 FEET; UNPROTECTED, SPRINKLERED: 75%
-FIRE SEPARATION DISTANCE 20 TO LESS THAN 25 FEET; UNPROTECTED, SPRINKLERED: NO LIMIT
-FIRE SEPARATION DISTANCE 25 TO LESS THAN 30 FEET; UNPROTECTED, SPRINKLERED: NO LIMIT
-FIRE SEPARATION DISTANCE 30 FEET OR GREATER; UNPROTECTED, SPRINKLERED: NO LIMIT

SECTION 705.8.2: PROTECTED OPENINGS
EXCEPTION: OPENING PROTECTIVES ARE NOT REQUIRED WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 AND THE EXTERIOR OPENINGS ARE PROTECTED BY A WATER CURTAIN USING AUTOMATIC SPRINKLERS APPROVED FOR THAT USE.

SECTION 706: FIRE WALLS
TABLE 706.4 FIRE WALL FIRE-RESISTANCE RATING (TABLE 706.4 FIRE WALL FIRE-RESISTANCE RATING)
GROUP E : 3^HOUR FIRE-RESISTANCE RATING
NOTE a: 2 -HOUR FIRE-RESISTANCE RATING PERMITTED IN TYPE II OR V CONSTRUCTION.

SECTION 706.5.1: EXTERIOR WALLS
WHERE THE FIRE WALL INTERSECTS EXTERIOR WALLS, THE FIRE RESISTANCE RATING AND OPENING PROTECTION OF THE EXTERIOR WALLS SHALL COMPLY WITH ONE OF THE FOLLOWING:
1. THE EXTERIOR WALLS ON BOTH SIDES OF THE FIRE WALL SHALL HAVE A 1-HOUR FIRE-RESISTANCE RATING WITH 3/4- HOUR PROTECTION WHERE OPENING PROTECTION IS REQUIRED BY SECTION 705.8. THE FIRE-RESISTANCE RATING OF THE EXTERIOR WALL SHALL EXTEND NOT LESS THAN 4 FEET ON EACH SIDE OF THE INTERSECTION OF THE FIRE WALL TO THE EXTERIOR WALL. EXTERIOR WALL INTERSECTIONS AT FIRE WALLS THAT FORMS AN ANGLE EQUAL TO OR GREATER THAN 180 DEGREES DO NOT NEED EXTERIOR WALL PROTECTION.
2. BUILDINGS OR SPACES ON BOTH SIDES OF THE INTERSECTING FIRE WALL SHALL ASSUME TO HAVE AN IMAGINARY LOT LINE THAT THE FIRE WALL AND EXTENDED BEYOND THE EXTERIOR OF THE FIREWALL. THE LOCATION OF THE ASSUMED LINE IN RELATION TO THE EXTERIOR WALLS AND THE FIRE WALL SHALL BE SUCH THAT EXTERIOR WALL AND OPENING PROTECTION MEET THE REQUIREMENTS SET FORTH IN SECTION 705.5 AND 705.8. SUCH PROTECTION IS NOT REQUIRED FOR EXTERIOR WALLS TERMINATING AT FIRE WALLS THAT FORM AN ANGLE EQUAL TO OR GREATER THAN 180 DEGREES.

SECTION 706.6: VERTICAL CONTINUITY
FIRE WALLS SHALL EXTEND FROM THE FOUNDATION TO A TERMINATION POINT AT LEAST 30 INCHES ABOVE BOTH ADJACENT ROOFS.
EXCEPTION: 2. TWO-HOUR FIRE-RESISTANCE-RATED WALLS SHALL BE PERMITTED TO TERMINATE AT THE UNDERSIDE OF THE ROOF SHEATHING, DECK OR SLAB, PROVIDED THAT:
2.1 THE LOWER ROOF ASSEMBLY WITHIN 4 FEET OF THE WALL HAS NOT LESS THAN A 1-HOUR FIRE-RESISTANCE RATING AND THE ENTIRE LENGTH AND SPAN OF SUPPORTING ELEMENTS FOR THE RATED ROOF ASSEMBLY HAS A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR.
2.2: OPENINGS IN THE ROOF SHALL NOT BE LOCATED WITHIN 4 FEET OF THE FIRE WALL.
2.3 EACH BUILDING SHALL BE PROVIDED WITH NOT LESS THAN A CLASS B ROOF COVERING.

SECTION 707: FIRE BARRIERS
SECTION 707.3.10: FIRE AREAS
THE FIRE BARRIERS, FIRE WALLS OR HORIZONTAL ASSEMBLIES, OR COMBINATION THEREOF, SEPARATING A SINGLE OCCUPANCY INTO DIFFERENT FIRE AREAS SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN THAT INDICATED IN TABLE 709.3.10. THE FIRE BARRIERS, FIRE WALLS OR HORIZONTAL ASSEMBLIES, OR COMBINATION THEREOF, SEPARATING FIRE AREAS IN GROUP E OCCUPANCIES SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN THE HIGHEST VALUE INDICATED IN TABLE 707.3.10 FOR THE OCCUPANCIES UNDER CONSIDERATION.
TABLE 707.3.10: FIRE-RESISTANCE RATING REQUIREMENTS FOR FIRE BARRIER, FIRE WALLS OR HORIZONTAL ASSEMBLIES BETWEEN FIRE AREAS
USE GROUP E - FIRE BARRIER FIRE-RESISTANCE RATING / 2 HOURS
SECTION 707.4 EXTERIOR WALLS.
WHERE EXTERIOR WALLS SERVE AS A PART OF A REQUIRED FIRE-RESISTANCE-RATED SHAFT OR STAIRWAY OR RAMP ENCLOSURE, OR SEPARATION, SUCH WALLS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 705 FOR EXTERIOR WALLS AND THE FIRE-RESISTANCE-RATED ENCLOSURES OR SEPARATION SHALL NOT APPLY.
SECTION 707.5.1: SUPPORTING CONSTRUCTION
EXCEPTION 2: SUPPORTING CONSTRUCTION FOR 1-HOUR FIRE BARRIERS REQUIRED BY TABLE 509 IN BUILDINGS TYPE IIB, IIIB AND VB CONSTRUCTION IS NOT REQUIRED TO BE FIRE RESISTANCE RATED UNLESS OTHER SECTIONS OF THIS CODE.
SECTION 707.6: OPENINGS
OPENINGS IN A FIRE BARRIER SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 716. OPENINGS SHALL BE LIMITED TO A MAXIMUM AGGREGATE WIDTH OF 25 PERCENT OF THE LENGTH OF THE WALL AND THE MAXIMUM AREA OF ANY SINGLE OPENING SHALL NOT EXCEED 156 SQUARE FEET (15 M2). OPENINGS IN EXIT ACCESS STAIRWAYS AND RAMPS, INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS SHALL ALSO COMPLY WITH SECTION 1019, 1023.4 AND 1024.5, RESPECTIVELY.
EXCEPTION 1: OPENINGS SHALL NOT BE LIMITED TO 156 SQUARE FEET WHERE ADJOINING FLOOR AREAS ARE EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1.

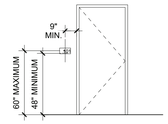
SECTION 708: FIRE PARTITIONS
SECTION 708.3: FIRE-RESISTANCE RATING
FIRE PARTITIONS SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR.
EXCEPTION: 1. CORRIDOR WALLS PERMITTED TO HAVE 1/2 HOUR FIRE RESISTANCE RATING BY TABLE 1020.1
TABLE 1020.1: CORRIDOR FIRE-RESISTANCE RATING - USE GROUP E; W/SPRINKLER / 0 HOURS

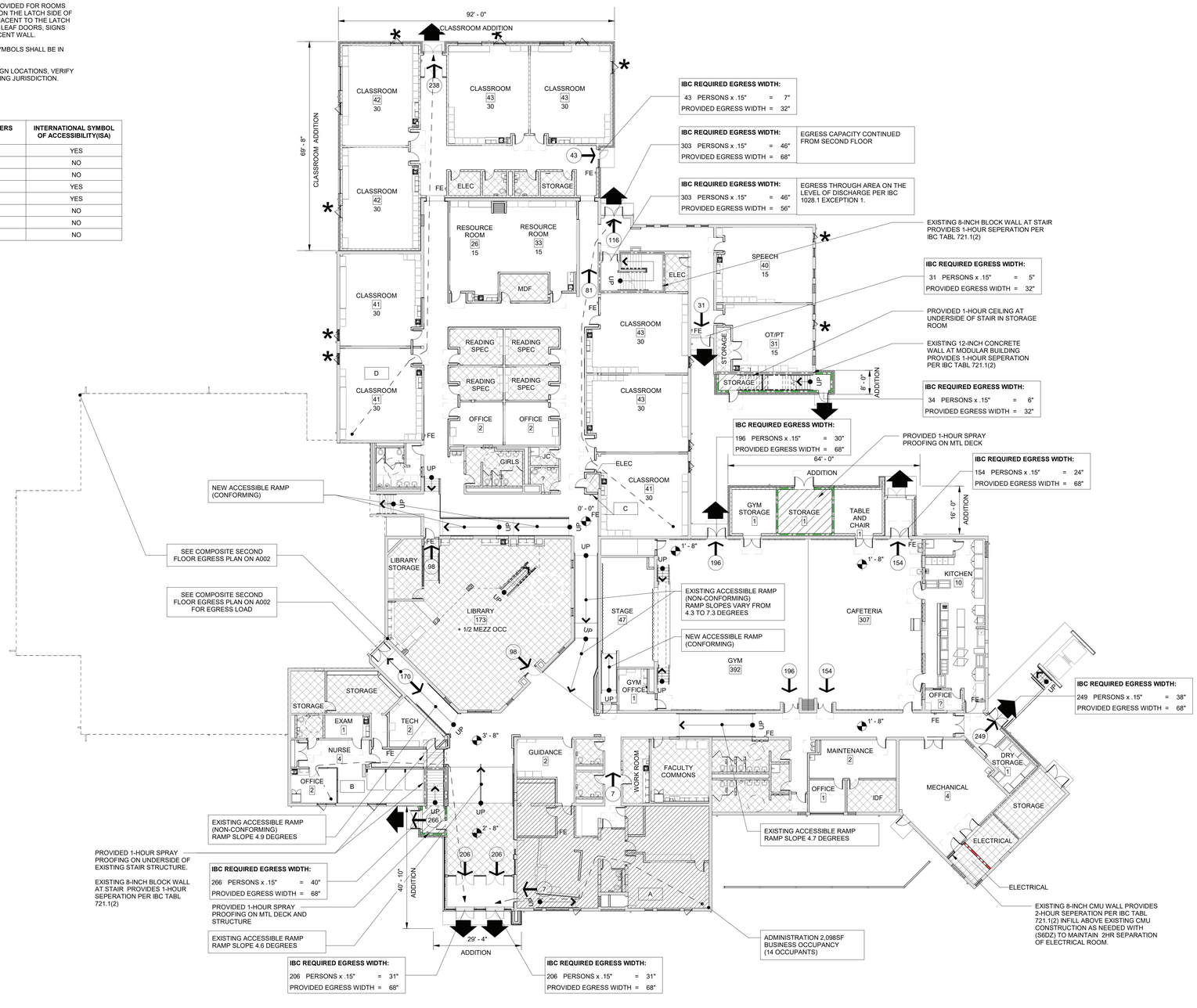
SECTION: 712 HORIZONTAL ASSEMBLIES
SECTION: 712.1.9 TWO-STORY OPENINGS
IN OTHER THAN GROUPS I-2 AND I-3, A VERTICAL OPENING THAT IS NOT USED AS ONE

GENERAL SIGNAGE NOTES

1. ALL REQUIRED ACCESSIBILITY SIGNAGE SHALL FOLLOW THE INTERNATIONAL SYMBOL OF ACCESSIBILITY IN SIZE, COLOR, PROPORTIONS, AND TEXT (TACTILE AND BRAILLE TEXT REQUIREMENTS).
2. ALL SIGNAGE SHALL FOLLOW IBC, ICC A117.1 AND ADA STANDARDS REQUIREMENTS.
3. WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL ADJACENT TO THE LATCH SIDE OF THE DOOR INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL.
4. TOILET ROOMS AND BATHROOM DOORS SYMBOLS SHALL BE IN CONTRASTING COLOR.
5. REFER TO CODE PLAN FOR ACCESSIBLE SIGN LOCATIONS, VERIFY ALL LOCATIONS WITH THE AUTHORITY HAVING JURISDICTION.

DOOR/ ROOM / SPACE	RAISED CHARACTERS AND BRAILLE	INTERNATIONAL SYMBOL OF ACCESSIBILITY(ISA)
ACCESSIBLE ENTRANCE	YES	YES
EXITS	YES	NO
STAIR	YES	NO
RESTROOMS	YES	YES
TOILET ROOMS	YES	YES
JANITOR CLOSETS	YES	NO
ELECTRICAL ROOMS	YES	NO
MECHANICAL ROOMS	YES	NO





1 | A002 COMPOSITE FIRST FLOOR EGRESS PLAN
SCALE: 1/16" = 1'-0"

GENERAL CODE NOTES

1. SEE ELECTRICAL DRAWINGS FOR EMERGENCY LIGHTING AND ILLUMINATED EXIT SIGNS.
2. COORDINATE RATED WALL CONSTRUCTION WITH PARTITION TYPES.
3. REFER TO PARTING TYPES FOR UL FIRE RATING DESIGNATIONS
4. WHERE THERE IS AN ACCESSIBLE CONCEALED FLOOR, CEILING OR ATTIC SPACE, FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN THE CONCEALED SPACE. SUCH IDENTIFICATION SHALL BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION. VERIFY LOCATIONS WITH AUTHORITY HAVING JURISDICTION (AHJ). INCLUDE LETTERING NOT LESS THAN 3 INCHES IN HEIGHT WITH A MINIMUM 3/8 INCH STROKE IN A CONTRASTING COLOR INCORPORATING "FIRE AND / OR SMOKE BARRIER-PROTECT WALL OPENINGS".
5. REFER TO DOOR SCHEDULE FOR RATED DOOR REQUIREMENTS.
6. ALL BEAMS AND COLUMNS THAT SUPPORT FIRE RATED ITEMS SHALL BE PROTECTED EQUAL TO THE REQUIRED RATING OF THOSE ITEMS.

SYMBOL LEGEND

- 41 — CALCULATED OCCUPANT LOAD
- (25) — INDICATES ACTUAL OCCUPANT LOAD
- 2 HOUR FIRE WALL
- 1 HOUR FIRE BARRIER
- EGRESS PATHWAY
- # — PATH LETTER DESIGNATION (SEE PATH OF TRAVEL SCHEDULE)
- INDICATES POINT OF EXIT DISCHARGE
- ### — INDICATES ACTUAL NUMBER OF PERSONS DESIGNATED FOR EGRESS FROM SPACE
- * — INDICATES LOCATION OF EGRESS WINDOW
- NON-SIMULTANEOUS OCCUPANCY
- 'B' BUSINESS OCCUPANCY
- FE — FIRE EXTINGUISHER

PATH OF TRAVEL

A	83 ft
B	102 ft
C	118 ft
D	136 ft
E	113 ft
F	105 ft
G	101 ft
H	101 ft

FIRE SUPPRESSION GENERAL NOTES

1. BUILDING IS REQUIRED TO BE PROTECTED WITH AN AUTOMATIC FIRE SUPPRESSION SYSTEM. SYSTEM SHALL BE PROVIDED BY THE GENERAL CONTRACTOR ON A DESIGN BUILD BASIS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING DRAWINGS, SIGNED, AND SEALED BY A LICENSED ENGINEER, AND OBTAINING A PERMIT REQUIRED TO COMPLETE WORK.
2. ALL FIRE PROTECTION WORK SHALL MEET NFPA 13 AND ALL APPLICABLE FEDERAL STATE AND LOCAL CODES.
3. COORDINATE THE FIRE PROTECTION WORK WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
4. COORDINATE LOCATION OF SPRINKLER HEADS WITH LIGHT PLAN.

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3. KITCHEN LOCATIONS (GC): 2A:K TYPE FIRE EXTINGUISHER.
4. MAXIMUM FLOOR AREA FOR EXTINGUISHER = 11,250 SF.
5. MAXIMUM TRAVEL DISTANCE TO FIRE EXTINGUISHER = 75 FEET.
6. FIRE EXTINGUISHER TO BE MOUNTED 4'-0" (MAXIMUM) AFF TO TOP IN ACCORDANCE ACCESSIBILITY REQUIREMENTS.
   A. FIRE EXTINGUISHERS WITH GROSS WEIGHT OVER 40LBS. MUST BE MOUNTED 3'-6" MAX.
   B. CLEARANCE BETWEEN THE BOTTOM OF THE FLOOR AND THE EXTINGUISHER MAY NOT BE LESS THAN 4".
7. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

True Project

2' 8' 32'
0' 4' 16' 48'

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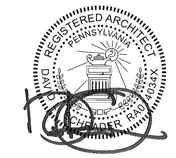

Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

Drawing Title:
FIRST FLOOR FIRE SAFETY & EGRESS PLAN

Drawing Number:
A002

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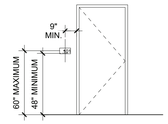

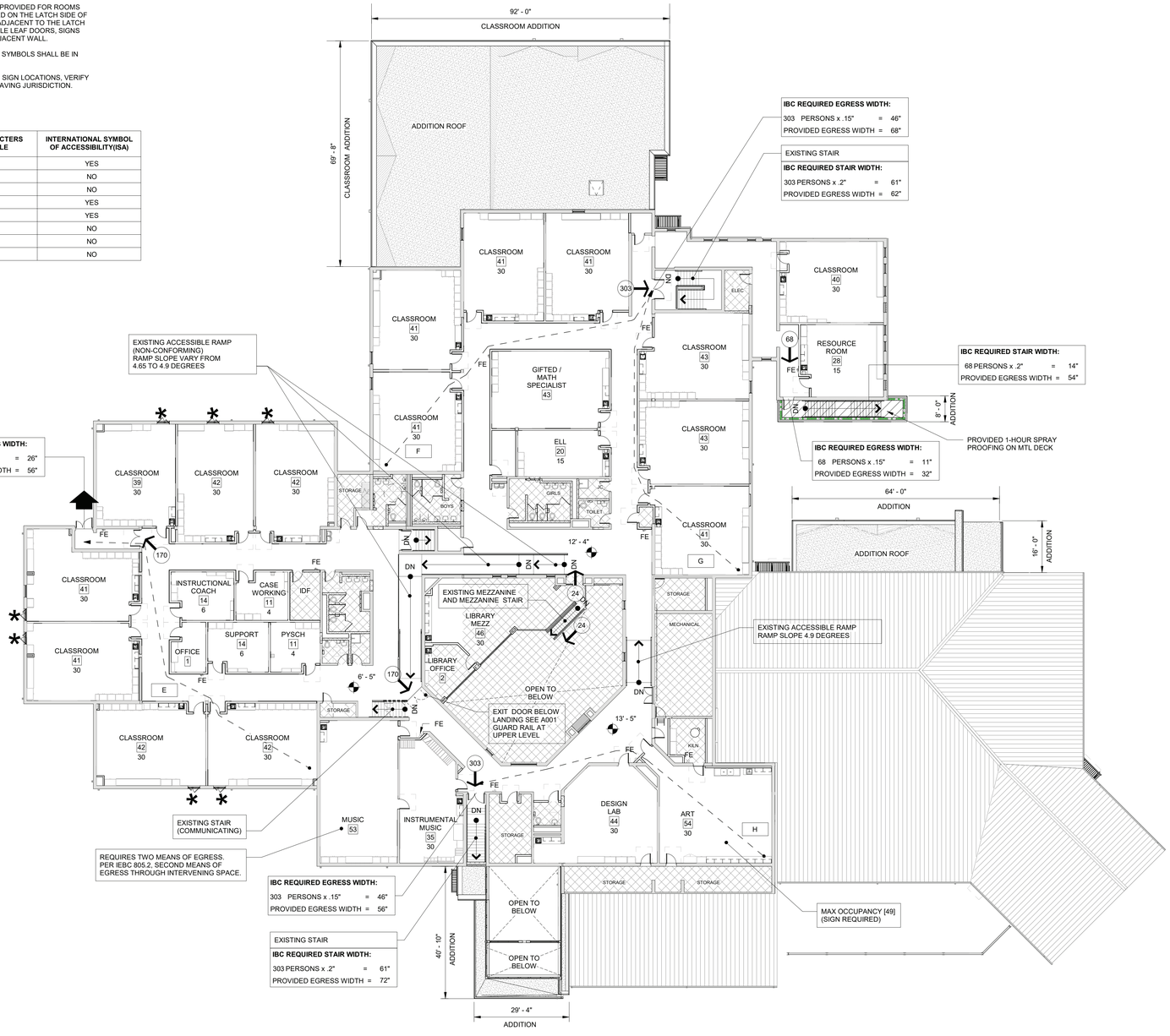

1 | A003 — COMPOSITE SECOND FLOOR EGRESS PLAN
SCALE: 1/16" = 1'-0"

GENERAL CODE NOTES

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	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

Drawing Title:
SECOND FLOOR FIRE SAFETY & EGRESS PLAN

Drawing Number:
A003

TYPICAL ABBREVIATIONS:

AP	ACOUSTICAL PANEL
ACT	ACOUSTICAL CEILING TILE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALUM, AL	ALUMINUM
ARCH	ARCHITECTURAL
ASPH	ASPHALT
ATTCHMT	ATTACHMENT
BD	BOARD
BLDG	BUILDING
BLK	BLOCK(ING)
BM	BEAM
B.O.S.	BOTTOM OF SLAB
BRG	BEARING
BRK	BRICK
BTM	BOTTOM
BYND	BEYOND
CJ	CONTROL OR CONSTRUCTION JOINT
CLO.	CLOSET
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
C.O.	CLEAN OUT
COL.	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CORR	CORRIDOR
COV	COVER
CPT	CARPET
CT/CER	CERAMIC TILE/CERAMIC
C.U.H.	CABINET UNIT HEATER
CW	CURTAINWALL
D (or) DRN	DRAIN
DBL	DOUBLE
DET	DETAIL
D.F.	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DIV. STRIP	DIVIDER STRIP
DN	DOWN
DP	DAMPPROOF(ING)
DR	DOOR
D.S.	DOWN SPOUT
DT	DRAIN TILE
D.W.	DISH WASHER
DWG	DRAWING
EA	EACH
EJ	EXPANSION JOINT
EJC	EXPANSION JOINT COVER
EIFS	EXTERIOR INSUL. FINISH SYSTEM
ELEC	ELECTRICAL
EL	ELEVATION
ELEV	ELEVATOR
ENCL	ENCLOSURE
EQ	EQUAL
EQUIP	EQUIPMENT
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FA	FRESH AIR
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
F.F. / FIN. FL.	FINISH FLOOR
FIN	FINISH
FL.	FLOOR
FLSH	FLASHING
FLUOR	FLUORESCENT
F.O.S.	FACE OF STUDS
FR(G)	FRAME(ING)
FRTW	FIRE RATED TREATED WOOD
FT	FEET OR FOOT
FUR	FURRING
FVC	FIRE VALVE CABINET
GA	GAGE OR GAUGE
GALV	GALVANIZE
GC	GENERAL CONTRACTOR (GC-1R)
G.I.	GALVANIZED IRON
GL	GLASS
GM	GALVANIZED METAL
GR	GRADE
GWB	GYPSUM WALL BOARD
GYP.BD / GWB	GYPSUM BOARD
H.B.	HOSE BIB
H.C.	HOLLOW CORE
"H"	HANDICAPPED ACCESSIBLE
HDW	HARDWARE
HDWD	HARDWOOD
H.M.	HOLLOW METAL
HOR	HORIZONTAL
HT	HEIGHT
HTR	HEATER
I.D.	INSIDE DIAMETER
INFO	INFORMATION
INSUL	INSULATION OR INSULATED
INT	INTERIOR
INV	INVERT
JAN	JANITOR
JT	JOINT
KO	KNOCKOUT
LAM	LAMINATE
LAV	LAVATORY
LP	LOW POINT
LT	LIGHT
MFGR / MANUF.	MANUFACTURER
MAS.	MASONRY
MATL	MATERIAL
MAX.	MAXIMUM
MBM	METAL BUILDING MANUFACTURER
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MEMB	MEMBRANE
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
M.O.	MASONRY OPENING
MOV	MOVABLE
M.T.	MARBLE THRESHOLD
MTL	METAL
N	NORTH
NIC	NOT IN CONTRACT
NOM	NOMINAL
NO.	NUMBERS
NTS	NOT TO SCALE
O.C.	ON CENTER
OF/CI	OWNER FURNISHED / CONTRACTOR INSTALLED
OFF	OFFICE
O.H.	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
O.S.B.	ORIENTED STRAND BOARD
OVHD	OVERHEAD
PLAM	PLASTIC LAMINATE
PTN	PARTITION
P.C.PL	PORTLAND CEMENT PLASTER
P.H.	PAPER HOLDER
PL	PROPERTY LINE
PLAS	PLASTER
PLUM	PLUMBING
PNL	PANEL
PNT	PAINT
POL	POLISHED
PR	PAIR
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PTS	POINTS
P.T.	PRESSURE TREATED
PWD	PLYWOOD
Q.T.	QUARRY TILE
R	RADIUS
R. VENT	RANGE VENT
REF	REFERENCE
REINF	REINFORCE, REINFORCED
REQ'D.	REQUIRE(D)
RET	RETURN
REV	REVISE, REVISION
RM	ROOM
R.O.	ROUGH OPENING
RSTRM	RESTROOM
SA	SELF-ADHERED
SAN	SANITARY
SAN. ST.	SANITARY STACK
SCR	SCREEN
SEC	SECTION
SCHED	SCHEDULE(D)
SCU	SELF-CONTAINED UNIT
SF	SQUARE FOOT (FEET)
SG	SCHRADERGROUP
SHT	SHEET
SIM	SIMILAR
SOG	SLAB ON GRADE
SP	STANDPIPE
SPLSH. BLK.	SPLASH BLOCK
SPEC.	SPECIFICATION
SPR	SPRINKLER
SQ	SQUARE
SS	SOLID SURFACE
SSTL	STAINLESS STEEL
SSD	SEE STRUCTURAL DRAWINGS
STN	STAIN(ED)
STL	STEEL
STG/STOR	STORAGE
STRFRNT	STOREFRONT
STRUCT	STRUCTURAL, STRUCTURE
SUSP	SUSPEND(ED)
T	TEMPERED
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TB	TACKBOARD
TEMP	TEMPORARY
TH	THRESHOLD
THK	THICK(NESS)
THRU	THROUGH
T.O.C.	TOP OF CURB
T.O.M.	TOP OF MASONRY
T.O.	TOP OF
T.O.S.	TOP OF STEEL
TPFS	THROUGH-PENETRATION FIRE SAFING
TRTD	TREATED
TYP	TYPICAL
U.L.	UNDERWRITERS LABORATORY
UNFIN	UNFINISHED
U.N.O.	UNLESS NOTED OTHERWISE
V	VENT
VCT	VINYL COMPOSITION TILE
VENT.	VENTILATE
VERT	VERTICAL
VEST	VESTIBULE
V.I.F.	VERIFY IN FIELD
V.W.C.	VINYL WALL COVERING
VOL	VOLUME
W	WIDTH
W/	WITH
WxH	WIDTH x HEIGHT
WB	WHITE BOARD
WC	WATER CLOSET
WD	WOOD
WDW	WINDOW
WH	WATER HEATER
WK	WORK
WP	WORK POINT
WPF	WATERPROOF
WSHP	WATER SOURCE HEAT PUMP
WT	WEIGHT
&	AND
@	AT
'	FEET
"	INCHES
#	POUNDS

DEMO KEYNOTES - FULL LIST

#	DESCRIPTION
D1A	REMOVE CONCRETE SLAB ON GRADE FLOOR SYSTEM TO EXTEND SHOWN.
D1C	REMOVE CONCRETE STAIR SYSTEM, ASSOCIATED COMPONENTS AND FOUNDATION COMPLETELY.
D1D	REMOVE CONCRETE RAMP SYSTEM, ASSOCIATED COMPONENTS AND FOUNDATION COMPLETELY.
D1F	REMOVE GUARDRAIL SYSTEM, CUT BALUSTER POSTS FLUSH WITH TOP OF STRINGER AND GRIND SMOOTH, EXISTING STRINGER TO REMAIN. SEE NEW WORK PLANS FOR FULL EXTENT OF SCOPE.
D1G	REMOVE PORTION OF GUARDRAIL SYSTEM TO EXTENT SHOWN
D1H	REMOVE CONCRETE PLANK FLOOR SYSTEM TO EXTENT SHOWN
D1J	REMOVE STAGE FLOOR SYSTEM AND SUPPORT ENTIRELY
D1K	REMOVE CONCRETE SLAB ON GRADE FLOOR SYSTEM TO ACCOMMODATE NEW PLUMBING WORK, APPROXIMATE EXTENT SHOWN, COORDINATE WITH NEW PLUMBING WORK. PC RESPONSIBLE FOR CUTTING AND PATCHING SUBFLOOR. GC RESPONSIBLE FOR FINISH FLOOR.
D1L	REMOVE STEEL ANGLE AND CHANNEL RAILING GUARDRAIL COMPLETELY.
D2B	REMOVE PORTION OF EXTERIOR WALL SYSTEM TO EXTENT SHOWN
D2C	REMOVE WALL PARTITION SYSTEM COMPLETELY
D2D	REMOVE PORTION OF WALL PARTITION SYSTEM TO EXTENT SHOWN.
D2E	REMOVE STOREFRONT WALL SYSTEM COMPLETELY.
D2F	COORDINATE OPENING SIZE WITH NEW WORK, SEE NEW WORK DRAWING FOR ADDITIONAL INFORMATION.
D2G	SALVAGE BRICK MASONRY, CLEAN AND PREPARE FOR RE-USE IN NEW WORK.
D2H	REMOVE TOILET PARTITION SYSTEM COMPLETELY.
D2J	REMOVE WALL TILE AND WOOD BACKUP STRUCTURE COMPLETELY.
D3A	REMOVE DOOR SYSTEM COMPLETELY.
D3B	REMOVE DOOR, EXISTING FRAME TO REMAIN.
D3C	REMOVE WINDOW SYSTEM COMPLETELY.
D3D	REMOVE ROLL UP OVERHEAD DOOR SYSTEM COMPLETELY.
D3E	REMOVE FOLDING SECURITY GATE SYSTEM COMPLETELY.
D3F	REMOVE AND SALVAGE SMART PROJECTOR (BY EC).
D4A	REMOVE CEILING SYSTEM, SALVAGE ACOUSTICAL CEILING TILES FOR REINSTALLATION IN NEW WORK.
D4B	REMOVE SOFFIT AND WOOD BACKUP STRUCTURE COMPLETELY.
D5A	REMOVE ROOF SYSTEM AND ASSOCIATED STEEL STRUCTURAL BEAM SYSTEM COMPLETELY.
D5B	REMOVE ASPHALT SHINGLED ROOF SYSTEM DOWN TO ROOF DECK, EXISTING ROOF DECK SYSTEM TO REMAIN.
D5C	REMOVE MEMBRANE ROOF SYSTEM DOWN TO ROOF DECK, EXISTING ROOF DECK SYSTEM TO REMAIN.
D5D	REMOVE CONCRETE CANOPY COMPLETELY.
D5E	REMOVE ROOF DRAIN AND ASSOCIATED PIPING, SEE MEP DEMOLITION DRAWINGS FOR FULL EXTENT OF SCOPE.
D5F	REMOVE METAL DOWNSPOUT COMPLETELY.
D5G	REMOVE METAL GUTTER SYSTEM COMPLETELY
D6A	REMOVE FLOOR FINISH SYSTEM COMPLETELY.
D6B	REMOVE STAIR TREAD AND RISER FINISH SYSTEM COMPLETELY.
D6D	REMOVE ALL WALL MOUNTED TACK BOARDS / WHITE BOARD COMPLETELY.
D6E	REMOVE CASEWORK SYSTEM COMPLETELY.
D6F	REMOVE AND REINSTALL MUSIC STORAGE CASEWORK, SEE NEW WORK PLANS FOR INSTALLATION LOCATION.
D6G	STAGE CURTAINS ARE TO BE SALVAGED, STORED AND REINSTALLED AFTER RENOVATION IS COMPLETE.
D6H	REMOVE CEILING MOUNTED PROJECTION SCREEN IN ITS ENTIRETY.
D6J	REMOVE AND REINSTALL ART ROOM KILN, SEE NEW WORK PLANS FOR INSTALLATION LOCATION.
D6K	REMOVE FLOOR TRACK AND PREP FOR INFILL
D7A	REMOVE PLUMBING FIXTURE(S) COMPLETELY (BY PC), SEE PLUMB DEMOLITION DRAWINGS FOR FULL EXTENT OF SCOPE.
D7B	REMOVE FLOOR MOUNTED MECHANICAL UNIT (BY MC), SEE MECH DEMOLITION DRAWINGS FOR FULL EXTENT OF SCOPE.
D7C	REMOVE ROOF TOP MECHANICAL UNIT (BY MC), SEE MECH DEMOLITION DRAWINGS FOR FULL EXTENT OF SCOPE.
D7E	REMOVE DOCK BUMPER SYSTEM COMPLETETLY.
D7F	REMOVE AND REINSTALL FOLDING PARTITION. TEMPORARILY REMOVE FOLDING PARTITION SYSTEM. REINSTALL AT LOCATIONS INDICATED IN NEW WORK.
D7G	REMOVE AND SALVAGE KITCHEN EQUIPMENT.
D7H	REMOVE PRIVACY CURTAIN SYSTEM
D7K	REMOVE MECHANICAL LOUVER

CONTRACTOR RESPONSIBILITY

FLOOR: EACH INDIVIDUAL CONTRACTOR TO CUT FLOOR AS REQUIRED BY THE DOCUMENTS AND TO REPAIR FLOOR TO SUBFLOOR LEVEL AND PREPARE A SMOOTH SUBSTRATE FOR FINAL FLOORING FINISH WHEN WORK IS COMPLETE. GENERAL CONTRACTOR TO PROVIDE FINISH FLOOR MATERIAL AND TO FLASH PATCH AS REQUIRED TO PREPARE FLOOR SURFACE FOR FINISH. WHERE EXISTING FLOORING IS REMOVED, GENERAL CONTRACTOR SHALL REMOVE MASTIC AND UNDERLAYMENT TO PROVIDE A LEVEL SUBSTRATE FOR INSTALLATION OF NEW FLOORING BY GENERAL CONTRACTOR. GENERAL CONTRACT TO PREPARE FLOOR AS REQUIRED TO OBTAIN SMOOTH FINISH SURFACE.

WALLS: ALL WALL OPENINGS IN VISIBLE AREAS OF THE FINAL DESIGN WILL BE CUT AND PATCHED BY THE GENERAL CONTRACTOR. FOR ALL OPENINGS IN AREAS NOT VISIBLE IN FINAL DESIGN (I.E. ABOVE CEILINGS) THE MECHANICAL CONTRACTOR, ELECTRICAL CONTRACTOR, PLUMBING CONTRACTOR, AND SPRINKLER CONTRACTOR, WILL CUT HOLES AND PATCH FOR THEIR RESPECTIVE SCOPE OF WORK. GENERAL CONTRACTOR TO PATCH WALLS AT EXISTING ELECTRICAL OUTLETS AND LIGHT SWITCH LOCATIONS.

CEILINGS: GENERAL CONTRACTOR TO REMOVE ALL CEILINGS TILES AND GRIDS AND REINSTALL NEW CEILING AND GRID IN ALL SCOPE OF WORK AREAS AFTER MECHANICAL CONTRACTOR, ELECTRICAL CONTRACTOR, PLUMBING CONTRACTOR, AND SPRINKLER CONTRACTOR WORK IS COMPLETE. EACH INDIVIDUAL CONTRACTOR WILL BE REQUIRED TO CUT THEIR OWN CEILING TILES FOR THEIR RESPECTIVE DEVICES. CORRIDORS THAT WILL REQUIRE REMOVAL AND REPLACEMENT OF CEILINGS MULTIPLE TIMES THROUGH PROJECT PHASES ARE TO REUSE SALVAGED CEILING TILES TO THE GREATEST EXTENT POSSIBLE. GENERAL CONTRACTOR TO PROVIDE ALL CORRIDORS WITH NEW CEILING TILES PRIOR TO SUBSTANTIAL COMPLETION. ANY INCIDENTAL CEILING REMOVAL OUTSIDE OF THE DESIGNATED PHASED SCOPE OF WORK AREA MUST BE RESTORED BY THE CONTRACTOR PERFORMING THE WORK. ALL CEILINGS ARE REQUIRED TO BE RESTORED AND REMAIN IN PLACE DURING HOURS OF OPERATION, WHICH INCLUDE REGULAR INSTRUCTIONAL HOURS, BEFORE / AFTER-SCHOOL PROGRAMS AND SPECIAL EVENTS.

ROOF: GENERAL CONTRACTOR TO SUPPLY AND INSTALL REQUIRED SUPPORTING STEEL AT OPENINGS INCLUDING ROOF DUNNAGE STEEL. MECHANICAL CONTRACT TO PROVIDE AND INSTALL ROOF CURBS FOR MECHANICAL EQUIPMENT CUT ROOF PENETRATIONS AS REQUIRED FOR MECHANICAL CONTRACTOR SCOPE. ELECTRICAL CONTRACTOR TO CUT ROOF FOR ELECTRICAL SCOPE OF ROOFTOP EQUIPMENT. PLUMBING CONTRACTOR TO CUT ROOF FOR VENT LINES. ROOFING CONTRACTOR TO PATCH AND FLASH NEW ROOF AROUND ALL PENETRATIONS AND OPENINGS. ROOFING CONTRACTOR TO PROVIDE TEMPORARY WEATHER PROTECTION AS REQUIRED AT ALL PENETRATIONS AND OPENINGS.

CONCRETE PADS: THE MECHANICAL CONTRACTOR, ELECTRICAL CONTRACTOR, PLUMBING CONTRACTOR, AND SPRINKLER CONTRACTOR SHALL PROVIDE ALL CONCRETE EQUIPMENT AND MAINTENANCE PADS FOR THEIR RESPECTIVE SCOPE OF WORK. GENERAL CONTRACTOR TO PROVIDE CONCRETE PADS AT EXTERIOR ALL EXTERIOR DOORS.

SITE WORK FOR UTILITIES: SITE CONTRACTOR TO PROVIDE SANITARY SEWER AND STORMWATER UTILITIES FROM CONNECTION POINTS TO EXISTING TO WITHIN 5'-0" (UNO) OF EXTERIOR OF EXISTING BUILDING AND ADDITIONS AS PER SCOPE. SITE CONTRACTOR TO PROVIDE NEW FIRE SERVICE TO WITHIN 5'-0" (UNO) OF EXTERIOR OF EXISTING BUILDING. NEW UNDERGROUND GAS SERVICE TO METER INCLUDING TRENCHING AND BACKFILLING IS BY PECO. RESTORATION OF PAVING IS BY SITE CONTRACTOR. EXISTING GAS METER TO BE REMOVED AND REPLACED BY PECO. PLUMBING CONTRACTOR SHALL CONNECT TO NEW GAS PIPING AT THE OUTLET OF THE NEW GAS METER. DOMESTIC WATER SERVICE IS EXISTING TO REMAIN.

ELECTRICAL CONTRACTOR TO REMOVE UTILITY POLES, PRIMARY CABLING, CONDUITS, AND CONCRETE AS SHOWN ON THE CONTRACT DOCUMENTS AND COORDINATE NEW UTILITY SERVICE DROP LOCATION WITH PECO. PROVIDE NEW PRIMARY SERVICE CONDUCTORS, CONDUITS, CONCRETE, TRENCHING, AND BACKFILL FROM NEW UTILITY POLE DROP LOCATION AS SHOWN ON THE CONTRACT DOCUMENTS TO THE NEW PECO SECONDARY TRANSFORMER. ELECTRICAL CONTRACTOR TO PROVIDE NEW UTILITY TRANSFORMER VAULT. ELECTRICAL CONTRACTOR TO PROVIDE NEW SECONDARY CONDUITS AND SECONDARY CONDUCTORS FROM NEW SECONDARY TRANSFORMER TO NEW SWITCHBOARD INSIDE THE EXISTING BUILDING. ELECTRICAL CONTRACTOR TO PROVIDE NEW TELECOM CONDUITS, CONCRETE, TRENCHING, AND BACKFILL FROM UTILITY POLE TO INSIDE BUILDING AS SHOWN ON THE CONTRACT DOCUMENTS. ELECTRICAL CONTRACTOR TO PROVIDE NEW CONDUITS, CABLING, CONCRETE, TRENCHING, AND BACKFILL FROM NEW GENERATOR TO NEW EMERGENCY ELECTRICAL EQUIPMENT INSIDE BUILDING.

SITE WORK FOR LIGHTING: ELECTRICAL CONTRACTOR TO DISCONNECT EXISTING SITE LIGHTING FIXTURES. ELECTRICAL CONTRACTOR TO REMOVE EXISTING LIGHTING POLES AND CONCRETE BASES. ELECTRICAL CONTRACTOR TO REMOVE EXISTING WIRING AND CONDUIT. ELECTRICAL CONTRACTOR TO INSTALL NEW LIGHT FIXTURES, POLES, WIRING, CONDUIT, AND CONCRETE BASES AS PER DRAWINGS. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.

GENERAL: PRIME CONTRACTORS SHALL CUT ALL REQUIRED OPENINGS. GENERAL CONTRACTOR TO PATCH VISIBLE OPENINGS.

REFER TO SPECIFICATION SECTION 011200 - MULTIPLE CONTRACT SUMMARY FOR SCOPE OF WORK.

SYMBOL LEGEND

NEW STUD WALL

NEW MASONRY WALL

EXISTING WALL / CONSTRUCTION

NEW DOOR

EXISTING DOOR

EXISTING WALL / CONSTRUCTION TO BE DEMOLISHED

EXISTING DOOR TO BE DEMOLISHED

NEW WINDOW, STOREFRONT OR CURTAINWALL

COLUMN GRID LINE

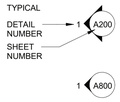
ELEMENT ABOVE OR HIDDEN LINE

CENTERLINE

BREAKLINE

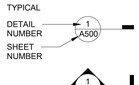
DIMENSION (TO CENTER LINE)

DIMENSION (TO FRAMING)



EXTERIOR ELEVATION TAG

INTERIOR ELEVATION TAG



DETAIL TAG

WALL SECTION TAG

BUILDING SECTION TAG

DETAIL CALL-OUT TAG

ROOM TAG

PARTITION TAG

DOOR TAG

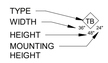
WINDOW TAG

CASEWORK FINISH END PANEL

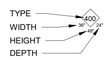
DEMO TAG - OBJECT(S)

DEMO TAG - EXTENTS

CEILING TAG



VISUAL DISPLAY UNIT TAG



CASEWORK TAG

LOCKER TAG

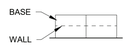
TOILET ACCESSORY TAG

ELEVATION MARKER

SPOT ELEVATION

NEW PARTIALLY RECESSED FIRE EXTINGUISHER CABINET

DENOTES ADA ACCESSIBILITY



CASEWORK

TOILET (WALL MOUNTED)

TOILET (FLOOR MOUNTED)

URINAL

SINK / LAVATORY

WASH BASIN

MOP SINK

ELECTRIC WATER COOLER

ROOF DRAIN

EMERGENCY OVERFLOW ROOF DRAIN

REVISION CLOUD & TAG

KEYNOTES - FULL LIST

#	DESCRIPTION
2A	ALL EXPOSED EXISTING BRICK MASONRY, CLEAN ACCORDING TO MASONRY CLEANING SPECIFICATIONS. REMOVE ANY PAINT, STAINS, OR DISCOLORATION USING ADDITIONAL METHODS OUTLINED IN THE SPECIFICATIONS. REPAIR OR REPLACE DAMAGED AREAS, INCLUDING FILLING HOLES, FIXING DEFECTS, AND REPLACING CRACKED OR SPALLED BRICK. MATCH EXISTING BRICK COLOR.
2B	REPAIR ALL CRACKED OR DETERIORATED MORTAR JOINTS. AT ALL EXISTING BRICK MASONRY TO REMAIN AND EXPOSED TO VIEW, PER MASONRY REPOINTING SPECIFICATION. MATCH EXISTING MORTAR COLOR.
2C	REMOVE ALL EXISTING SEALANT JOINTS. PREPARE JOINTS AND INSTALL NEW SEALANT WITH BACKER ROD
2D	REMOVE EXISTING WALL VEGETATION FROM THE BRICK SURFACE BEFORE CLEANING. EVALUATE THE BRICK CONDITION AFTER REMOVAL FOR REQUIRED REPOINTING AND REPAIRS
2E	REMOVE ALL EXISTING JOINT SEALANT FROM EXISTING WINDOW (OR LOUVER) TO REMAIN. PREPARE FRAME AND JOINT FOR NEW SEALANT AND INSTALL NEW SEALANT AT PERIMETER
2F	CLEAN AND REPAINT EXISTING CONCRETE MODULAR WALLS AND ASSOCIATED EIFS WALLS. PREPARE SURFACES AS REQUIRED FOR NEW PAINT APPLICATION.
3A	CONCRETE SLAB, SEE STRUCT DWGS
3B	INFILL EXISTING CONDITION. PROVIDE NEW CONCRETE SLAB FLUSH WITH EXISTING FLOOR AND PREPARE FOR NEW FLOOR FINISH
4A	BRICK VENEER MASONRY. INFILL TO MATCH EXISTING
4C	GROUND FACE BLOCK VENEER MASONRY
4D	INFILL GROUND FACE BLOCK TO MATCH EXISTING ADJACENT GROUND FACE BLOCK
4E	CAST STONE SILL
4F	CMU INFILL TO MATCH ADJACENT CONSTRUCTION
5A	STEEL PIPE BOLLARD, CONCRETE FILLED WITH PVC COVER (BY SC)
5C	METAL GUARD RAIL SYSTEM
5D	ROOF ACCESS LADDER
5E	ROOF HATCH WITH SAFETY RAILING SYSTEM
7A1	FIBER CEMENT PANEL SYSTEM
7A2	FIBER CEMENT PANEL SYSTEM - 4" SUB FRAMING
7B	COMPOSITE METAL WALL PANEL SYSTEM
7C	ALUMINUM FASCIA SYSTEM, PRE-FINISHED
7D	ALUMINUM COPING SYSTEM, PRE-FINISHED
7E	ALUMINUM SOFFIT PANEL SYSTEM, PRE-FINISHED
7F	ALUMINUM SCUPPER, PRE-FINISHED (BY RC)
7G	ALUMINUM 8" SMACNA "F" STYLE BOX GUTTER (BY RC)
7H	ALUMINUM 4"X4" DOWNSPOUT, PRE-FINISHED (BY RC)
7J	CAST-IRON METAL DOWNSPOUT BOOT (BY SC)
7K	STANDING SEAM METAL ROOF SYSTEM (BY RC)
7L	SNOW RETENTION SYSTEM (BY RC)
7N	MEMBRANE REINFORCED WALKWAY (BY RC)
7P	FLASHING
7Q	FLASHING - ROOF TO WALL
7R	PREFABRICATED METAL CANOPY ASSEMBLY
7V	RIDGE VENT
8A	ACOUSTICAL PANEL ENCLOSURE
10B	KNOX BOX, COORDINATE TYPE AND FINAL LOCATION WITH AHJ
10C	DIMENSIONAL LETTER SIGNAGE (CAST CHARACTERS)
10D	PREFABRICATED METAL CANOPY
10E	EXISTING FOLDING PARTITION REINSTALLED
10F	PRIVACY CURTAIN AND TRACK
11A	CEILING HUNG PROJECTION SCREEN
11B	COPY/PRINTER (OF/CI)
11C	THEATER CURTAINS AND TRACKS (EXISTING / REINSTALLED)
11D	EXISTING / REINSTALLED ART ROOM KILN
11E	LOADING DOCK BUMPERS (LAMINATED RUBBER)
22C	ROOF DRAIN (BP PC)
22E	WALL HYDRANT (BY PC) SEE PLUMBING DWGS
23A	MECHANICAL ROOF TOP UNIT (BY MC) SEE MECH DWGS
23B	EXHAUST FAN (BY MC) SEE MECH DWGS
23C	CABINET UNIT HEATER (BY MC) SEE MECH DWGS
23D	AIR COOLED CHILLER (BY MC) SEE MECH DWGS
23E	CONDENSING UNIT (BY MC) SEE MECH DWGS
26C	ENGINE GENERATOR (BY EC) SEE ELEC DWGS

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1005 West Lehigh Street
Bethlehem, PA 18018
(610) 694-8020

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153 East King Street, Suite 211-212
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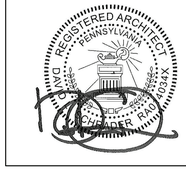
Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

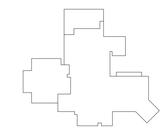
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

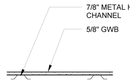
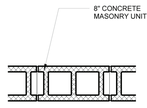
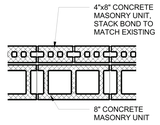
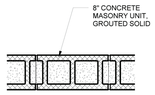
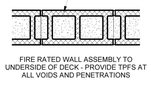
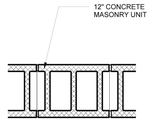
Key Plan:



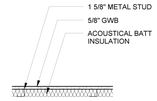
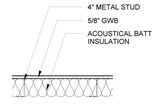
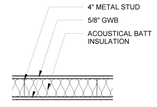
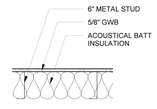
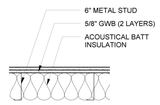
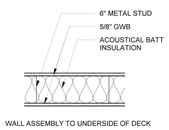
Drawing Title:
GENERAL NOTES AND ABBREVIATION

Drawing Number:
A004

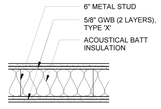
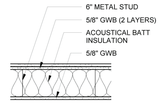
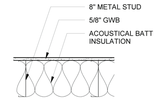
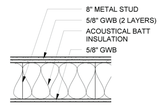
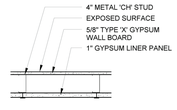
INTERIOR PARTITION SCHEDULE

WALL TYPE	WALL CONSTRUCTION	WALL FRAMING			WALL RATING		
		TYPE	SIZE	SPACING	FIRE RATING	UL#	STC
H7A	 WALL ASSEMBLY TO UNDERSIDE OF DECK	METAL	7/8"	16" O.C.	-	-	-
M8	 WALL ASSEMBLY TO UNDERSIDE OF DECK	-	-	-	-	-	46
M8M4		-	-	-	-	-	50
M8X	 FIRE RATED WALL ASSEMBLY TO UNDERSIDE OF DECK - PROVIDE TPFS AT ALL VOIDS AND PENETRATIONS	METAL	7/8"	16" O.C.	1 HR	IBC TABLE 720.1(2) ITEM 3.1.4	56
M8Z	 FIRE RATED WALL ASSEMBLY TO UNDERSIDE OF DECK - PROVIDE TPFS AT ALL VOIDS AND PENETRATIONS	METAL	7/8"	16" O.C.	2 HR	IBC TABLE 720.1(2) ITEM 3.1.4	56
M12	 WALL ASSEMBLY TO UNDERSIDE OF DECK	-	-	-	-	-	50

INTERIOR PARTITION SCHEDULE

WALL TYPE	WALL CONSTRUCTION	WALL FRAMING			WALL RATING		
		TYPE	SIZE	SPACING	FIRE RATING	UL#	STC
S1A	 WALL ASSEMBLY TO UNDERSIDE OF DECK	METAL	1 5/8"	16" O.C.	-	-	-
S4A	 WALL ASSEMBLY TO UNDERSIDE OF DECK	METAL	4"	16" O.C.	-	-	34
S4C	 WALL ASSEMBLY TO UNDERSIDE OF DECK	METAL	4"	16" O.C.	-	-	40
S6A	 WALL ASSEMBLY TO UNDERSIDE OF DECK	METAL	6"	16" O.C.	-	-	37
S6B	 WALL ASSEMBLY TO UNDERSIDE OF DECK	METAL	6"	16" O.C.	-	-	40
S6C	 WALL ASSEMBLY TO UNDERSIDE OF DECK	METAL	6"	16" O.C.	-	-	40

INTERIOR PARTITION SCHEDULE

WALL TYPE	WALL CONSTRUCTION	WALL FRAMING			WALL RATING		
		TYPE	SIZE	SPACING	FIRE RATING	UL#	STC
S6DZ	 FIRE RATED WALL ASSEMBLY TO UNDERSIDE OF DECK - PROVIDE TPFS AT ALL VOIDS AND PENETRATIONS	METAL	6"	16" O.C.	2 HR	U419	51
S6E	 WALL ASSEMBLY TO UNDERSIDE OF DECK	METAL	6"	16" O.C.	-	-	47
S8A	 WALL ASSEMBLY TO UNDERSIDE OF DECK	METAL	8"	16" O.C.	-	-	38
S8E	 WALL ASSEMBLY TO UNDERSIDE OF DECK	METAL	8"	16" O.C.	-	-	49
U4CX	 FIRE RATED WALL ASSEMBLY TO UNDERSIDE OF DECK - PROVIDE TPFS AT ALL VOIDS AND PENETRATIONS	METAL	4"	24" O.C.	1 HR	U415	41

PARTITION SCHEDULE NOTES:

1. REFERENCE STRUCTURAL DRAWINGS FOR TYPICAL T.O. WALL DETAIL WHEN MASONRY PARTITION IS CONTINUOUS TO UNDERSIDE OF DECK ABOVE.
2. IN THE EVENT OF THE ROOF STRUCTURE INTERRUPTING A PROPOSED PARTITION'S PATH TO THE UNDERSIDE OF THE DECK, CONTRACTOR IS RESPONSIBLE FOR PROVIDING CLOSURE / PARTITION OF EQUAL OR GREATER FIRE, SOUND AND RESILIENCE RATINGS TO UNDERSIDE OF DECK TO MAINTAIN ALL PROPOSED FIRE, SOUND AND SAFETY RATINGS AT NO ADDITIONAL COST TO THE OWNER. IN THE EVENT OF SAID CONFLICT, CONTRACTOR TO SUBMIT ALL PROPOSED PARTITION SUBSTITUTION REQUESTS DUE TO CONFLICTS WITH ROOF FRAMING TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
3. ALL WET WALLS TO RECEIVE MOISTURE RESISTANT GYPSUM WALL BOARD, REFERENCE PLANS FOR LOCATIONS,
4. ALL WALLS UTILIZING WALL WASH LIGHT FIXTURES OR LIGHT FIXTURES LOCATED WITHIN 24" OF WALL ARE TO RECEIVE A 'LEVEL 5' FINISH.
5. ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING PER IBC 703.6'
6. EXTERIOR PARTITION TYPES DO NOT SHOW OR DICTATE INTERIOR FINISHES. WALL CONSTRUCTION SHOWN STOPS AT WALL STRUCTURE / BACK-UP.
7. ALL INTERIOR PARTITIONS WHICH RECEIVE CERAMIC TILE FINISH INSTALLED MORE THAN 5' IN HEIGHT SHALL BE FRAMED WITH 20 GA. MIN. STUDS AT 12" O.C. W/ HORIZONTAL COLD ROLLED STIFFENER CHANNELS AT 4'-0" O.C. (MAX.) AND EXTEND FROM FINISHED FLOOR TO STRUCTURE ABOVE. 20 GA. DIAGONAL STUD KICKERS MUST ALSO BE INSTALLED AT EVERY OTHER VERTICAL STUD ABOVE CEILING.
8. ALL INTERIOR CORRIDOR PARTITIONS ARE TO RECEIVE "IMPACT RESISTANT" GYPSUM WALL BOARD UP TO A MINIMUM OF 10' AFF UNLESS OTHERWISE NOTED. REFERENCE SPECIFICATIONS FOR CLASS OF IMPACT RATED DRYWALL.

PARTITION SCHEDULE LEGEND:

1. PREFIX CODES (CORE TYPES)

S	METAL STUD
M	MASONRY
W	WOOD STUD
H	FURRING / HAT CHANNEL
U	SHAFTWALL

2. FINISH CODES

A	(1) LAYER OF FINISH ON ONE SIDE
B	(2) LAYERs OF FINISH ON ONE SIDE
C	(1) LAYER OF FINISH ON BOTH SIDES
D	(2) LAYER OF FINISH ON BOTH SIDES
E	(1) LAYER OF FINISH ON ONE SIDE, (2) LAYERS ON THE OTHER SIDE

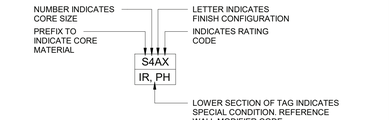
3. RATING CODES

R	BALLISTIC RESISTANT
Q	ACOUSTIC RATED
X	1 HOUR FIRE RATED
Z	2 HOUR FIRE RATED

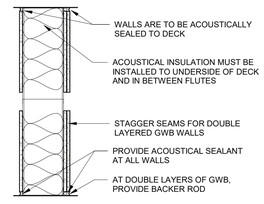
4. SPECIAL CONDITION CODES

SP	SMOKE PARTITION - SEAL ALL PENETRATIONS AND TOP/BOTTOM OF PARTITION. SEE DETAIL ABOVE
PH	PARTIAL HEIGHT - FINISH TO TERMINATE 12" ABOVE FINISHED CEILING; FRAMING TO CONTINUE TO DECK ABOVE
MR	MOISTURE RATED GYPSUM WALL BOARD
CB	1/2" CEMENT BACKING PANEL; PROVIDE 1/2" GWB ABOVE WHERE WALL TILE STOPS IN ORDER TO PROVIDE FLUSH FINISH.
PW	PROVIDE 3/4" FIRE RATED TREATED PLYWOOD BEHIND FINISH
IR	IMPACT RESISTANT GYPSUM WALL BOARD TO 10' ABOVE FINISHED FLOOR
NB	BATT INSULATION IS NOT REQUIRED
HW	HALF HEIGHT WALL, REFERENCE DETAILS FOR SPECIFIC WALL HEIGHT
CT	WALL RECEIVES CERAMIC TILE FINISH OVER 5', REFERENCE GENERAL NOTE 41 ON A003.
INFILL	LOCATED INSIDE EXISTING OPENING TO BE INFILLED

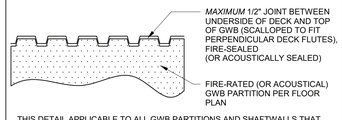
PARTITION TAG SYMBOL LEGEND:



TYPICAL GWB PARTITION DETAIL



TYPICAL FIRE-RATED OR ACOUSTICALLY-RATED GWB PARTITION DETAIL



THIS DETAIL APPLICABLE TO ALL GWB PARTITIONS AND SHAFTWALLS THAT ARE DESIGNED TO IBC TABLE 720.1 AND/OR 'UL' DESIGN STANDARDS PER THE PRECEDING PARTITION TYPES

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
Conshohocken, PA 19428
p: 215 482 7440
f: 215 482 7441
www.sgarc.com

Consultants:

Civil:

T&M Associates
1700 Market Street, Suite 3110
Philadelphia, PA 19103
(215) 282-7850

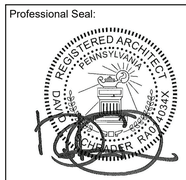
MEP:

Snyder Hoffman Associates
1005 West Lehigh Street
Bethlehem, PA 18018
(610) 694-8020

Structural Engineer

SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
(717) 299-8965

Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:

HILLSDALE ELEMENTARY SCHOOL

725 West Market Street
West Chester, PA 19382

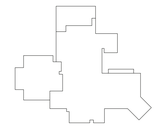
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:



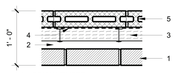
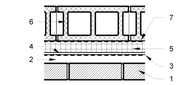
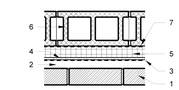
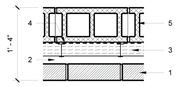
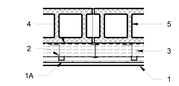
Drawing Title:

INTERIOR PARTITION TYPES

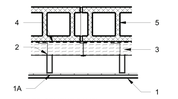
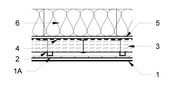
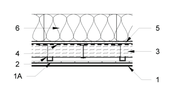
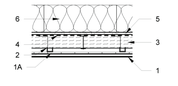
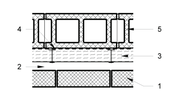
Drawing Number:

A005

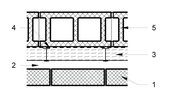
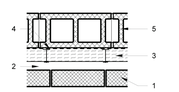
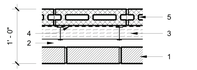
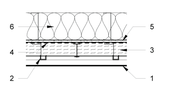
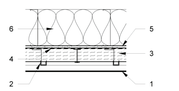
EXTERIOR PARTITION SCHEDULE

WALL TYPE	WALL CONSTRUCTION	WALL FRAMING TYPE	WALL FRAMING SIZE	WALL FRAMING STUD SPACING
BR-M4	 1. BRICK VENEER 2. AIR SPACE 3. 3" MINERAL WOOL BOARD INSUALTION W/ INSULATION HANGERS 4. AIR BARRIER 5. 4" CMU	CMU	4" NOMINAL	-
BR-M8	 1. BRICK VENEER 2. AIR SPACE 3. AIR BARRIER 4. 1/2" EXTERIOR GYPSUM SHEATHING 5. 2-1/2" RIGID INSULATION W/ Z-GIRTS (HORIZ.) 6. 8" CMU 7. DAMPPROOFING	CMU	8" NOMINAL	-
BR-M8	 1. BRICK VENEER 2. AIR SPACE 3. AIR BARRIER 4. 1/2" EXTERIOR GYPSUM SHEATHING 5. 2-1/2" RIGID INSULATION W/ Z-GIRTS (HORIZ.) 6. 8" CMU 7. DAMPPROOFING	CMU	8" NOMINAL	-
BR-M8	 1. BRICK VENEER 2. AIR SPACE 3. 3" MINERAL WOOL BOARD INSULATION W/ INSULATION HANGERS 4. DAMPPROOFING 5. 8" CMU	CMU	8" NOMINAL	-
CP-M8-1	 1. FIBER CEMENT PANEL 1A. FIBER CEMENT PANEL ATTACHMENT SYSTEM 2. EXTERIOR FINISH SUBFRAMING SYSTEM 3. 3" MINERAL WOOL BOARD INSULATION W/ INSULATION HANGERS 4. DAMPPROOFING 5. 8" CMU	CMU	8" NOMINAL	-

EXTERIOR PARTITION SCHEDULE

WALL TYPE	WALL CONSTRUCTION	WALL FRAMING TYPE	WALL FRAMING SIZE	WALL FRAMING STUD SPACING
CP-M8-2	 1. FIBER CEMENT PANEL 1A. FIBER CEMENT PANEL ATTACHMENT SYSTEM 2. EXTERIOR FINISH SUBFRAMING SYSTEM (4") 3. 3" MINERAL WOOL BOARD INSULATION W/ INSULATION HANGERS 4. AIR BARRIER 5. 8" CMU	CMU	8" NOMINAL	-
CP-S6	 1. FIBER CEMENT PANEL 1A. FIBER CEMENT PANEL ATTACHMENT SYSTEM 2. EXTERIOR FINISH SUBFRAMING SYSTEM 3. 3" MINERAL WOOL BOARD INSULATION W/ INSULATION HANGERS 4. AIR BARRIER 5. 1/2" EXTERIOR GYPSUM SHEATHING 6. 6" MTL STUDS @ 16" O.C. W/ BATT INSULATION	METAL	6"	16" O.C.
CP-S6	 1. FIBER CEMENT PANEL 1A. FIBER CEMENT PANEL ATTACHMENT SYSTEM 2. EXTERIOR FINISH SUBFRAMING SYSTEM 3. 3" MINERAL WOOL BOARD INSULATION W/ INSULATION HANGERS 4. AIR BARRIER 5. 1/2" EXTERIOR GYPSUM SHEATHING 6. 6" MTL STUDS @ 16" O.C. W/ BATT INSULATION	METAL	6"	16" O.C.
CP-S6	 1. FIBER CEMENT PANEL 1A. FIBER CEMENT PANEL ATTACHMENT SYSTEM 2. EXTERIOR FINISH SUBFRAMING SYSTEM 3. 3" MINERAL WOOL BOARD INSULATION W/ INSULATION HANGERS 4. AIR BARRIER 5. 1/2" EXTERIOR GYPSUM SHEATHING 6. 6" MTL STUDS @ 16" O.C. W/ BATT INSULATION	METAL	6"	16" O.C.
GB-M8	 1. GROUND FACE BLOCK 2. AIR SPACE 3. 3" MINERAL WOOL BOARD INSULATION W/ INSULATION HANGERS 4. DAMPPROOFING 5. 8" CMU	CMU	8" NOMINAL	-

EXTERIOR PARTITION SCHEDULE

WALL TYPE	WALL CONSTRUCTION	WALL FRAMING TYPE	WALL FRAMING SIZE	WALL FRAMING STUD SPACING
GB-M8	 1. GROUND FACE BLOCK 2. AIR SPACE 3. 3" MINERAL WOOL BOARD INSULATION W/ INSULATION HANGERS 4. DAMPPROOFING 5. 8" CMU	CMU	8" NOMINAL	-
GB-M8	 1. GROUND FACE BLOCK 2. AIR SPACE 3. 3" MINERAL WOOL BOARD INSULATION W/ INSULATION HANGERS 4. DAMPPROOFING 5. 8" CMU	CMU	8" NOMINAL	-
GB-S4	 1. BRICK VENEER 2. AIR SPACE 3. 3" MINERAL WOOL BOARD INSULATION W/ INSULATION HANGERS 4. AIR BARRIER 5. 4" CMU	CMU	4" NOMINAL	-
MC-S6	 1. COMPOSITE METAL PANEL 2. EXTERIOR FINISH SUBFRAMING SYSTEM 3. 3" MINERAL WOOL BOARD INSULATION W/ INSULATION HANGERS 4. AIR BARRIER 5. 1/2" EXTERIOR GYPSUM SHEATHING 6. 6" MTL STUDS @ 16" O.C. W/ BATT INSULATION	METAL	6"	16" O.C.
MC-S8	 1. COMPOSITE METAL PANEL 2. EXTERIOR FINISH SUBFRAMING SYSTEM 3. 3" MINERAL WOOL BOARD INSULATION W/ INSULATION HANGERS 4. AIR BARRIER 5. 1/2" EXTERIOR GYPSUM SHEATHING 6. 8" MTL STUDS @ 16" O.C. W/ BATT INSULATION	METAL	8"	16" O.C.

PARTITION SCHEDULE NOTES:

1. REFERENCE STRUCTURAL DRAWINGS FOR TYPICAL T.O. WALL DETAIL WHEN MASONRY PARTITION IS CONTINUOUS TO UNDERSIDE OF DECK ABOVE.
2. IN THE EVENT OF THE ROOF STRUCTURE INTERRUPTING A PROPOSED PARTITION'S PATH TO THE UNDERSIDE OF THE DECK, CONTRACTOR IS RESPONSIBLE FOR PROVIDING CLOSURE / PARTITION OF EQUAL OR GREATER FIRE, SOUND AND RESILIENCE RATINGS TO UNDERSIDE OF DECK TO MAINTAIN ALL PROPOSED FIRE, SOUND AND SAFETY RATINGS AT NO ADDITIONAL COST TO THE OWNER. IN THE EVENT OF SAID CONFLICT, CONTRACTOR TO SUBMIT ALL PROPOSED PARTITION SUBSTITUTION REQUESTS DUE TO CONFLICTS WITH ROOF FRAMING TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
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4. ALL WALLS UTILIZING WALL WASH LIGHT FIXTURES OR LIGHT FIXTURES LOCATED WITHIN 24" OF WALL ARE TO RECEIVE A 'LEVEL 5' FINISH.
5. ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING PER IBC 703.6'
6. EXTERIOR PARTITION TYPES DO NOT SHOW OR DICTATE INTERIOR FINISHES. WALL CONSTRUCTION SHOWN STOPS AT WALL STRUCTURE / BACK-UP.
7. ALL INTERIOR PARTITIONS WHICH RECEIVE CERAMIC TILE FINISH INSTALLED MORE THAN 5' IN HEIGHT SHALL BE FRAMED WITH 20 GA. MIN. STUDS AT 12" O.C. W/ HORIZONTAL COLD ROLLED STIFFENER CHANNELS AT 4'-0" O.C. (MAX.) AND EXTEND FROM FINISHED FLOOR TO STRUCTURE ABOVE. 20 GA. DIAGONAL STUD KICKERS MUST ALSO BE INSTALLED AT EVERY OTHER VERTICAL STUD ABOVE CEILING.
8. ALL INTERIOR CORRIDOR PARTITIONS ARE TO RECEIVE "IMPACT RESISTANT" GYPSUM WALL BOARD UP TO A MINIMUM OF 10' AFF UNLESS OTHERWISE NOTED. REFERENCE SPECIFICATIONS FOR CLASS OF IMPACT RATED DRYWALL.

PARTITION SCHEDULE LEGEND:

1. PREFIX CODES (CORE TYPES)

S	METAL STUD
M	MASONRY
W	WOOD STUD
H	FURRING / HAT CHANNEL
U	SHAFTWALL

2. FINISH CODES

A	(1) LAYER OF FINISH ON ONE SIDE
B	(2) LAYERs OF FINISH ON ONE SIDE
C	(1) LAYER OF FINISH ON BOTH SIDES
D	(2) LAYER OF FINISH ON BOTH SIDES
E	(1) LAYER OF FINISH ON ONE SIDE, (2) LAYERS ON THE OTHER SIDE

3. RATING CODES

R	BALLISTIC RESISTANT
Q	ACOUSTIC RATED
X	1 HOUR FIRE RATED
Z	2 HOUR FIRE RATED

4. SPECIAL CONDITION CODES

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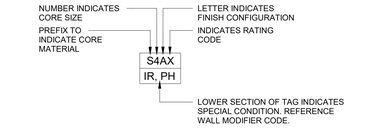
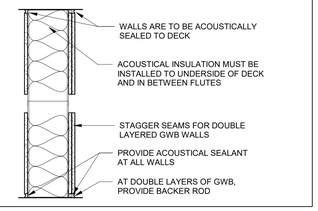
PH	PARTIAL HEIGHT - FINISH TO TERMINATE 12" ABOVE FINISHED CEILING; FRAMING TO CONTINUE TO DECK ABOVE
MR	MOISTURE RATED GYPSUM WALL BOARD
CB	1/2" CEMENT BACKING PANEL; PROVIDE 1/2" GWB ABOVE WHERE WALL TILE STOPS IN ORDER TO PROVIDE FLUSH FINISH.
PW	PROVIDE 3/4" FIRE RATED TREATED PLYWOOD BEHIND FINISH
IR	IMPACT RESISTANT GYPSUM WALL BOARD TO 10' ABOVE FINISHED FLOOR
NB	BATT INSULATION IS NOT REQUIRED
HW	HALF HEIGHT WALL, REFERENCE DETAILS FOR SPECIFIC WALL HEIGHT
CT	WALL RECEIVES CERAMIC TILE FINISH OVER 5', REFERENCE GENERAL NOTE 41 ON A003.
INFILL	LOCATED INSIDE EXISTING OPENING TO BE INFILLED

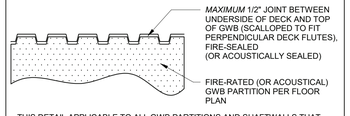
PARTITION TAG SYMBOL LEGEND:



TYPICAL GWB PARTITION DETAIL



TYPICAL FIRE-RATED OR ACOUSTICALLY-RATED GWB PARTITION DETAIL



THIS DETAIL APPLICABLE TO ALL GWB PARTITIONS AND SHAFTWALLS THAT ARE DESIGNED TO IBC TABLE 720.1 AND/OR 'UIL' DESIGN STANDARDS PER THE PRECEDING PARTITION TYPES

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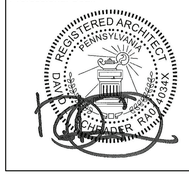

Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

ISSUED FOR:

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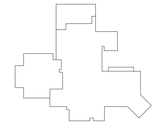
DATE: 12/03/2024

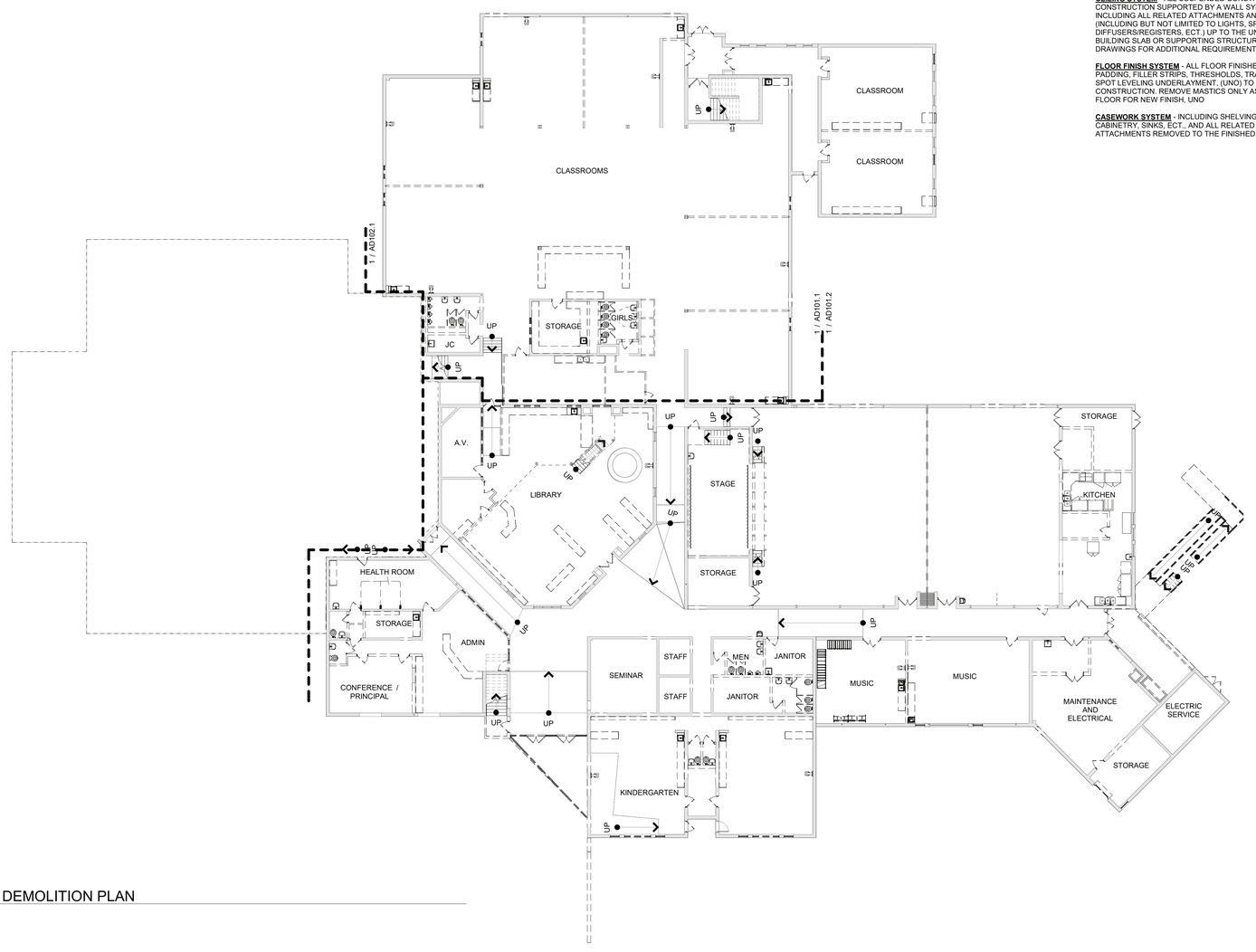
SGA PROJECT NUMBER: 23-029

Key Plan:



Drawing Title:
EXTERIOR PARTITION TYPES

Drawing Number:
A006



1 COMPOSITE FIRST FLOOR DEMOLITION PLAN
AD101 SCALE: 1/16" = 1'-0"

DEMOLITION DEFINITIONS

REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED.

REMOVE AND SALVAGE: CAREFULLY DETACH FROM EXISTING CONSTRUCTION, IN A MANNER TO PREVENT DAMAGE, AND DELIVER TO OWNER.

REMOVE AND REINSTALL: DETACH ITEMS FROM EXISTING CONSTRUCTION, PREPARE FOR REUSE, AND REINSTALL WHERE INDICATED.

EXISTING TO REMAIN: EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT TO BE PERMANENTLY REMOVED AND THAT ARE NOT OTHERWISE INDICATED TO BE REMOVED, REMOVED AND SALVAGED, OR REMOVED AND REINSTALLED.

FLOOR SYSTEM - THE CONCRETE SLAB, SETTING BEDS, SUBFLOOR, FINISH FLOOR MATERIALS AND ANY FINISH ATTACHED ABOVE OR CEILING SYSTEM OR ATTACHMENT SUSPENDED BELOW. THE FLOOR SYSTEM DOES NOT INCLUDE ANY STRUCTURAL STEEL MEMBERS UNLESS NOTED OTHERWISE.

STAIR SYSTEM - ALL CONSTRUCTION RELATED TO A STAIR SYSTEM INCLUDING TREADS, RISERS, STRINGERS, SUPPORT FRAMING, FINISHES, BLOCKING, HANDRAILS, GUARD RAILS, BRACKETS, NOSINGS, PANS, AND CONCRETE.

WALL PARTITION SYSTEM - ALL WALL CONSTRUCTION FROM FLOOR SLAB, INCLUDING ALL ASSOCIATED STEEL, DOOR AND WINDOW SYSTEMS, BLOCKING, CORNICES, TRIM, BASE, FINISHES, TRACKS AND ALL RELATED ATTACHMENTS AND COMPONENTS. REFERENCE MEP DRAWINGS FOR ADDITIONAL REQUIREMENTS. DOES NOT INCLUDE BUILDING STRUCTURE UNLESS NOTED OTHERWISE (UNO).

DOOR SYSTEM - ALL CONSTRUCTION RELATED TO A DOOR OPENING, INCLUDING DOOR, FRAME, TRIM, THRESHOLD, STOPS, CLOSURES, TRANSOMS, SIDELIGHTS AND ALL RELATED ATTACHMENTS AND ANCHORS, ECT., TO PROVIDE A CLEAR ROUGH OR MASONRY OPENING. THE DOOR SYSTEM DOES NOT INCLUDE STRUCTURAL LINTELS UNLESS NOTED OTHERWISE.

WINDOW SYSTEMS - ALL CONSTRUCTION RELATED TO A WINDOW OPENING, INCLUDING SASH, FRAME, TRIM, SILL, WEIGHTS, LOCKS, BLINDS, AND ALL RELATED ATTACHMENTS AND COMPONENTS TO PROVIDE A CLEAR ROUGH OR MASONRY OPENING. THE WINDOW SYSTEM DOES NOT INCLUDE STRUCTURAL LINTELS OR EXTERIOR SILLS UNLESS NOTED OTHERWISE.

CEILING SYSTEM - ALL SUSPENDED CONSTRUCTION OR CEILING CONSTRUCTION SUPPORTED BY A WALL SYSTEM BEING REMOVED INCLUDING ALL RELATED ATTACHMENTS AND COMPONENTS (INCLUDING BUT NOT LIMITED TO LIGHTS, SPEAKERS, EXIT SIGNS, DIFFUSERS/REGISTERS, ECT.) UP TO THE UNDERSIDE OF THE BUILDING SLAB OR SUPPORTING STRUCTURE. REFERENCE MEP DRAWINGS FOR ADDITIONAL REQUIREMENTS.

FLOOR FINISH SYSTEM - ALL FLOOR FINISHES, INCLUDING BASE PADDING, FILLER STRIPS, THRESHOLDS, TRANSITION STRIPS, AND SPOT LEVELING UNDERLAYMENT, (UNO) TO TOP OF SUBFLOOR CONSTRUCTION. REMOVE MASTICS ONLY AS REQUIRED TO PREP FLOOR FOR NEW FINISH, UNO

CASEWORK SYSTEM - INCLUDING SHELVING, COUNTERS, CABINETRY, SINKS, ECT., AND ALL RELATED HARDWARE AND ATTACHMENTS REMOVED TO THE FINISHED WALL AND FLOOR.

DEMOLITION GENERAL NOTES

1. DEMOLITION PLAN DRAWINGS WERE CREATED FROM EXISTING CONDITIONS SURVEYS AND ARE INTENDED TO SHOW THE GENERAL CONDITIONS WHICH ARE EXPECTED TO OCCUR. EXISTING BUILDING INFORMATION WAS OBTAINED FROM DRAWINGS OF ORIGINAL DRAWINGS DATED 9/17/74 PREPARED BY TOBIESSEN - WENGER AND ASSOCIATES ARCHITECTS. VERIFY ALL CONDITIONS BEFORE PROCEEDING WITH THE DEMOLITION WORK IN ANY AREA. EXISTING INFORMATION IS FOR REFERENCE ONLY. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. WHERE DISCREPANCIES INVOLVE STRUCTURAL ITEMS, REPORT DIFFERENCES TO THE ARCHITECT AND SECURE INSTRUCTIONS BEFORE PROCEEDING IN THE AFFECTED AREA.
2. A REVIEW OF DEMOLITION SCOPE WITH OWNER IS TO OCCUR PRIOR TO PROCEEDING WITH ANY DEMOLITION WORK. CONTRACTOR SHALL COORDINATE THE SALVAGE OF EXISTING ITEMS WITH THE OWNER. SEE NOTES FOR THE DIVISION OF WORK. EXACT LOCATIONS AND SIZES SHOWN ON PLAN MAY DIFFER FROM ACTUAL CONDITIONS. ITEMS NOTED REMOVE AND SALVAGE OR REMOVE AND REINSTALL SHALL BE STORED AND PROTECTED BY THE GENERAL CONTRACTOR.
3. BEFORE STARTING WORK, MAKE A THOROUGH EXAMINATION OF THOSE PORTIONS OF THE STRUCTURE IN WHICH THE WORK IS TO BE PERFORMED. CHECK ALL THE WORK ADJOINING OR AT UNDERLYING LOCATIONS. REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT OR PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK. DO NOT START THE WORK UNTIL SUCH CONDITIONS HAVE BEEN EXAMINED AND A COURSE OF ACTION MUTUALLY AGREED UPON.
4. ALL WORK BY GENERAL CONTRACTOR UNLESS NOTED OTHERWISE. REFER TO MECHANICAL DRAWINGS, ELECTRICAL DRAWINGS AND PLUMBING DRAWINGS FOR RESPECTIVE DEMOLITION SCOPE OF WORK, NOTES, AND INFORMATION. PRIME CONTRACTORS SHALL PERFORM ALL NECESSARY DEMOLITION AS REQUIRED FOR INSTALLATION OF NEW WORK AS SHOWN IN THE CONTRACT DOCUMENTS. ALL DEMOLITION NOT SPECIFICALLY SHOWN BUT NECESSARY TO COMPLETE THE PROJECT AS SHOWN SHALL BE THE RESPONSIBILITY OF THE PRIME CONTRACTOR RESPONSIBLE.
5. PRIOR TO THE START OF DEMOLITION, THE PRIME CONTRACTORS SHALL CALL TO THE ATTENTION OF THE OWNER: ANY DAMAGE, CRACKS OR OTHER IMPERFECTIONS IN THE WORK ADJACENT TO DEMOLITION AREAS.
6. PRIME CONTRACTORS SHALL INSPECT AND ASSESS EACH SPACE AND FULFILL THE INTENT OF THE WORK REQUIRED BY THE CONTRACT DOCUMENTS. DEVIATIONS REQUIRED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING.
7. THE GENERAL CONTRACTOR SHALL INSPECT AND ASSESS EACH SPACE AND FULFILL THE INTENT OF THE WORK REQUIRED BY THE CONTRACT DOCUMENTS. THE PRIME CONTRACTORS SHALL
8. THE GENERAL CONTRACTOR SHALL REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION WORK. THE PRIME CONTRACTORS SHALL REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES CAUSED BY THEIR DEMOLITION WORK.
9. ANY CUTTING AND REMOVAL INDICATED ON THE DRAWINGS ARE GENERAL INDICATIONS ONLY AND DO NOT NECESSARILY SHOW THE FULL EXTENT OF CUTTING AND REMOVAL WHICH MAY BE REQUIRED BY JOB CONDITIONS.
10. CONSTRUCTION AND EXISTING FINISHES SHALL REMAIN UNLESS NOTED OTHERWISE. DURING DEMOLITION WORK, PROPERLY PROTECT ALL EXISTING WORK SHOWN TO REMAIN. EXERCISE CARE WHEN REMOVING ADJACENT WORK. PROPERLY REPAIR TO THE ORIGINAL CONDITIONS. ANY DAMAGE TO ITEMS SHOWN TO REMAIN, CAUSED BY DEMOLITION PROCEDURES, TO THE SATISFACTION OF, AND AT NO ADDITIONAL COST, TO THE OWNER. PATCH SURFACE FINISHES BEHIND DEMOLITION WORK (I.E. FLOORS. WALLS. CEILINGS, ETC.) TO MATCH SURROUNDING CONDITIONS.
11. BEFORE STARTING DEMOLITION OPERATIONS, THE GENERAL CONTRACTOR SHALL PROVIDE THE NECESSARY PROTECTIVE BARRIERS AROUND TRAFFIC AREAS NEAR INTERIOR WORK AS REQUIRED AND IN STRICT ACCORDANCE WITH OSHA RULES AND REGULATIONS. PROTECT ALL EXISTING EQUIPMENT NOT DESIGNATED TO BE REMOVED. PERFORM ALL WORK REQUIRED TO PROTECT WORKERS, STUDENTS, SCHOOL STAFF, THE GENERAL PUBLIC FROM INJURY OR SICKNESS DUE TO DEMOLITION WORK.
12. THE GENERAL CONTRACTOR SHALL PROTECT ALL ITEMS TO REMAIN.
13. GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED TO: MAINTAIN THE INTEGRITY AND STRUCTURAL STABILITY OF EXISTING WALLS TO REMAIN. SECURE EXISTING WALLS DURING CUTTING OF NEW OPENINGS, AND SECURE EXISTING STRUCTURE TO REMAIN. VERIFY ALL BEARING WALLS IN FIELD.
14. EXCEPT WHERE NOTED OTHERWISE, REMOVE ALL DEMOLISHED MATERIALS FROM THE SITE. DO NOT BURN OR BURY MATERIALS ON THE SITE. AT THE COMPLETION OF WORK FOR EACH DAY, CLEAN THE ENTIRE AREA INVOLVED AND LEAVE IT IN A NEAT CONDITION, FREE OF DEBRIS AND RUBBISH. KEEP ALL ADJOINING PUBLIC AREAS CLEAN AND FREE OF DEBRIS OR CONSTRUCTION MATERIALS DURING WORKING HOURS. AND MAKE AN EFFORT TO PROVIDE SAFE CONDITIONS FOR THE GENERAL PUBLIC AND WORKMEN. REFERENCE DIVISION 01 SPECIFICATION SECTION "CONSTRUCTION WASTE MANAGEMENT" FOR CONTRACTORS RESPONSIBILITY FOR WASTE REMOVAL / DISPOSAL.
15. WHERE EXISTING FINISHES ARE TO REMAIN, THE GENERAL CONTRACTOR SHALL PATCH DISTURBED OR DEMOLISHED AREAS WITH FINISHES IN LIKE KIND AND COLOR TO THOSE REMOVED (UNLESS OTHERWISE NOTED). ATTEMPTS SHOULD BE MADE TO MATCH EXISTING COLORS AND TYPES WHEN MATERIAL IS STILL READILY AVAILABLE. IN THE EVENT MATERIALS ARE DISCONTINUED OR COST PROHIBITIVE TO MATCH, THE CONTRACTOR SHALL INFORM THE ARCHITECT FOR FINISHING INSTRUCTIONS.
16. THE OWNER WILL REMOVE ALL EXISTING ITEMS THAT THE OWNER WISHES TO SALVAGE PRIOR TO START OF DEMOLITION. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL REMAINING ITEMS.
17. ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, LAND DEVELOPMENT DRAWINGS, AND PROJECT SPECIFICATIONS MAY PROVIDE ADDITIONAL DEMOLITION REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BEING FAMILIAR WITH THESE DRAWINGS AND PROJECT SPECIFICATIONS AND ANY REQUIREMENTS PROVIDED BY THEM.
18. PRIOR TO THE DEMOLITION OF THOSE ITEMS WHICH HAVE UTILITY CONNECTIONS (WATER, GAS, ELECTRICITY, STEAM, ETC.) THE CONTRACTOR SHALL ARRANGE WITH THE OWNER TO LOCATE SHUTOFF VALVES, PANEL BOXES AND OTHER CONTROL ELEMENTS, SO THAT WATER DAMAGE AND OTHER POTENTIALLY INCONVENIENT OR DANGEROUS SITUATIONS ARE AVOIDED.
19. REFERENCE PARTIAL DEMOLITION PLANS FOR SPECIFIC DEMOLITION REQUIREMENTS.
20. REFERENCE DIVISION 01 SPECIFICATION SECTIONS FOR SELECTIVE DEMOLITION, CUTTING, AND PATCHING. TEMPORARY FACILITIES AND CONTROLS, SITE AND BUILDING DEMOLITION, CONSTRUCTION WASTE MANAGEMENT, AND RELATED SECTIONS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING DEMOLITION REQUIREMENTS WITH PROJECT PHASING. NOTIFY ARCHITECT PRIOR TO START OF WORK WITH ANY CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT OR PREVENT PROPER EXECUTION OF THE WORK.
22. THE OWNER PERFORMED ASBESTOS ABATEMENT UNDER A SEPARATE CONTRACT. NOTIFY THE ARCHITECT AND OWNER IMMEDIATELY OF ANY SUSPECTED ASBESTOS CONTAINING MATERIALS PRIOR TO THE START OF WORK UNLESS OTHERWISE NOTED HEREIN.

True Project

2' 8' 32'
0' 4' 16' 48'

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Professional Seal:

Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

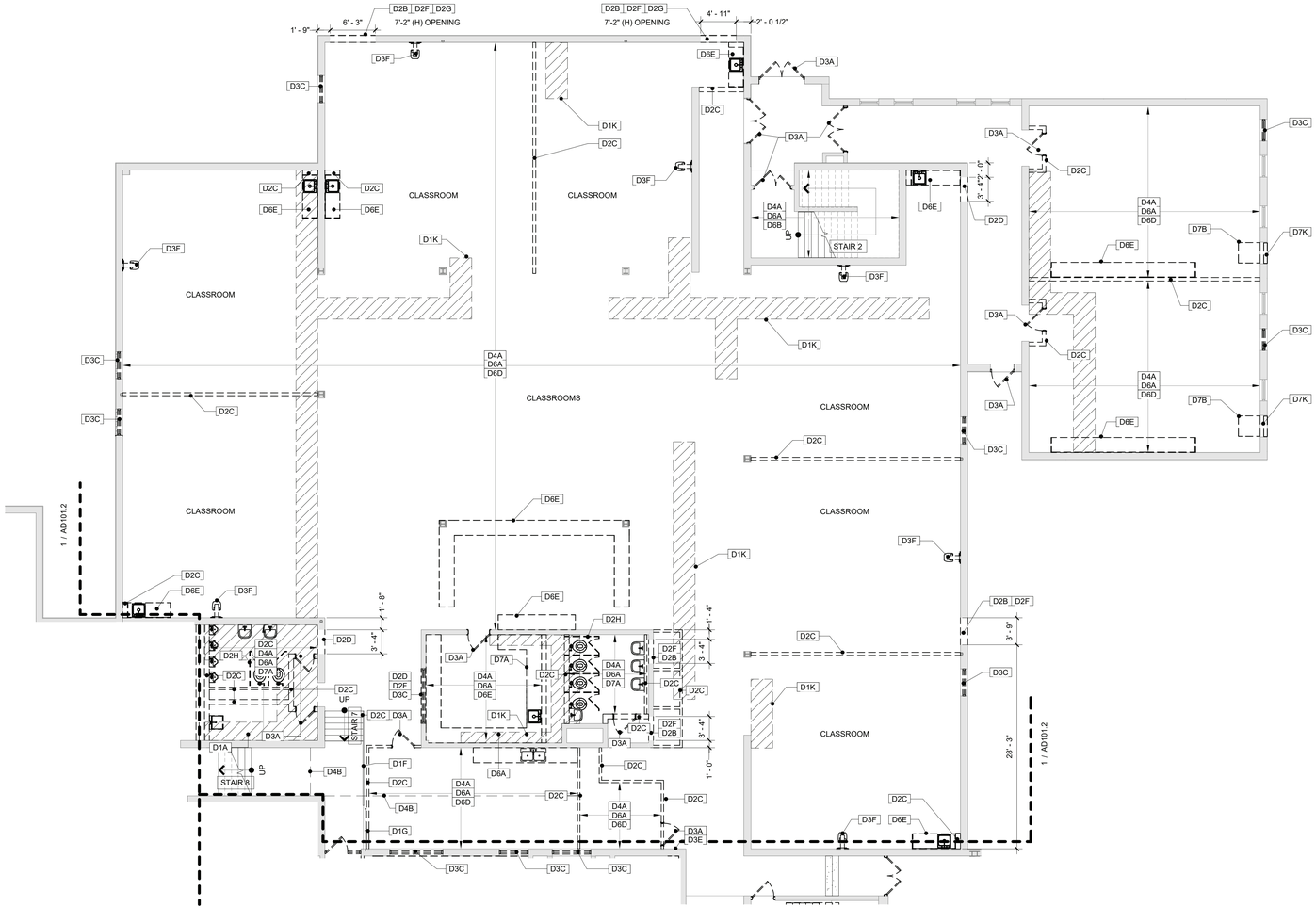
Key Plan:

Drawing Title:
COMPOSITE FIRST FLOOR DEMOLITION PLAN

Drawing Number:
AD101

DEMOLITION KEYNOTES

#	DESCRIPTION
D1A	REMOVE CONCRETE SLAB ON GRADE FLOOR SYSTEM TO EXTEND SHOWN.
D1F	REMOVE GUARDRAIL SYSTEM, CUT BALUSTER POSTS FLUSH WITH TOP OF STRINGER AND GRIND SMOOTH, EXISTING STRINGER TO REMAIN. SEE NEW WORK PLANS FOR FULL EXTENT OF SCOPE.
D1G	REMOVE PORTION OF GUARDRAIL SYSTEM TO EXTENT SHOWN
D1K	REMOVE CONCRETE SLAB ON GRADE FLOOR SYSTEM TO ACCOMMODATE NEW PLUMBING WORK, APPROXIMATE EXTENT SHOWN. COORDINATE WITH NEW PLUMBING WORK, PC RESPONSIBLE FOR CUTTING AND PATCHING SUBFLOOR. GC RESPONSIBLE FOR FINISH FLOOR.
D2B	REMOVE PORTION OF EXTERIOR WALL SYSTEM TO EXTENT SHOWN
D2C	REMOVE WALL PARTITION SYSTEM COMPLETELY
D2D	REMOVE PORTION OF WALL PARTITION SYSTEM TO EXTENT SHOWN.
D2F	COORDINATE OPENING SIZE WITH NEW WORK, SEE NEW WORK DRAWING FOR ADDITIONAL INFORMATION.
D2G	SALVAGE BRICK MASONRY, CLEAN AND PREPARE FOR RE-USE IN NEW WORK.
D2H	REMOVE TOILET PARTITION SYSTEM COMPLETELY.
D3A	REMOVE DOOR SYSTEM COMPLETELY.
D3C	REMOVE WINDOW SYSTEM COMPLETELY.
D3E	REMOVE FOLDING SECURITY GATE SYSTEM COMPLETELY.
D3F	REMOVE AND SALVAGE SMART PROJECTOR (BY EC).
D4A	REMOVE CEILING SYSTEM, SALVAGE ACOUSTICAL CEILING TILES FOR REINSTALLATION IN NEW WORK.
D4B	REMOVE SOFFIT AND WOOD BACKUP STRUCTURE COMPLETELY.
D6A	REMOVE FLOOR FINISH SYSTEM COMPLETELY.
D6B	REMOVE STAIR TREAD AND RISER FINISH SYSTEM COMPLETELY.
D6D	REMOVE ALL WALL MOUNTED TACK BOARDS / WHITE BOARD COMPLETELY.
D6E	REMOVE CASEWORK SYSTEM COMPLETELY.
D7A	REMOVE PLUMBING FIXTURE(S) COMPLETELY (BY PC). SEE PLUMB DEMOLITION DRAWINGS FOR FULL EXTENT OF SCOPE.
D7B	REMOVE FLOOR MOUNTED MECHANICAL UNIT (BY MC). SEE MECH DEMOLITION DRAWINGS FOR FULL EXTENT OF SCOPE.
D7K	REMOVE MECHANICAL LOUVER



1 PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA A
AD101.1 SCALE: 1/8" = 1'-0"

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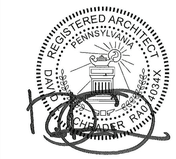

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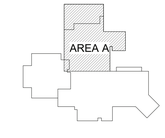
Key Plan:



Drawing Title:
PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA A

Drawing Number:
AD101.1

True Project

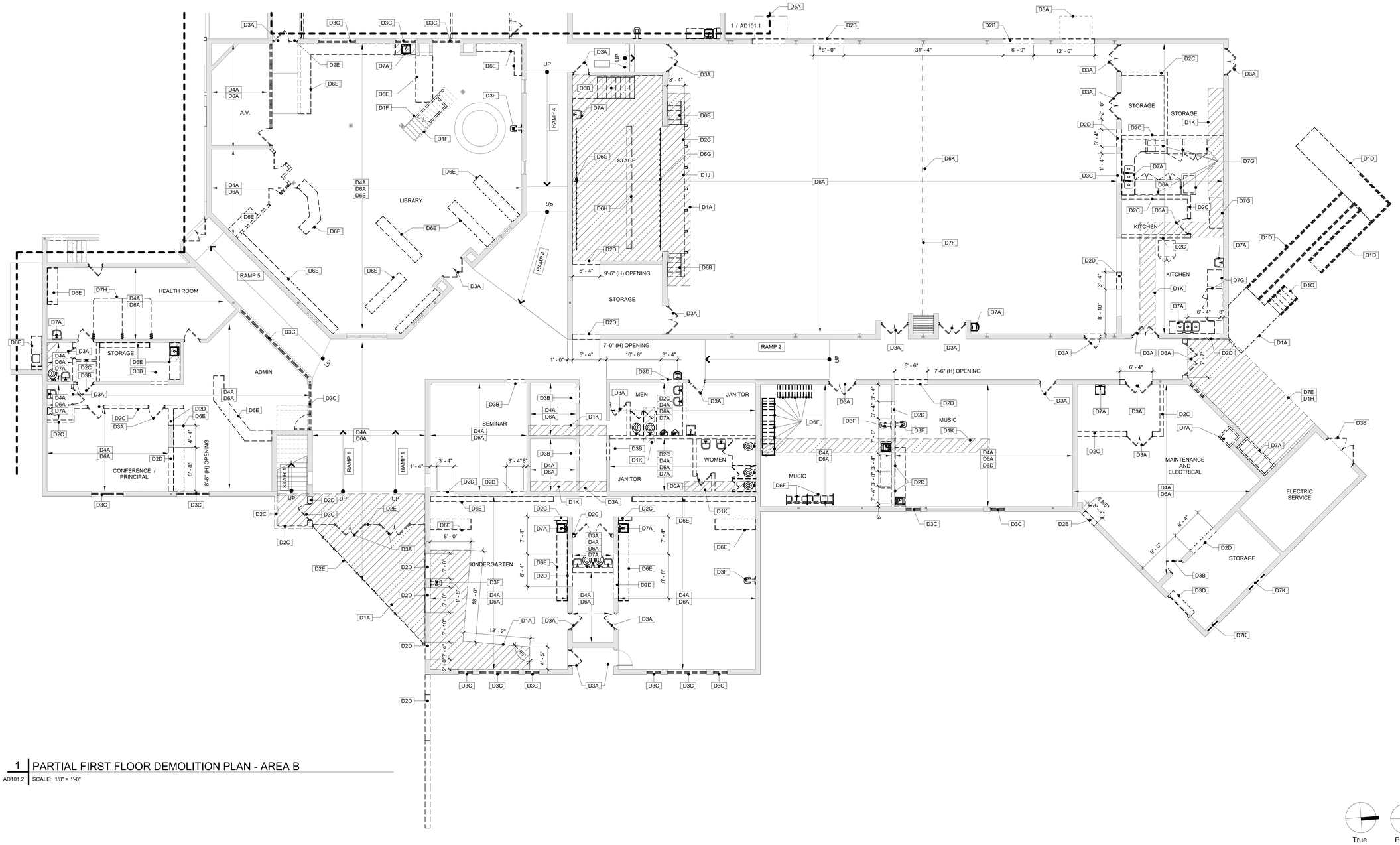
0' 2" 4' 8" 16' 24'

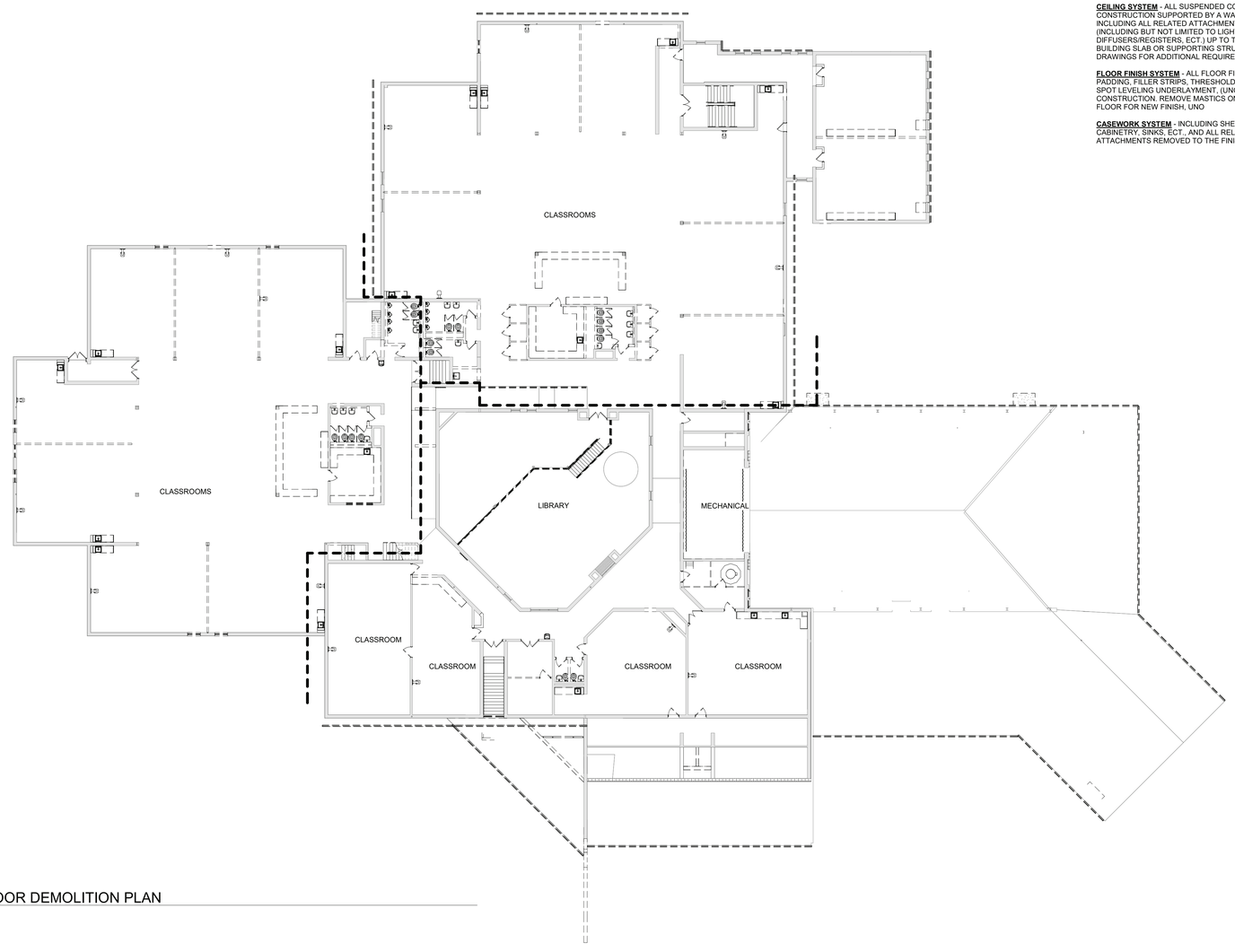
DEMOLITION KEYNOTES

#	DESCRIPTION
D1A	REMOVE CONCRETE SLAB ON GRADE FLOOR SYSTEM TO EXTEND SHOWN.
D1C	REMOVE CONCRETE STAIR SYSTEM, ASSOCIATED COMPONENTS AND FOUNDATION COMPLETELY.
D1D	REMOVE CONCRETE RAMP SYSTEM, ASSOCIATED COMPONENTS AND FOUNDATION COMPLETELY.
D1F	REMOVE GUARDRAIL SYSTEM, CUT BALUSTER POSTS FLUSH WITH TOP OF STRINGER AND GRIND SMOOTH, EXISTING STRINGER TO REMAIN. SEE NEW WORK PLANS FOR FULL EXTENT OF SCOPE.
D1H	REMOVE CONCRETE PLANK FLOOR SYSTEM TO EXTENT SHOWN
D1J	REMOVE STAGE FLOOR SYSTEM AND SUPPORT ENTIRELY
D1K	REMOVE CONCRETE SLAB ON GRADE FLOOR SYSTEM TO ACCOMMODATE NEW PLUMBING WORK, APPROXIMATE EXTENT SHOWN, COORDINATE WITH NEW PLUMBING WORK, PC RESPONSIBLE FOR CUTTING AND PATCHING SUBFLOOR. GC RESPONSIBLE FOR FINISH FLOOR.
D2B	REMOVE PORTION OF EXTERIOR WALL SYSTEM TO EXTENT SHOWN
D2C	REMOVE WALL PARTITION SYSTEM COMPLETELY
D2D	REMOVE PORTION OF WALL PARTITION SYSTEM TO EXTENT SHOWN.
D2E	REMOVE STOREFRONT WALL SYSTEM COMPLETELY.
D3A	REMOVE DOOR SYSTEM COMPLETELY.
D3B	REMOVE DOOR, EXISTING FRAME TO REMAIN.
D3C	REMOVE WINDOW SYSTEM COMPLETELY.

DEMOLITION KEYNOTES

#	DESCRIPTION
D3D	REMOVE ROLL UP OVERHEAD DOOR SYSTEM COMPLETELY.
D3F	REMOVE AND SALVAGE SMART PROJECTOR (BY EC).
D4A	REMOVE CEILING SYSTEM, SALVAGE ACOUSTICAL CEILING TILES FOR REINSTALLATION IN NEW WORK.
D5A	REMOVE ROOF SYSTEM AND ASSOCIATED STEEL STRUCTURAL BEAM SYSTEM COMPLETELY
D6A	REMOVE FLOOR FINISH SYSTEM COMPLETELY.
D6B	REMOVE STAIR TREAD AND RISER FINISH SYSTEM COMPLETELY.
D6D	REMOVE ALL WALL MOUNTED TACK BOARDS / WHITE BOARD COMPLETELY.
D6E	REMOVE CASEWORK SYSTEM COMPLETELY.
D6F	REMOVE AND REINSTALL MUSIC STORAGE CASEWORK, SEE NEW WORK PLANS FOR INSTALLATION LOCATION.
D6G	STAGE CURTAINS ARE TO BE SALVAGED, STORED AND REINSTALLED AFTER RENOVATION IS COMPLETE.
D6H	REMOVE CEILING MOUNTED PROJECTION SCREEN IN ITS ENTIRETY.
D6K	REMOVE FLOOR TRACK AND PREP FOR INFILL
D7A	REMOVE PLUMBING FIXTURE(S) COMPLETELY (BY PC). SEE PLUMB DEMOLITION DRAWINGS FOR FULL EXTENT OF SCOPE.
D7E	REMOVE DOCK BUMPER SYSTEM COMPLETELY.
D7F	REMOVE AND REINSTALL FOLDING PARTITION. TEMPORARILY REMOVE FOLDING PARTITION SYSTEM. REINSTALL AT LOCATIONS INDICATED IN NEW WORK.
D7G	REMOVE AND SALVAGE KITCHEN EQUIPMENT.
D7H	REMOVE PRIVACY CURTAIN SYSTEM
D7K	REMOVE MECHANICAL LOUVER


A.V.
LIBRARY
STAGE
STORAGE
HEALTH ROOM
STORAGE
ADMIN
CONFERENCE / PRINCIPAL
SEMINAR
MEN
JANITOR
WOMEN
JANITOR
KINDERGARTEN
MUSIC
MUSIC
STORAGE
STORAGE
KITCHEN
KITCHEN
MAINTENANCE AND ELECTRICAL
ELECTRIC SERVICE
STORAGE
RAMP 1
RAMP 2
RAMP 4
RAMP 5
STAIR 1
UP
1 / AD101.1
6' - 0"
31' - 4"
6' - 0"
12' - 0"
3' - 4"
5' - 4"
9'-6" (H) OPENING
7'-0" (H) OPENING
10' - 8"
1' - 0"
6' - 6"
7'-6" (H) OPENING
4' - 4"
8' - 8"
8'-8" (H) OPENING
3' - 4"8"
1' - 4"
8' - 0"
18' - 0"
13' - 2"
65°
4' - 5"
6' - 4"
8"
2' - 0"
3' - 4"
1' - 4"
8' - 10"
3' - 4"
7' - 0"
3' - 4"
3' - 4"
3' - 4"
3' - 4"
7' - 4"
7' - 4"
6' - 4"
8' - 8"
5' - 0"
5' - 0"
5' - 0



1 COMPOSITE SECOND FLOOR DEMOLITION PLAN
AD102 SCALE: 1/16" = 1'-0"

DEMOLITION DEFINITIONS

REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED.

REMOVE AND SALVAGE: CAREFULLY DETACH FROM EXISTING CONSTRUCTION, IN A MANNER TO PREVENT DAMAGE, AND DELIVER TO OWNER.

REMOVE AND REINSTALL: DETACH ITEMS FROM EXISTING CONSTRUCTION, PREPARE FOR REUSE, AND REINSTALL WHERE INDICATED.

EXISTING TO REMAIN: EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT TO BE PERMANENTLY REMOVED AND THAT ARE NOT OTHERWISE INDICATED TO BE REMOVED, REMOVED AND SALVAGED, OR REMOVED AND REINSTALLED.

FLOOR SYSTEM - THE CONCRETE SLAB, SETTING BEDS, SUBFLOOR, FINISH FLOOR MATERIALS AND ANY FINISH ATTACHED ABOVE OR CEILING SYSTEM OR ATTACHMENT SUSPENDED BELOW. THE FLOOR SYSTEM DOES NOT INCLUDE ANY STRUCTURAL STEEL MEMBERS UNLESS NOTED OTHERWISE.

STAIR SYSTEM - ALL CONSTRUCTION RELATED TO A STAIR SYSTEM INCLUDING TREADS, RISERS, STRINGERS, SUPPORT FRAMING, FINISHES, BLOCKING, HANDRAILS, GUARD RAILS, BRACKETS, NOSINGS, PANS, AND CONCRETE.

WALL PARTITION SYSTEM - ALL WALL CONSTRUCTION FROM FLOOR SLAB, INCLUDING ALL ASSOCIATED STEEL, DOOR AND WINDOW SYSTEMS, BLOCKING, CORNICES, TRIM, BASE, FINISHES, TRACKS AND ALL RELATED ATTACHMENTS AND COMPONENTS. REFERENCE MEP DRAWINGS FOR ADDITIONAL REQUIREMENTS. DOES NOT INCLUDE BUILDING STRUCTURE UNLESS NOTED OTHERWISE (UNO).

DOOR SYSTEM - ALL CONSTRUCTION RELATED TO A DOOR OPENING, INCLUDING DOOR, FRAME, TRIM, THRESHOLD, STOPS, CLOSURES, TRANSOMS, SIDELIGHTS AND ALL RELATED ATTACHMENTS AND ANCHORS, ECT., TO PROVIDE A CLEAR ROUGH OR MASONRY OPENING. THE DOOR SYSTEM DOES NOT INCLUDE STRUCTURAL LINTELS UNLESS NOTED OTHERWISE.

WINDOW SYSTEMS - ALL CONSTRUCTION RELATED TO A WINDOW OPENING, INCLUDING SASH, FRAME, TRIM, SILL, WEIGHTS, LOCKS, BLINDS, AND ALL RELATED ATTACHMENTS AND COMPONENTS TO PROVIDE A CLEAR ROUGH OR MASONRY OPENING. THE WINDOW SYSTEM DOES NOT INCLUDE STRUCTURAL LINTELS OR EXTERIOR SILLS UNLESS NOTED OTHERWISE.

CEILING SYSTEM - ALL SUSPENDED CONSTRUCTION OR CEILING CONSTRUCTION SUPPORTED BY A WALL SYSTEM BEING REMOVED INCLUDING ALL RELATED ATTACHMENTS AND COMPONENTS (INCLUDING BUT NOT LIMITED TO LIGHTS, SPEAKERS, EXIT SIGNS. DIFFUSERS/REGISTERS, ECT.) UP TO THE UNDERSIDE OF THE BUILDING SLAB OR SUPPORTING STRUCTURE. REFERENCE MEP DRAWINGS FOR ADDITIONAL REQUIREMENTS.

FLOOR FINISH SYSTEM - ALL FLOOR FINISHES, INCLUDING BASE PADDING, FILLER STRIPS, THRESHOLDS, TRANSITION STRIPS, AND SPOT LEVELING UNDERLAYMENT, (UNO) TO TOP OF SUBFLOOR CONSTRUCTION. REMOVE MASTICS ONLY AS REQUIRED TO PREP FLOOR FOR NEW FINISH, UNO

CASEWORK SYSTEM - INCLUDING SHELVING, COUNTERS, CABINETRY, SINKS, ECT., AND ALL RELATED HARDWARE AND ATTACHMENTS REMOVED TO THE FINISHED WALL AND FLOOR.

DEMOLITION GENERAL NOTES

1. DEMOLITION PLAN DRAWINGS WERE CREATED FROM EXISTING CONDITIONS SURVEYS AND ARE INTENDED TO SHOW THE GENERAL CONDITIONS WHICH ARE EXPECTED TO OCCUR. EXISTING BUILDING INFORMATION WAS OBTAINED FROM DRAWINGS OF ORIGINAL DRAWINGS DATED 9/17/74 PREPARED BY TOBIESSEN - WENGER AND ASSOCIATES ARCHITECTS. VERIFY ALL CONDITIONS BEFORE PROCEEDING WITH THE DEMOLITION WORK IN ANY AREA. EXISTING INFORMATION IS FOR REFERENCE ONLY. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. WHERE DISCREPANCIES INVOLVE STRUCTURAL ITEMS, REPORT DIFFERENCES TO THE ARCHITECT AND SECURE INSTRUCTIONS BEFORE PROCEEDING IN THE AFFECTED AREA.
2. A REVIEW OF DEMOLITION SCOPE WITH OWNER IS TO OCCUR PRIOR TO PROCEEDING WITH ANY DEMOLITION WORK. CONTRACTOR SHALL COORDINATE THE SALVAGE OF EXISTING ITEMS WITH THE OWNER. SEE NOTES FOR THE DIVISION OF WORK. EXACT LOCATIONS AND SIZES SHOWN ON PLAN MAY DIFFER FROM ACTUAL CONDITIONS. ITEMS NOTED REMOVE AND SALVAGE OR REMOVE AND REINSTALL SHALL BE STORED AND PROTECTED BY THE GENERAL CONTRACTOR.
3. BEFORE STARTING WORK, MAKE A THOROUGH EXAMINATION OF THOSE PORTIONS OF THE STRUCTURE IN WHICH THE WORK IS TO BE PERFORMED. CHECK ALL THE WORK ADJOINING OR AT UNDERLYING LOCATIONS. REPORT TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT OR PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK. DO NOT START THE WORK UNTIL SUCH CONDITIONS HAVE BEEN EXAMINED AND A COURSE OF ACTION MUTUALLY AGREED UPON.
4. ALL WORK BY GENERAL CONTRACTOR UNLESS NOTED OTHERWISE. REFER TO MECHANICAL DRAWINGS, ELECTRICAL DRAWINGS AND PLUMBING DRAWINGS FOR RESPECTIVE DEMOLITION SCOPE OF WORK, NOTES, AND INFORMATION. PRIME CONTRACTORS SHALL PERFORM ALL NECESSARY DEMOLITION AS REQUIRED FOR INSTALLATION OF NEW WORK AS SHOWN IN THE CONTRACT DOCUMENTS. ALL DEMOLITION NOT SPECIFICALLY SHOWN BUT NECESSARY TO COMPLETE THE PROJECT AS SHOWN SHALL BE THE RESPONSIBILITY OF THE PRIME CONTRACTOR RESPONSIBLE.
5. PRIOR TO THE START OF DEMOLITION, THE PRIME CONTRACTORS SHALL CALL TO THE ATTENTION OF THE OWNER: ANY DAMAGE, CRACKS OR OTHER IMPERFECTIONS IN THE WORK ADJACENT TO DEMOLITION AREAS.
6. PRIME CONTRACTORS SHALL INSPECT AND ASSESS EACH SPACE AND FULFILL THE INTENT OF THE WORK REQUIRED BY THE CONTRACT DOCUMENTS. DEVIATIONS REQUIRED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING.
7. THE GENERAL CONTRACTOR SHALL INSPECT AND ASSESS EACH SPACE AND FULFILL THE INTENT OF THE WORK REQUIRED BY THE CONTRACT DOCUMENTS. THE PRIME CONTRACTORS SHALL
8. THE GENERAL CONTRACTOR SHALL REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION WORK. THE PRIME CONTRACTORS SHALL REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES CAUSED BY THEIR DEMOLITION WORK.
9. ANY CUTTING AND REMOVAL INDICATED ON THE DRAWINGS ARE GENERAL INDICATIONS ONLY AND DO NOT NECESSARILY SHOW THE FULL EXTENT OF CUTTING AND REMOVAL WHICH MAY BE REQUIRED BY JOB CONDITIONS.
10. CONSTRUCTION AND EXISTING FINISHES SHALL REMAIN UNLESS NOTED OTHERWISE. DURING DEMOLITION WORK, PROPERLY PROTECT ALL EXISTING WORK SHOWN TO REMAIN. EXERCISE CARE WHEN REMOVING ADJACENT WORK. PROPERLY REPAIR TO THE ORIGINAL CONDITIONS. ANY DAMAGE TO ITEMS SHOWN TO REMAIN, CAUSED BY DEMOLITION PROCEDURES, TO THE SATISFACTION OF, AND AT NO ADDITIONAL COST, TO THE OWNER. PATCH SURFACE FINISHES BEHIND DEMOLITION WORK (I.E. FLOORS. WALLS. CEILINGS, ETC.) TO MATCH SURROUNDING CONDITIONS.
11. BEFORE STARTING DEMOLITION OPERATIONS, THE GENERAL CONTRACTOR SHALL PROVIDE THE NECESSARY PROTECTIVE BARRIERS AROUND TRAFFIC AREAS NEAR INTERIOR WORK AS REQUIRED AND IN STRICT ACCORDANCE WITH OSHA RULES AND REGULATIONS. PROTECT ALL EXISTING EQUIPMENT NOT DESIGNATED TO BE REMOVED. PERFORM ALL WORK REQUIRED TO PROTECT WORKERS, STUDENTS, SCHOOL STAFF, THE GENERAL PUBLIC FROM INJURY OR SICKNESS DUE TO DEMOLITION WORK.
12. THE GENERAL CONTRACTOR SHALL PROTECT ALL ITEMS TO REMAIN.
13. GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED TO: MAINTAIN THE INTEGRITY AND STRUCTURAL STABILITY OF EXISTING WALLS TO REMAIN. SECURE EXISTING WALLS DURING CUTTING OF NEW OPENINGS, AND SECURE EXISTING STRUCTURE TO REMAIN. VERIFY ALL BEARING WALLS IN FIELD.
14. EXCEPT WHERE NOTED OTHERWISE, REMOVE ALL DEMOLISHED MATERIALS FROM THE SITE. DO NOT BURN OR BURY MATERIALS ON THE SITE. AT THE COMPLETION OF WORK FOR EACH DAY, CLEAN THE ENTIRE AREA INVOLVED AND LEAVE IT IN A NEAT CONDITION, FREE OF DEBRIS AND RUBBISH. KEEP ALL ADJOINING PUBLIC AREAS CLEAN AND FREE OF DEBRIS OR CONSTRUCTION MATERIALS DURING WORKING HOURS. AND MAKE AN EFFORT TO PROVIDE SAFE CONDITIONS FOR THE GENERAL PUBLIC AND WORKMEN. REFERENCE DIVISION 01 SPECIFICATION SECTION "CONSTRUCTION WASTE MANAGEMENT" FOR CONTRACTORS RESPONSIBILITY FOR WASTE REMOVAL / DISPOSAL.
15. WHERE EXISTING FINISHES ARE TO REMAIN, THE GENERAL CONTRACTOR SHALL PATCH DISTURBED OR DEMOLISHED AREAS WITH FINISHES IN LIKE KIND AND COLOR TO THOSE REMOVED (UNLESS OTHERWISE NOTED). ATTEMPTS SHOULD BE MADE TO MATCH EXISTING COLORS AND TYPES WHEN MATERIAL IS STILL READILY AVAILABLE. IN THE EVENT MATERIALS ARE DISCONTINUED OR COST PROHIBITIVE TO MATCH, THE CONTRACTOR SHALL INFORM THE ARCHITECT FOR FINISHING INSTRUCTIONS.
16. THE OWNER WILL REMOVE ALL EXISTING ITEMS THAT THE OWNER WISHES TO SALVAGE PRIOR TO START OF DEMOLITION. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL REMAINING ITEMS.
17. ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, LAND DEVELOPMENT DRAWINGS, AND PROJECT SPECIFICATIONS MAY PROVIDE ADDITIONAL DEMOLITION REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BEING FAMILIAR WITH THESE DRAWINGS AND PROJECT SPECIFICATIONS AND ANY REQUIREMENTS PROVIDED BY THEM.
18. PRIOR TO THE DEMOLITION OF THOSE ITEMS WHICH HAVE UTILITY CONNECTIONS (WATER, GAS, ELECTRICITY, STEAM, ETC.) THE CONTRACTOR SHALL ARRANGE WITH THE OWNER TO LOCATE SHUTOFF VALVES, PANEL BOXES AND OTHER CONTROL ELEMENTS, SO THAT WATER DAMAGE AND OTHER POTENTIALLY INCONVENIENT OR DANGEROUS SITUATIONS ARE AVOIDED.
19. REFERENCE PARTIAL DEMOLITION PLANS FOR SPECIFIC DEMOLITION REQUIREMENTS.
20. REFERENCE DIVISION 01 SPECIFICATION SECTIONS FOR SELECTIVE DEMOLITION, CUTTING, AND PATCHING. TEMPORARY FACILITIES AND CONTROLS, SITE AND BUILDING DEMOLITION, CONSTRUCTION WASTE MANAGEMENT, AND RELATED SECTIONS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING DEMOLITION REQUIREMENTS WITH PROJECT PHASING. NOTIFY ARCHITECT PRIOR TO START OF WORK WITH ANY CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT OR PREVENT PROPER EXECUTION OF THE WORK.
22. THE OWNER PERFORMED ASBESTOS ABATEMENT UNDER A SEPARATE CONTRACT. NOTIFY THE ARCHITECT AND OWNER IMMEDIATELY OF ANY SUSPECTED ASBESTOS CONTAINING MATERIALS PRIOR TO THE START OF WORK UNLESS OTHERWISE NOTED HEREIN.

True Project

2' 8' 32'
0' 4' 16' 48'

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Lancaster, PA 17602
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Professional Seal:

Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

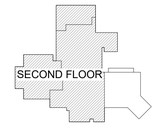
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

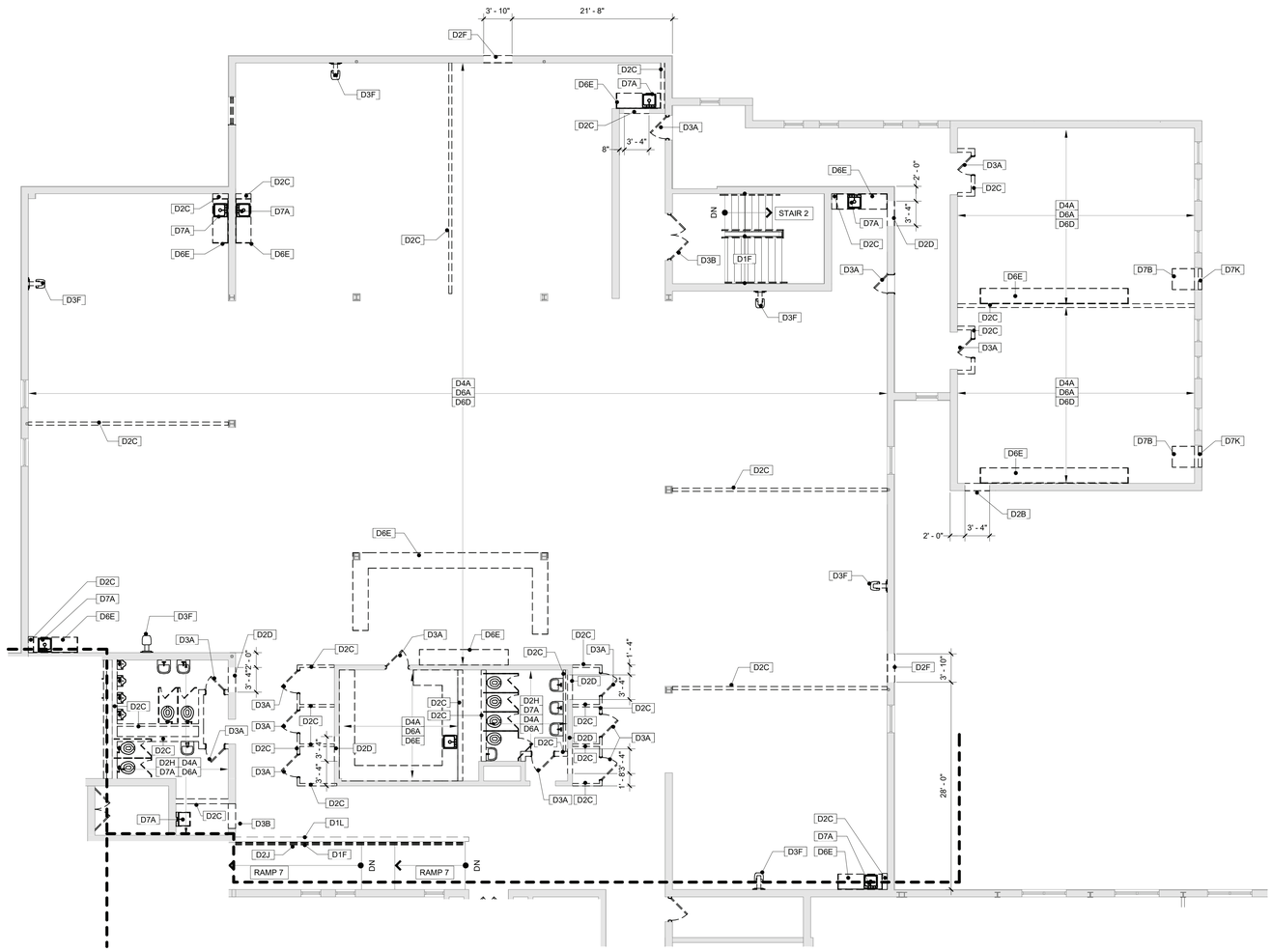


Drawing Title:
COMPOSITE SECOND FLOOR DEMOLITION PLAN

Drawing Number:
AD102

DEMOLITION KEYNOTES

#	DESCRIPTION
D1F	REMOVE GUARDRAIL SYSTEM, CUT BALUSTER POSTS FLUSH WITH TOP OF STRINGER AND GRIND SMOOTH; EXISTING STRINGER TO REMAIN. SEE NEW WORK PLANS FOR FULL EXTENT OF SCOPE.
D1L	REMOVE STEEL ANGLE AND CHANNEL RAILING GUARDRAIL COMPLETELY.
D2B	REMOVE PORTION OF EXTERIOR WALL SYSTEM TO EXTENT SHOWN
D2C	REMOVE WALL PARTITION SYSTEM COMPLETELY
D2D	REMOVE PORTION OF WALL PARTITION SYSTEM TO EXTENT SHOWN.
D2F	COORDINATE OPENING SIZE WITH NEW WORK, SEE NEW WORK DRAWING FOR ADDITIONAL INFORMATION.
D2H	REMOVE TOILET PARTITION SYSTEM COMPLETELY.
D2J	REMOVE WALL TILE AND WOOD BACKUP STRUCTURE COMPLETELY.
D3A	REMOVE DOOR SYSTEM COMPLETELY.
D3B	REMOVE DOOR, EXISTING FRAME TO REMAIN.
D3F	REMOVE AND SALVAGE SMART PROJECTOR (BY EC).
D4A	REMOVE CEILING SYSTEM, SALVAGE ACOUSTICAL CEILING TILES FOR REINSTALLATION IN NEW WORK.
D6A	REMOVE FLOOR FINISH SYSTEM COMPLETELY.
D6D	REMOVE ALL WALL MOUNTED TACK BOARDS / WHITE BOARD COMPLETELY.
D6E	REMOVE CASEWORK SYSTEM COMPLETELY.
D7A	REMOVE PLUMBING FIXTURE(S) COMPLETELY (BY PC). SEE PLUMB DEMOLITION DRAWINGS FOR FULL EXTENT OF SCOPE.
D7B	REMOVE FLOOR MOUNTED MECHANICAL UNIT (BY MC), SEE MECH DEMOLITION DRAWINGS FOR FULL EXTENT OF SCOPE.
D7K	REMOVE MECHANICAL LOUVER



1 PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA A
AD102.1 SCALE: 1/8" = 1'-0"

True Project

2' 8' 24'
0' 4' 16'

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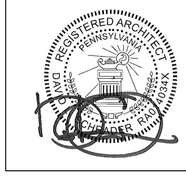

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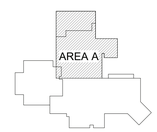
SGA PROJECT NUMBER: 23-029

Key Plan:

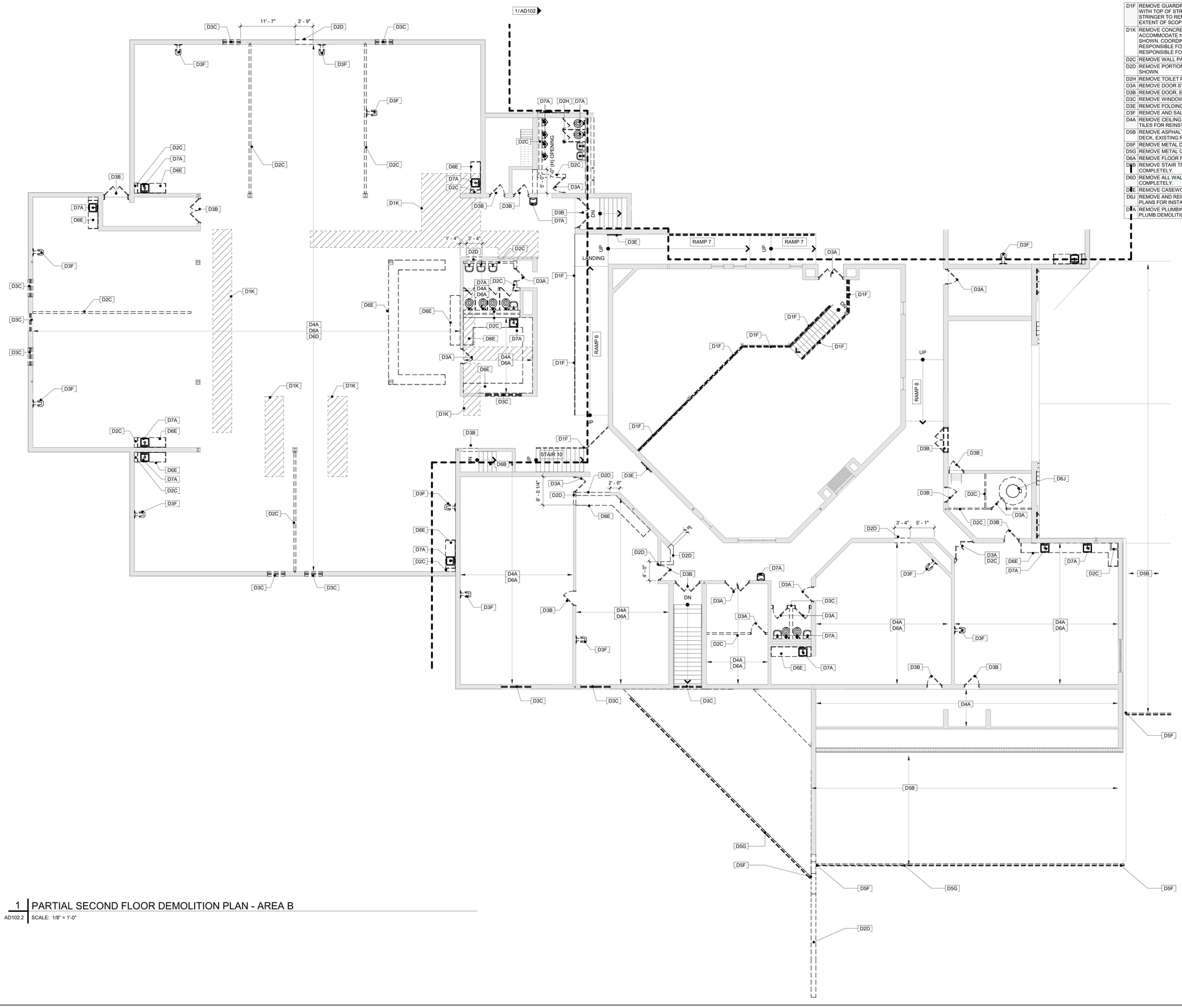


Drawing Title:

PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA A

Drawing Number:

AD102.1


1 / AD102
RAMP 6
RAMP 7
RAMP 7
RAMP 8
STAIR 10
LANDING
UP
DN
7'-0" HVH OPENING
5' - 0"
11' - 7"
3' - 9"
1' - 4"
3' - 4"
2' - 0"
6' - 0 1/4"
4' - 0"
3' - 4"
5' - 1"
D1F
D1K
D2C
D2D
D2H
D3A
D3B
D3C
D3E
D3F
D4A
D4A D6A
D4A D6A D6D
D5B
D5F
D5G
D6B
D6E
D6J
D7A
D7A D4A D6A
D7A D2C
D3A D2C
D3C D3A
D3B D7A
D3B D3B
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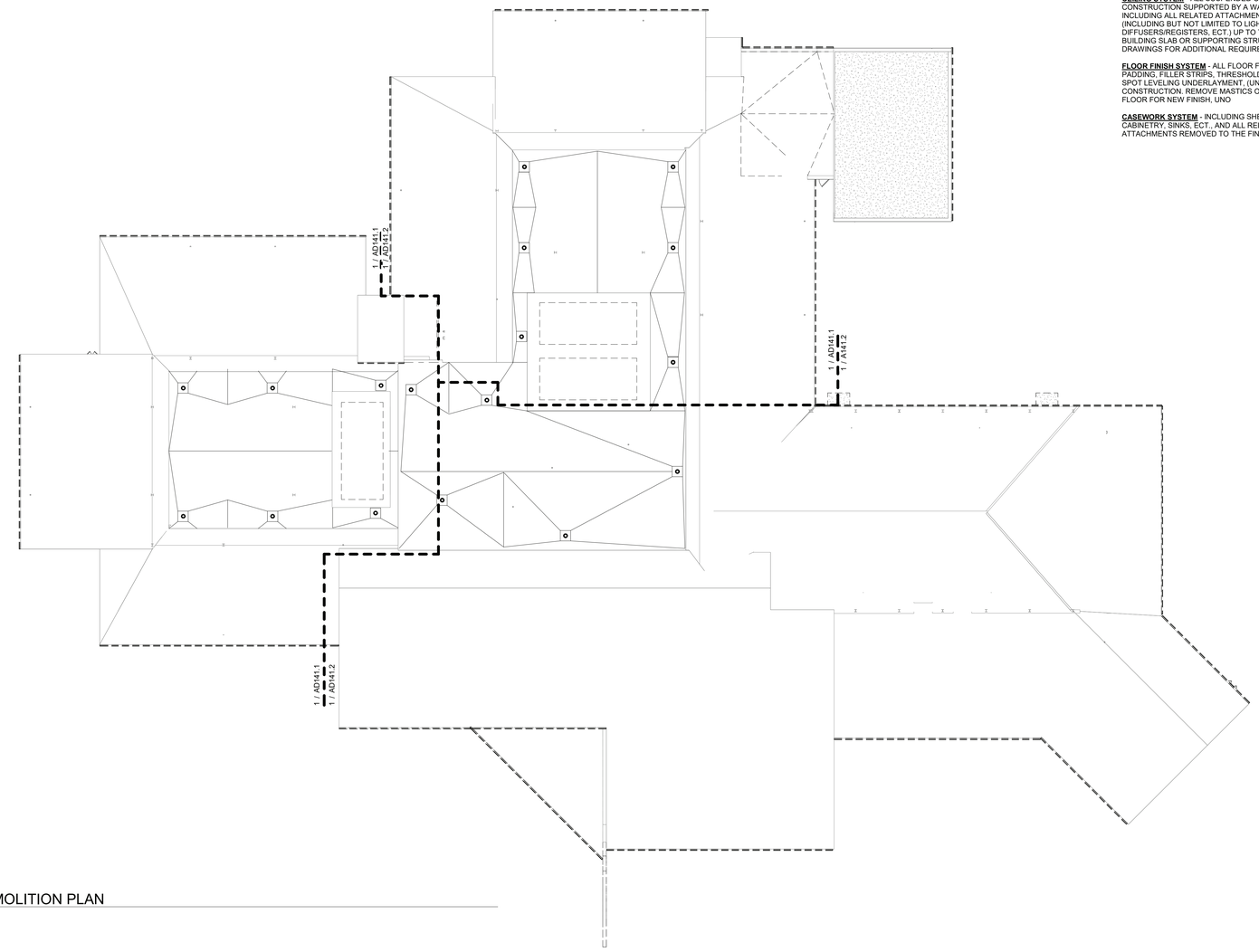
D3C



1 COMPOSITE ROOF DEMOLITION PLAN
AD141 SCALE: 1/16" = 1'-0"

DEMOLITION DEFINITIONS

REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED.

REMOVE AND SALVAGE: CAREFULLY DETACH FROM EXISTING CONSTRUCTION, IN A MANNER TO PREVENT DAMAGE, AND DELIVER TO OWNER.

REMOVE AND REINSTALL: DETACH ITEMS FROM EXISTING CONSTRUCTION, PREPARE FOR REUSE, AND REINSTALL WHERE INDICATED.

EXISTING TO REMAIN: EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT TO BE PERMANENTLY REMOVED AND THAT ARE NOT OTHERWISE INDICATED TO BE REMOVED, REMOVED AND SALVAGED, OR REMOVED AND REINSTALLED.

FLOOR SYSTEM - THE CONCRETE SLAB, SETTING BEDS, SUBFLOOR, FINISH FLOOR MATERIALS AND ANY FINISH ATTACHED ABOVE OR CEILING SYSTEM OR ATTACHMENT SUSPENDED BELOW. THE FLOOR SYSTEM DOES NOT INCLUDE ANY STRUCTURAL STEEL MEMBERS UNLESS NOTED OTHERWISE.

STAIR SYSTEM - ALL CONSTRUCTION RELATED TO A STAIR SYSTEM INCLUDING TREADS, RISERS, STRINGERS, SUPPORT FRAMING, FINISHES, BLOCKING, HANDRAILS, GUARD RAILS, BRACKETS, NOSINGS, PANS, AND CONCRETE.

WALL PARTITION SYSTEM - ALL WALL CONSTRUCTION FROM FLOOR SLAB, INCLUDING ALL ASSOCIATED STEEL, DOOR AND WINDOW SYSTEMS, BLOCKING, CORNICES, TRIM, BASE, FINISHES, TRACKS AND ALL RELATED ATTACHMENTS AND COMPONENTS. REFERENCE MEP DRAWINGS FOR ADDITIONAL REQUIREMENTS. DOES NOT INCLUDE BUILDING STRUCTURE UNLESS NOTED OTHERWISE (UNO).

DOOR SYSTEM - ALL CONSTRUCTION RELATED TO A DOOR OPENING, INCLUDING DOOR, FRAME, TRIM, THRESHOLD, STOPS, CLOSURES, TRANSOMS, SIDELIGHTS AND ALL RELATED ATTACHMENTS AND ANCHORS, ECT., TO PROVIDE A CLEAR ROUGH OR MASONRY OPENING. THE DOOR SYSTEM DOES NOT INCLUDE STRUCTURAL LINTELS UNLESS NOTED OTHERWISE.

WINDOW SYSTEMS - ALL CONSTRUCTION RELATED TO A WINDOW OPENING, INCLUDING SASH, FRAME, TRIM, SILL, WEIGHTS, LOCKS, BLINDS, AND ALL RELATED ATTACHMENTS AND COMPONENTS TO PROVIDE A CLEAR ROUGH OR MASONRY OPENING. THE WINDOW SYSTEM DOES NOT INCLUDE STRUCTURAL LINTELS OR EXTERIOR SILLS UNLESS NOTED OTHERWISE.

CEILING SYSTEM - ALL SUSPENDED CONSTRUCTION OR CEILING CONSTRUCTION SUPPORTED BY A WALL SYSTEM BEING REMOVED INCLUDING ALL RELATED ATTACHMENTS AND COMPONENTS (INCLUDING BUT NOT LIMITED TO LIGHTS, SPEAKERS, EXIT SIGNS. DIFFUSERS/REGISTERS, ECT.) UP TO THE UNDERSIDE OF THE BUILDING SLAB OR SUPPORTING STRUCTURE. REFERENCE MEP DRAWINGS FOR ADDITIONAL REQUIREMENTS.

FLOOR FINISH SYSTEM - ALL FLOOR FINISHES, INCLUDING BASE PADDING, FILLER STRIPS, THRESHOLDS, TRANSITION STRIPS, AND SPOT LEVELING UNDERLAYMENT, (UNO) TO TOP OF SUBFLOOR CONSTRUCTION. REMOVE MASTICS ONLY AS REQUIRED TO PREP FLOOR FOR NEW FINISH, UNO

CASEWORK SYSTEM - INCLUDING SHELVING, COUNTERS, CABINETRY, SINKS, ECT., AND ALL RELATED HARDWARE AND ATTACHMENTS REMOVED TO THE FINISHED WALL AND FLOOR.

DEMOLITION GENERAL NOTES

1. DEMOLITION PLAN DRAWINGS WERE CREATED FROM EXISTING CONDITIONS SURVEYS AND ARE INTENDED TO SHOW THE GENERAL CONDITIONS WHICH ARE EXPECTED TO OCCUR. EXISTING BUILDING INFORMATION WAS OBTAINED FROM DRAWINGS OF ORIGINAL DRAWINGS DATED 9/17/74 PREPARED BY TOBIESSEN - WENGER AND ASSOCIATES ARCHITECTS. VERIFY ALL CONDITIONS BEFORE PROCEEDING WITH THE DEMOLITION WORK IN ANY AREA. EXISTING INFORMATION IS FOR REFERENCE ONLY. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. WHERE DISCREPANCIES INVOLVE STRUCTURAL ITEMS, REPORT DIFFERENCES TO THE ARCHITECT AND SECURE INSTRUCTIONS BEFORE PROCEEDING IN THE AFFECTED AREA.
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11. BEFORE STARTING DEMOLITION OPERATIONS, THE GENERAL CONTRACTOR SHALL PROVIDE THE NECESSARY PROTECTIVE BARRIERS AROUND TRAFFIC AREAS NEAR INTERIOR WORK AS REQUIRED AND IN STRICT ACCORDANCE WITH OSHA RULES AND REGULATIONS. PROTECT ALL EXISTING EQUIPMENT NOT DESIGNATED TO BE REMOVED. PERFORM ALL WORK REQUIRED TO PROTECT WORKERS, STUDENTS, SCHOOL STAFF, THE GENERAL PUBLIC FROM INJURY OR SICKNESS DUE TO DEMOLITION WORK.
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13. GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED TO: MAINTAIN THE INTEGRITY AND STRUCTURAL STABILITY OF EXISTING WALLS TO REMAIN, SECURE EXISTING WALLS DURING CUTTING OF NEW OPENINGS, AND SECURE EXISTING STRUCTURE TO REMAIN. VERIFY ALL BEARING WALLS IN FIELD.
14. EXCEPT WHERE NOTED OTHERWISE, REMOVE ALL DEMOLISHED MATERIALS FROM THE SITE. DO NOT BURN OR BURY MATERIALS ON THE SITE. AT THE COMPLETION OF WORK FOR EACH DAY, CLEAN THE ENTIRE AREA INVOLVED AND LEAVE IT IN A NEAT CONDITION, FREE OF DEBRIS AND RUBBISH. KEEP ALL ADJOINING PUBLIC AREAS CLEAN AND FREE OF DEBRIS OR CONSTRUCTION MATERIALS DURING WORKING HOURS. AND MAKE AN EFFORT TO PROVIDE SAFE CONDITIONS FOR THE GENERAL PUBLIC AND WORKMEN. REFERENCE DIVISION 01 SPECIFICATION SECTION "CONSTRUCTION WASTE MANAGEMENT" FOR CONTRACTORS RESPONSIBILITY FOR WASTE REMOVAL / DISPOSAL.
15. WHERE EXISTING FINISHES ARE TO REMAIN, THE GENERAL CONTRACTOR SHALL PATCH DISTURBED OR DEMOLISHED AREAS WITH FINISHES IN LIKE KIND AND COLOR TO THOSE REMOVED (UNLESS OTHERWISE NOTED). ATTEMPTS SHOULD BE MADE TO MATCH EXISTING COLORS AND TYPES WHEN MATERIAL IS STILL READILY AVAILABLE. IN THE EVENT MATERIALS ARE DISCONTINUED OR COST PROHIBITIVE TO MATCH, THE CONTRACTOR SHALL INFORM THE ARCHITECT FOR FINISHING INSTRUCTIONS.
16. THE OWNER WILL REMOVE ALL EXISTING ITEMS THAT THE OWNER WISHES TO SALVAGE PRIOR TO START OF DEMOLITION. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL REMAINING ITEMS.
17. ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, LAND DEVELOPMENT DRAWINGS, AND PROJECT SPECIFICATIONS MAY PROVIDE ADDITIONAL DEMOLITION REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BEING FAMILIAR WITH THESE DRAWINGS AND PROJECT SPECIFICATIONS AND ANY REQUIREMENTS PROVIDED BY THEM.
18. PRIOR TO THE DEMOLITION OF THOSE ITEMS WHICH HAVE UTILITY CONNECTIONS (WATER, GAS, ELECTRICITY, STEAM, ETC.) THE CONTRACTOR SHALL ARRANGE WITH THE OWNER TO LOCATE SHUTOFF VALVES, PANEL BOXES AND OTHER CONTROL ELEMENTS, SO THAT WATER DAMAGE AND OTHER POTENTIALLY INCONVENIENT OR DANGEROUS SITUATIONS ARE AVOIDED.
19. REFERENCE PARTIAL DEMOLITION PLANS FOR SPECIFIC DEMOLITION REQUIREMENTS.
20. REFERENCE DIVISION 01 SPECIFICATION SECTIONS FOR SELECTIVE DEMOLITION, CUTTING, AND PATCHING, TEMPORARY FACILITIES AND CONTROLS, SITE AND BUILDING DEMOLITION, CONSTRUCTION WASTE MANAGEMENT, AND RELATED SECTIONS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING DEMOLITION REQUIREMENTS WITH PROJECT PHASING. NOTIFY ARCHITECT PRIOR TO START OF WORK WITH ANY CONDITIONS WHICH MAY INTERFERE WITH OR OTHERWISE AFFECT OR PREVENT PROPER EXECUTION OF THE WORK.
22. THE OWNER PERFORMED ASBESTOS ABATEMENT UNDER A SEPARATE CONTRACT. NOTIFY THE ARCHITECT AND OWNER IMMEDIATELY OF ANY SUSPECTED ASBESTOS CONTAINING MATERIALS PRIOR TO THE START OF WORK UNLESS OTHERWISE NOTED HEREIN.

True Project

2" 8" 32"
0' 4' 16' 48'

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MEP:
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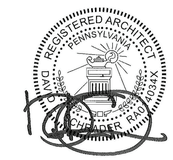
1005 West Lehigh Street
Bethlehem, PA 18018
(610) 694-8020

Structural Engineer
SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
(717) 299-8965

Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

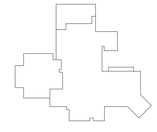
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

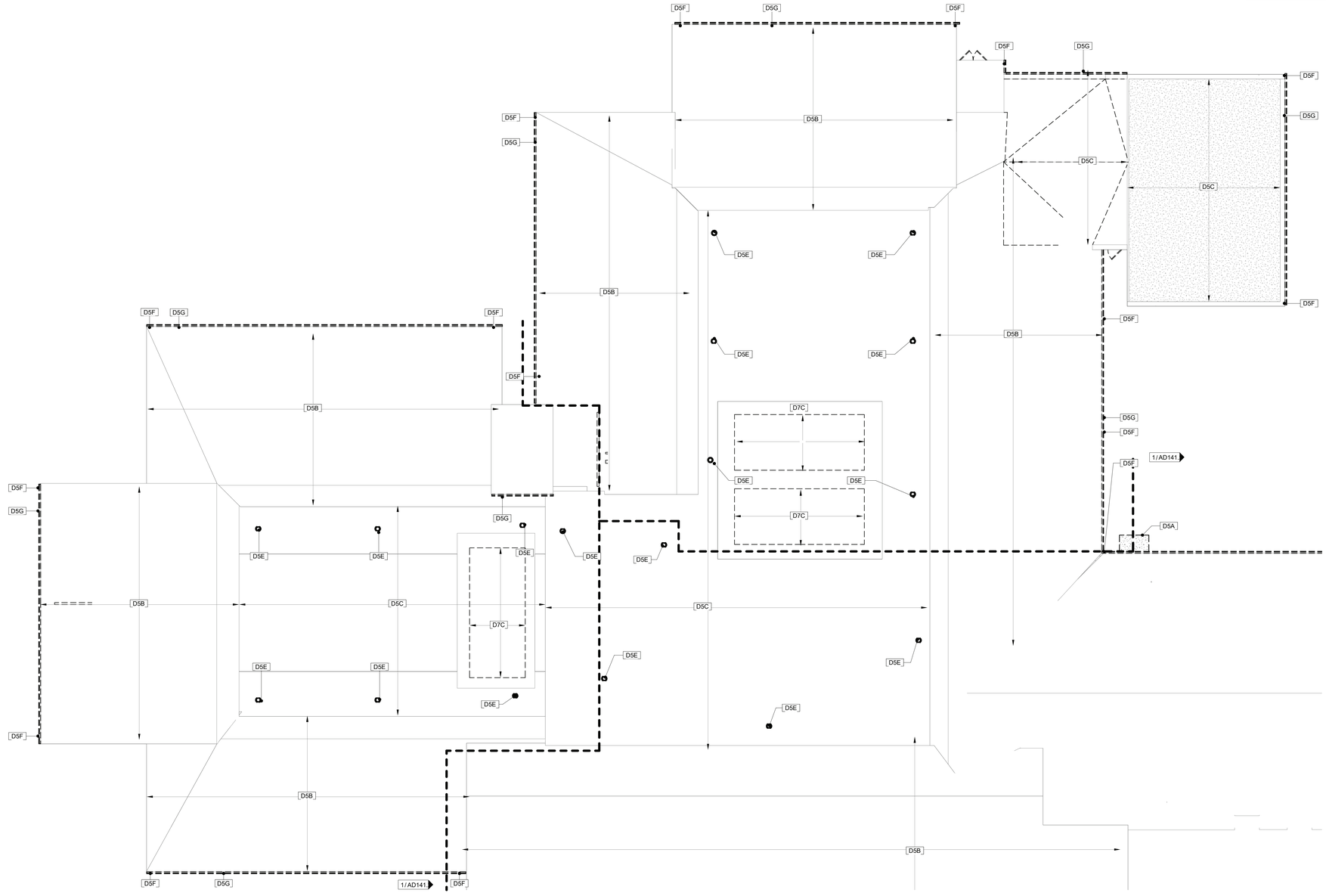


Drawing Title:
COMPOSITE ROOF DEMOLITION PLAN

Drawing Number:
AD141

DEMOLITION KEYNOTES

#	DESCRIPTION
D5A	REMOVE ROOF SYSTEM AND ASSOCIATED STEEL STRUCTURAL BEAM SYSTEM COMPLETELY.
D5B	REMOVE ASPHALT SHINGLED ROOF SYSTEM DOWN TO ROOF DECK, EXISTING ROOF DECK SYSTEM TO REMAIN.
D5C	REMOVE MEMBRANE ROOF SYSTEM DOWN TO ROOF DECK, EXISTING ROOF DECK SYSTEM TO REMAIN.
D5E	REMOVE ROOF DRAIN AND ASSOCIATED PIPING, SEE MEP DEMOLITION DRAWINGS FOR FULL EXTENT OF SCOPE.
D5F	REMOVE METAL DOWNSPOUT COMPLETELY.
D5G	REMOVE METAL GUTTER SYSTEM COMPLETELY.
D7C	REMOVE ROOF TOP MECHANICAL UNIT (BY MC). SEE MECH DEMOLITION DRAWINGS FOR FULL EXTENT OF SCOPE.



1 PARTIAL ROOF PLAN - AREA A
AD141.1 SCALE: 1" = 10'-0"

True Project

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Structural Engineer
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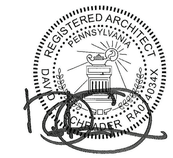
Professional Seal:



Owner:
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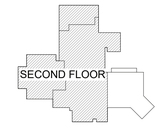
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

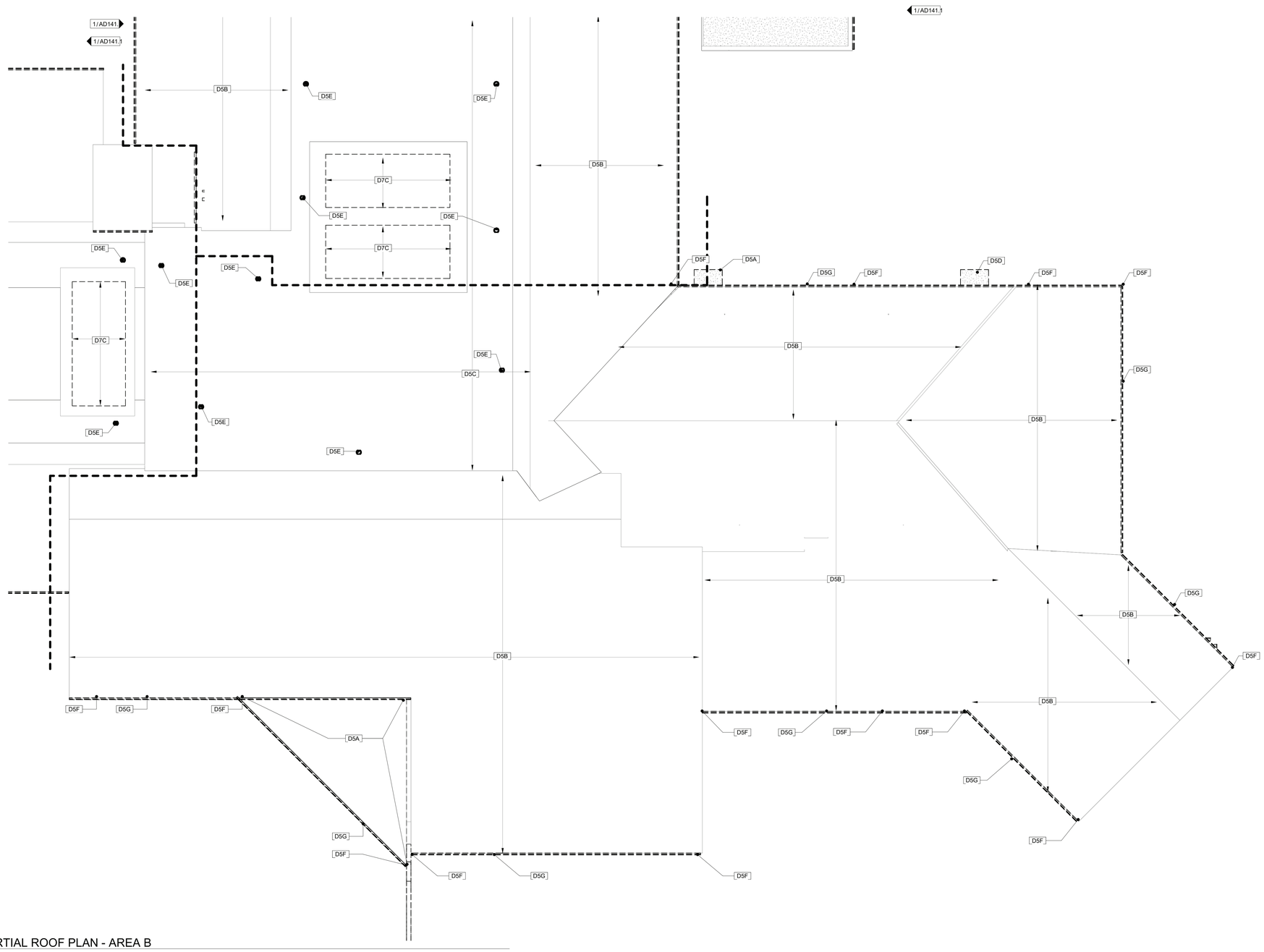


Drawing Title:
PARTIAL ROOF DEMO PLAN - AREA A

Drawing Number:
AD141.1

DEMOLITION KEYNOTES

#	DESCRIPTION
D5A	REMOVE ROOF SYSTEM AND ASSOCIATED STEEL STRUCTURAL BEAM SYSTEM COMPLETELY.
D5B	REMOVE ASPHALT SHINGLED ROOF SYSTEM DOWN TO ROOF DECK, EXISTING ROOF DECK SYSTEM TO REMAIN.
D5C	REMOVE MEMBRANE ROOF SYSTEM DOWN TO ROOF DECK, EXISTING ROOF DECK SYSTEM TO REMAIN.
D5D	REMOVE CONCRETE CANOPY COMPLETELY.
D5E	REMOVE ROOF DRAIN AND ASSOCIATED PIPING, SEE MEP DEMOLITION DRAWINGS FOR FULL EXTENT OF SCOPE.
D5F	REMOVE METAL DOWNSPOUT COMPLETELY.
D5G	REMOVE METAL GUTTER SYSTEM COMPLETELY
D7C	REMOVE ROOF TOP MECHANICAL UNIT (BY MC), SEE MECH DEMOLITION DRAWINGS FOR FULL EXTENT OF SCOPE.



1 PARTIAL ROOF PLAN - AREA B
AD141.2 SCALE: 1" = 10'-0"

True Project

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
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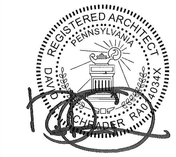
Professional Seal:



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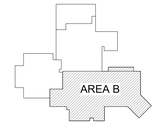
DATE: 12/03/2024

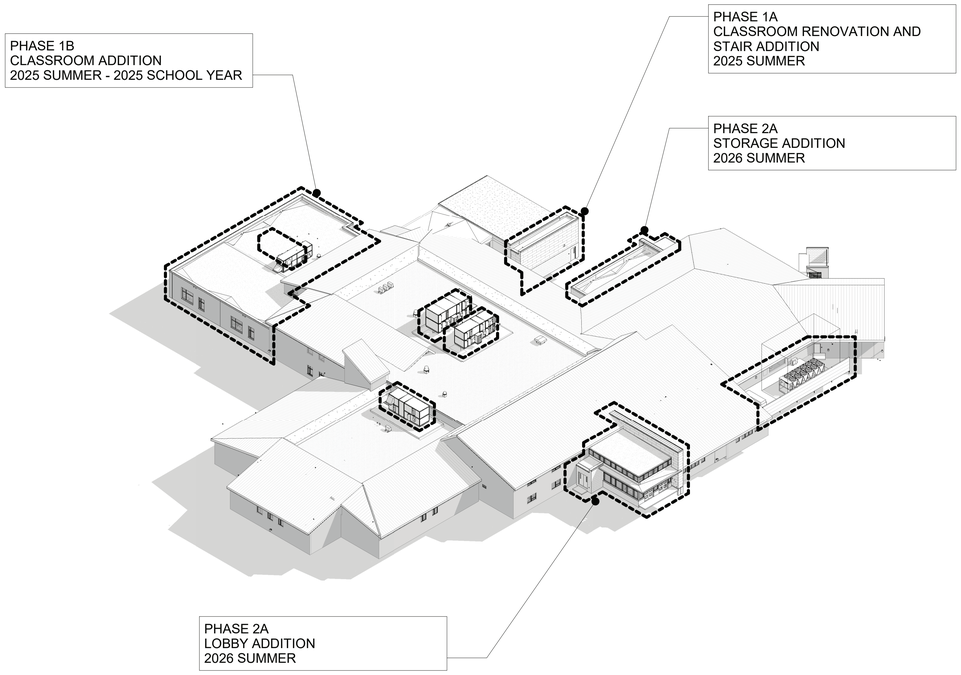
SGA PROJECT NUMBER: 23-029

Key Plan:

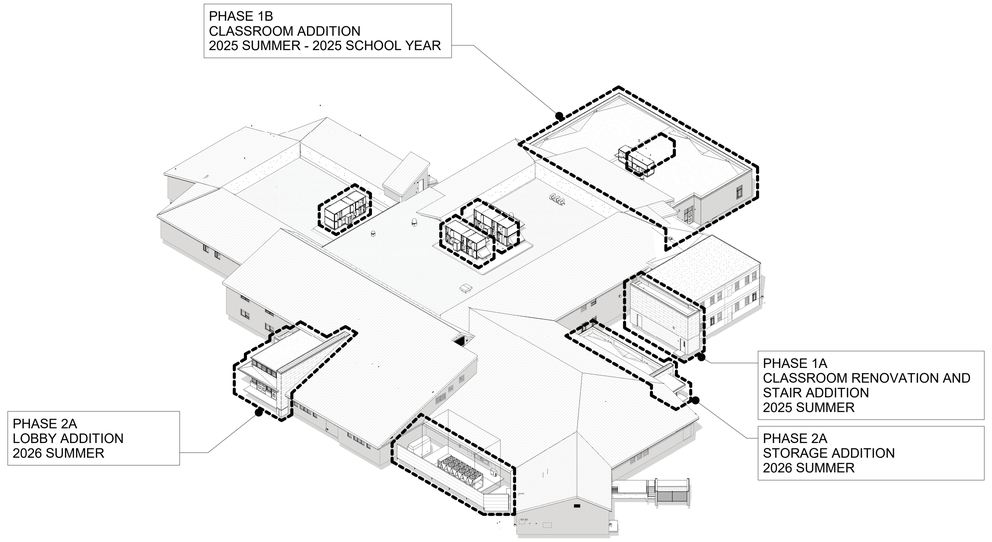


Drawing Title:
PARTIAL ROOF DEMO PLAN - AREA B

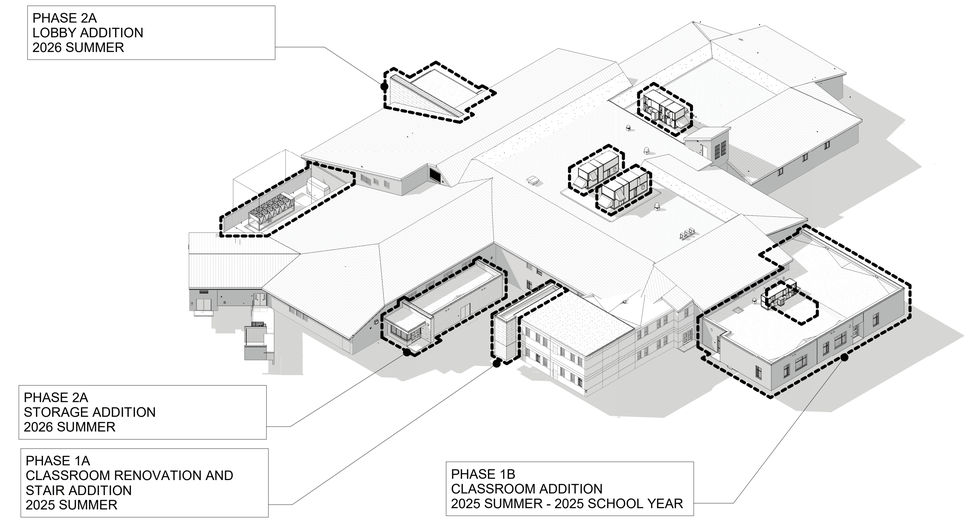
Drawing Number:
AD141.2



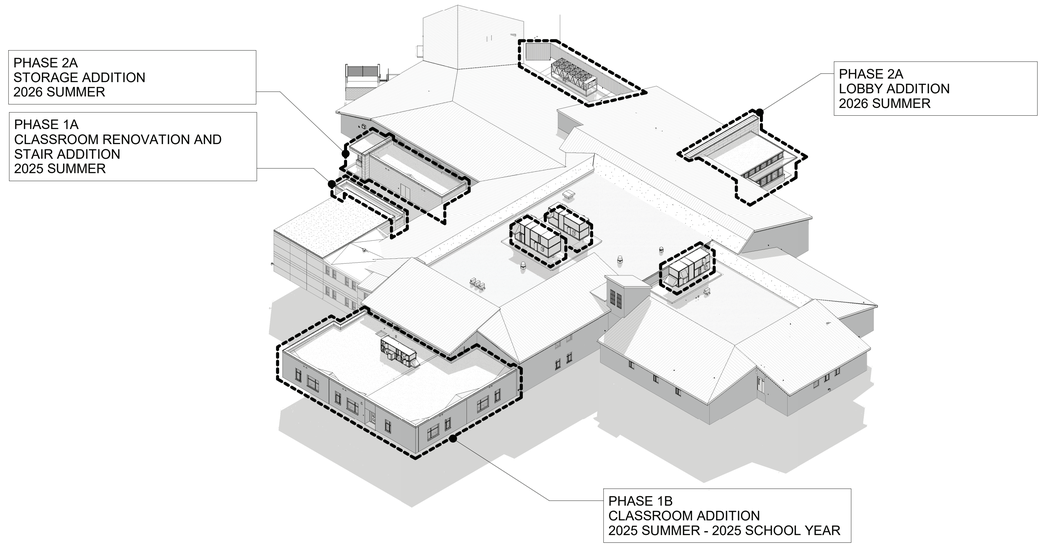
2 AXONOMETRIC VIEW NORTH
A100 SCALE:



4 AXONOMETRIC VIEW EAST
A100 SCALE:



1 AXONOMETRIC VIEW SOUTH
A100 SCALE:



3 AXONOMETRIC VIEW WEST
A100 SCALE:

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
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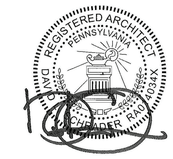

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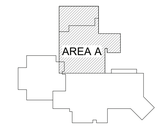
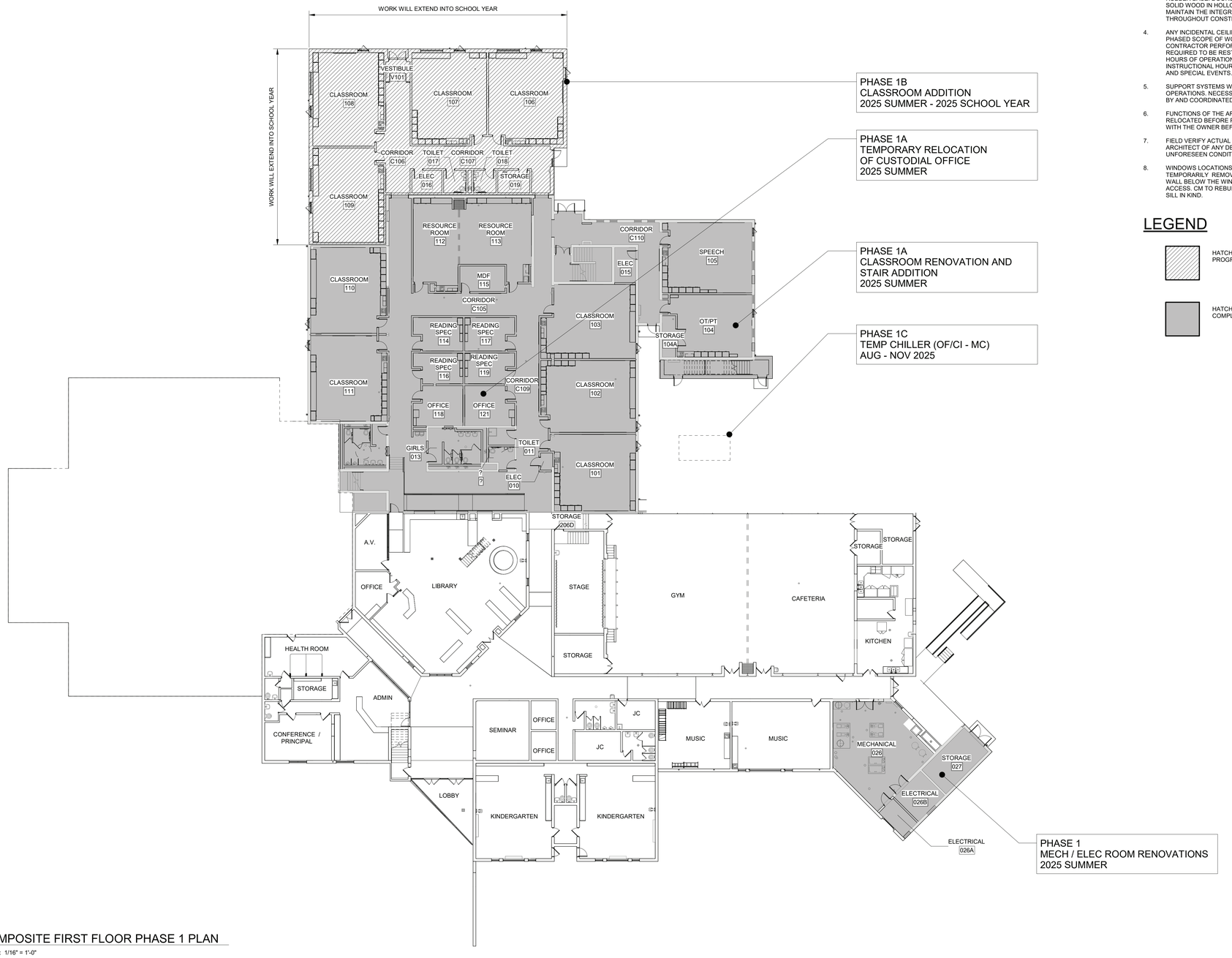


Drawing Title:
AXONOMETRICS

Drawing Number:
A100

PRE-PHASE 1 PREP
INCIDENTAL WORK RELATED TO THE PREPARATION OF PHASE 1 MAY BEGIN IN APRIL 2025 BUT MUST NOT BE CONDUCTED DURING HOURS OF OPERATION, WHICH INCLUDE REGULAR INSTRUCTIONAL HOURS, BEFORE/AFTER-SCHOOL PROGRAMS, AND SPECIAL EVENTS. ALL AREAS AFFECTED BY THE WORK MUST BE CLEANED AND FULLY RESTORED TO THEIR ORIGINAL CONDITION BEFORE THE NEXT OPERATIONAL DAY BEGINS. IF EXISTING CEILING TILES AND/OR GRID ARE REMOVED AS PART OF THE INCIDENTAL WORK THEY MUST BE RE-INSTALLED BEFORE THE BEGINNING OF THE OPERATIONAL DAY. REMOVAL AND REINSTALLATION OF THE CEILINGS ARE THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING THE WORK.



1 | A100.11 COMPOSITE FIRST FLOOR PHASE 1 PLAN
SCALE: 1/16" = 1'-0"

GENERAL PHASING NOTES

1. PROJECT WILL BE CONSTRUCTED IN PHASES AS SHOWN ON PHASING PLANS.
   - PHASE 1A: (SUMMER 2025), START OF CONSTRUCTION JUNE 20 – END OF CONSTRUCTION AUGUST 15.
   - PHASE 1B: JUNE 20, 2025 – END OF CONSTRUCTION JUNE 19, 2026.
   - PHASE 2A: (SUMMER 2026), START OF CONSTRUCTION JUNE 22 – END OF CONSTRUCTION AUGUST 15.
   - PHASE 2B: JUNE 22, 2026 – END OF CONSTRUCTION JUNE 18, 2027.
   - PHASE 3: (SUMMER 2027), START OF CONSTRUCTION JUNE 21 – END OF CONSTRUCTION AUGUST 15.
   - SUBSTANTIAL COMPLETION: AUGUST 15, 2027.
2. THE OPERATION OF THE FACILITY OUTSIDE THE PHASED SCOPE OF WORK AREA MAY CONTINUE WHILE THE CONSTRUCTION OF THE DIFFERENT PHASES OCCURS. A PROTECTIVE AND SEALED ENVELOPE BETWEEN ACTIVE WORK AREAS DURING EACH PHASE IS TO BE PROVIDED BY CONTRACTOR AND A CLEAN AND UNOBSTRUCTED PATH TO THE AREA OF WORK IS TO BE MAINTAINED AT ALL TIMES.
3. TEMPORARY PARTITIONS (TEMP PARTITION) BE CONSTRUCTED TO PROVIDE THE OWNER WITH A FINISHED, DURABLE SURFACE ON THE OCCUPIED (SCHOOL) SIDE. COMPLETE WITH PAINT AND RUBBER BASE. DOORS IN THE TEMPORARY PARTITIONS SHALL BE SOLID WOOD IN HOLLOW METAL FRAMES. THE PARTITIONS MUST MAINTAIN THE INTEGRITY OF THE ACTIVE SCHOOL ENVIRONMENT THROUGHOUT CONSTRUCTION.
4. ANY INCIDENTAL CEILING REMOVAL OUTSIDE OF THE DESIGNATED PHASED SCOPE OF WORK AREA MUST BE RESTORED BY THE CONTRACTOR PERFORMING THE WORK. ALL CEILINGS ARE REQUIRED TO BE RESTORED AND REMAIN IN PLACE DURING HOURS OF OPERATION, WHICH INCLUDE REGULAR INSTRUCTIONAL HOURS, BEFORE / AFTER-SCHOOL PROGRAMS AND SPECIAL EVENTS.
5. SUPPORT SYSTEMS WILL BE MAINTAINED AT ALL HOURS OF OPERATIONS. NECESSARY INTERRUPTIONS MUST BE AUTHORIZED BY AND COORDINATED WITH OWNER.
6. FUNCTIONS OF THE AREA SHOWN FOR RENOVATION WILL BE RELOCATED BEFORE PHASE OF WORK BEGINS. COORDINATE WITH THE OWNER BEFORE THE START OF EACH PHASE.
7. FIELD VERIFY ACTUAL CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT OF ANY DEVIATIONS FROM DRAWINGS OR ANY UNFORESEEN CONDITIONS THAT MAY CONFLICT WITH NEW WORK.
8. WINDOWS LOCATIONS NOTED **(CA)** ARE ENLARGE BY TEMPORARILY REMOVING THE LOWER PORTION OF EXTERIOR WALL BELOW THE WINDOW SILL TO FACILITATE CONSTRUCTION ACCESS. CM TO REBUILT LOWER PORTION OF WALL AND WINDOW SILL IN KIND.

LEGEND

HATCH INDICATED ACTIVE PHASE WORK PROGRESSING INTO SCHOOL YEAR

HATCH INDICATED ACTIVE PHASE AREA COMPLETED IN SUMMER

True Project

2' 8' 32'
0' 4' 16' 48'

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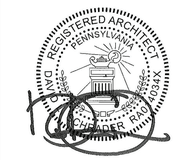

Owner:
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DATE: 12/03/2024

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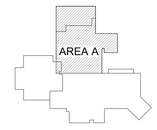
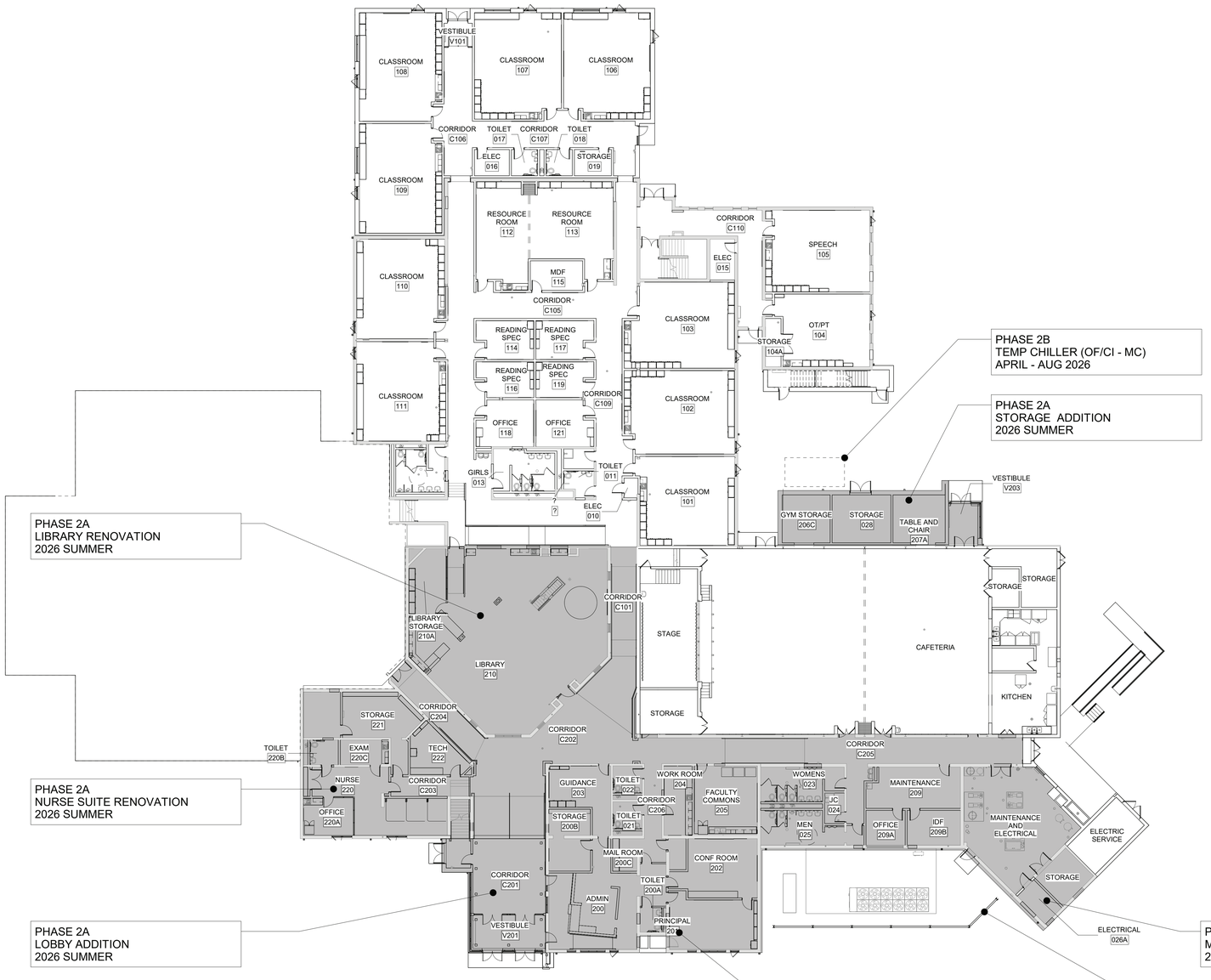
Key Plan:



Drawing Title:
PROJECT PHASING
FIRST FLOOR PLAN

Drawing Number:
A100.11



1 | A100.12 COMPOSITE FIRST FLOOR PHASE 2 PLAN

SCALE: 1/16" = 1'-0"

GENERAL PHASING NOTES

1. PROJECT WILL BE CONSTRUCTED IN PHASES AS SHOWN ON PHASING PLANS.
   - PHASE 1A: (SUMMER 2025), START OF CONSTRUCTION JUNE 20 – END OF CONSTRUCTION AUGUST 15.
   - PHASE 1B: JUNE 20, 2025 – END OF CONSTRUCTION JUNE 19, 2026.
   - PHASE 2A: (SUMMER 2026), START OF CONSTRUCTION JUNE 22 – END OF CONSTRUCTION AUGUST 15.
   - PHASE 2B: JUNE 22, 2026 – END OF CONSTRUCTION JUNE 18, 2027.
   - PHASE 3: (SUMMER 2027), START OF CONSTRUCTION JUNE 21 – END OF CONSTRUCTION AUGUST 15.
   - SUBSTANTIAL COMPLETION: AUGUST 15, 2027.
2. THE OPERATION OF THE FACILITY OUTSIDE THE PHASED SCOPE OF WORK AREA MAY CONTINUE WHILE THE CONSTRUCTION OF THE DIFFERENT PHASES OCCURS. A PROTECTIVE AND SEALED ENVELOPE BETWEEN ACTIVE WORK AREAS DURING EACH PHASE IS TO BE PROVIDED BY CONTRACTOR AND A CLEAN AND UNOBSTRUCTED PATH TO THE AREA OF WORK IS TO BE MAINTAINED AT ALL TIMES.
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4. ANY INCIDENTAL CEILING REMOVAL OUTSIDE OF THE DESIGNATED PHASED SCOPE OF WORK AREA MUST BE RESTORED BY THE CONTRACTOR PERFORMING THE WORK. ALL CEILINGS ARE REQUIRED TO BE RESTORED AND REMAIN IN PLACE DURING HOURS OF OPERATION, WHICH INCLUDE REGULAR INSTRUCTIONAL HOURS, BEFORE / AFTER-SCHOOL PROGRAMS AND SPECIAL EVENTS.
5. SUPPORT SYSTEMS WILL BE MAINTAINED AT ALL HOURS OF OPERATIONS. NECESSARY INTERRUPTIONS MUST BE AUTHORIZED BY AND COORDINATED WITH OWNER.
6. FUNCTIONS OF THE AREA SHOWN FOR RENOVATION WILL BE RELOCATED BEFORE PHASE OF WORK BEGINS. COORDINATE WITH THE OWNER BEFORE THE START OF EACH PHASE.
7. FIELD VERIFY ACTUAL CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT OF ANY DEVIATIONS FROM DRAWINGS OR ANY UNFORESEEN CONDITIONS THAT MAY CONFLICT WITH NEW WORK.
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LEGEND

HATCH INDICATED ACTIVE PHASE WORK PROGRESSING INTO SCHOOL YEAR

HATCH INDICATED ACTIVE PHASE AREA COMPLETED IN SUMMER

True Project

0' 2' 4' 8' 16' 32' 48'

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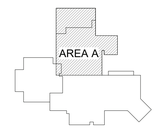
DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

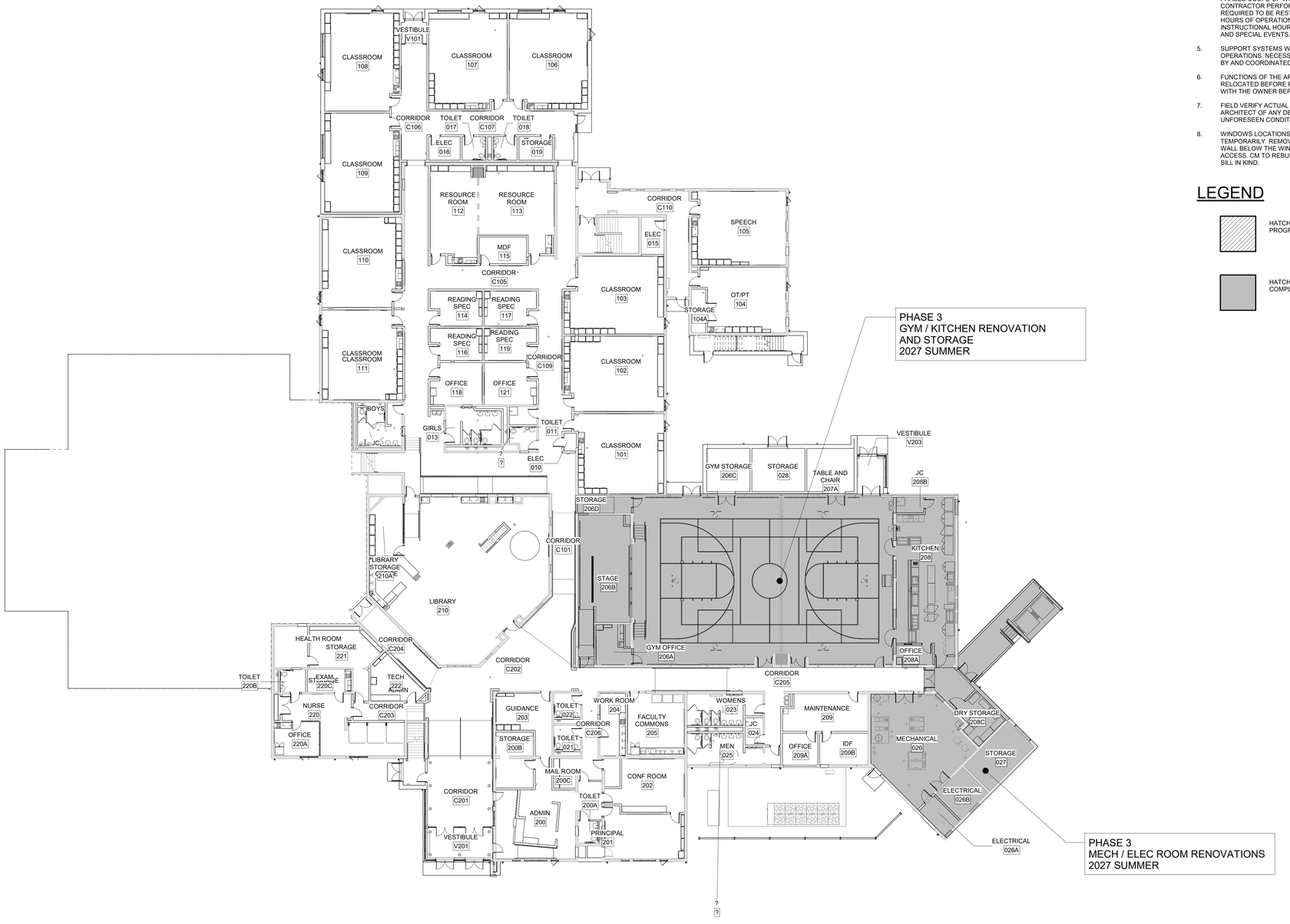


Drawing Title:

PROJECT PHASING
FIRST FLOOR PLAN

Drawing Number:

A100.12



1 | A100.13 COMPOSITE FIRST FLOOR PHASE 3 PLAN
SCALE: 1/16" = 1'-0"

GENERAL PHASING NOTES

1. PROJECT WILL BE CONSTRUCTED IN PHASES AS SHOWN ON PHASING PLANS.
   - PHASE 1A: (SUMMER 2025), START OF CONSTRUCTION JUNE 20 – END OF CONSTRUCTION AUGUST 15.
   - PHASE 1B: JUNE 20, 2025 – END OF CONSTRUCTION JUNE 19, 2026.
   - PHASE 2A: (SUMMER 2026), START OF CONSTRUCTION JUNE 22 – END OF CONSTRUCTION AUGUST 15.
   - PHASE 2B: JUNE 22, 2026 – END OF CONSTRUCTION JUNE 18, 2027.
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   - SUBSTANTIAL COMPLETION: AUGUST 15, 2027.
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4. ANY INCIDENTAL CEILING REMOVAL OUTSIDE OF THE DESIGNATED PHASED SCOPE OF WORK AREA MUST BE RESTORED BY THE CONTRACTOR PERFORMING THE WORK. ALL CEILINGS ARE REQUIRED TO BE RESTORED AND REMAIN IN PLACE DURING HOURS OF OPERATION, WHICH INCLUDE REGULAR INSTRUCTIONAL HOURS, BEFORE / AFTER-SCHOOL PROGRAMS AND SPECIAL EVENTS.
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7. FIELD VERIFY ACTUAL CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT OF ANY DEVIATIONS FROM DRAWINGS OR ANY UNFORESEEN CONDITIONS THAT MAY CONFLICT WITH NEW WORK.
8. WINDOWS LOCATIONS NOTED **(CA)** ARE ENLARGE BY TEMPORARILY REMOVING THE LOWER PORTION OF EXTERIOR WALL BELOW THE WINDOW SILL TO FACILITATE CONSTRUCTION ACCESS. CM TO REBUILT LOWER PORTION OF WALL AND WINDOW SILL IN KIND.

LEGEND

HATCH INDICATED ACTIVE PHASE WORK PROGRESSING INTO SCHOOL YEAR

HATCH INDICATED ACTIVE PHASE AREA COMPLETED IN SUMMER

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Structural Engineer
SCHRADERGROUP
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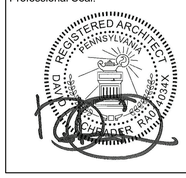
Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

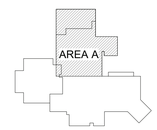
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:



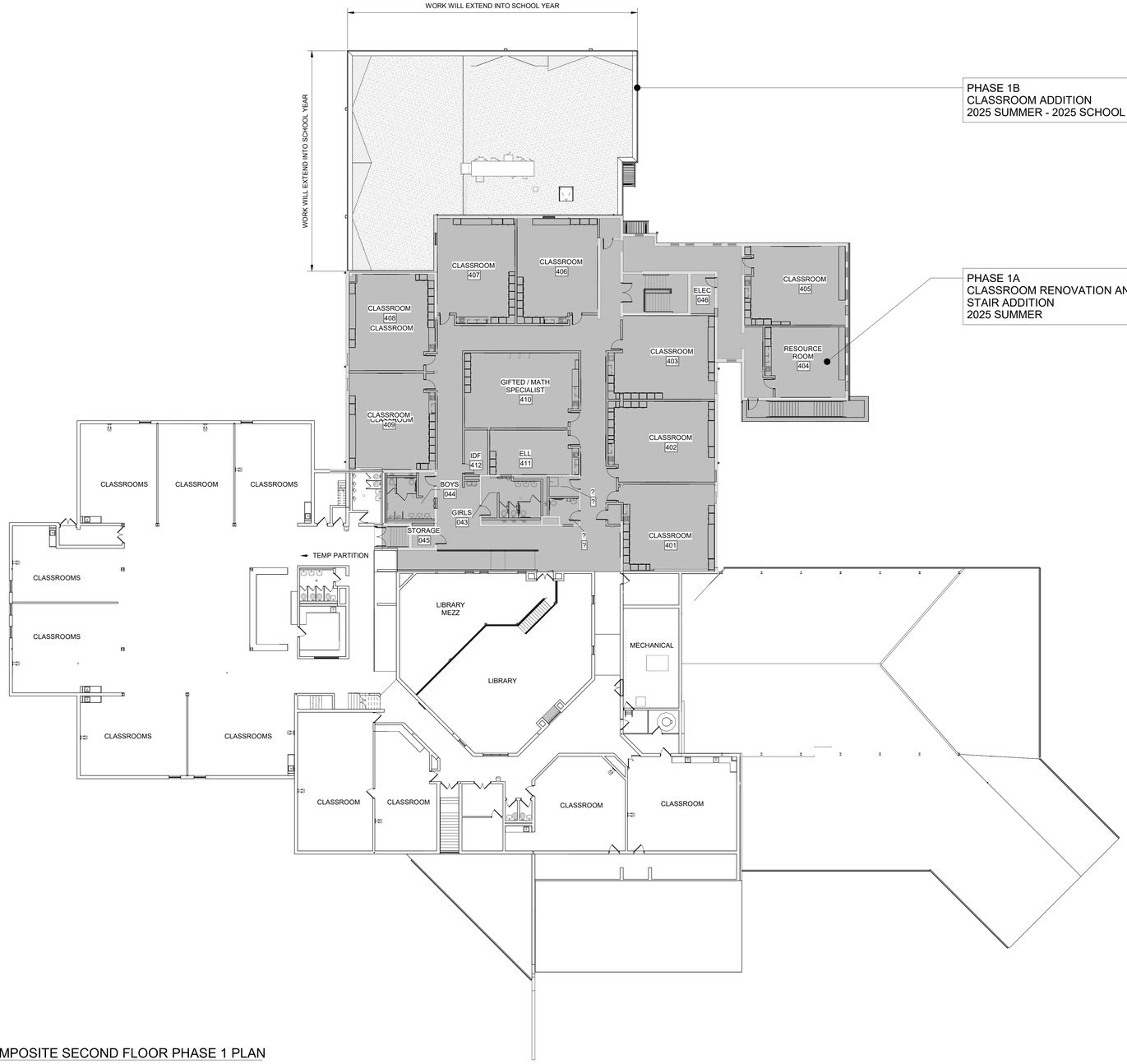
Drawing Title:
PROJECT PHASING
FIRST FLOOR PLAN

Drawing Number:
A100.13

True Project

0' 4' 16' 48' (2' 8' 32')

PRE-PHASE 1 PREP
INCIDENTAL WORK RELATED TO THE PREPARATION OF PHASE 1 MAY BEGIN IN APRIL 2025 BUT MUST NOT BE CONDUCTED DURING HOURS OF OPERATION, WHICH INCLUDE REGULAR INSTRUCTIONAL HOURS, BEFORE/AFTER-SCHOOL PROGRAMS, AND SPECIAL EVENTS. ALL AREAS AFFECTED BY THE WORK MUST BE CLEANED AND FULLY RESTORED TO THEIR ORIGINAL CONDITION BEFORE THE NEXT OPERATIONAL DAY BEGINS. IF EXISTING CEILING TILES AND/OR GRID ARE REMOVED AS PART OF THE INCIDENTAL WORK THEY MUST BE RE-INSTALLED BEFORE THE BEGINNING OF THE OPERATIONAL DAY. REMOVAL AND REINSTALLATION OF THE CEILINGS ARE THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING THE WORK.



1 | A100.21 COMPOSITE SECOND FLOOR PHASE 1 PLAN
SCALE: 1/16" = 1'-0"

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LEGEND

HATCH INDICATED ACTIVE PHASE WORK PROGRESSING INTO SCHOOL YEAR

HATCH INDICATED ACTIVE PHASE AREA COMPLETED IN SUMMER

True Project

0' 2' 4' 8' 16' 32' 48'

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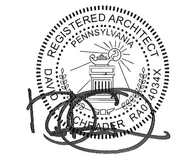

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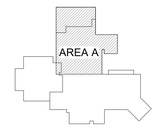
	GC REBID	12/03/2024

DATE: 12/03/2024

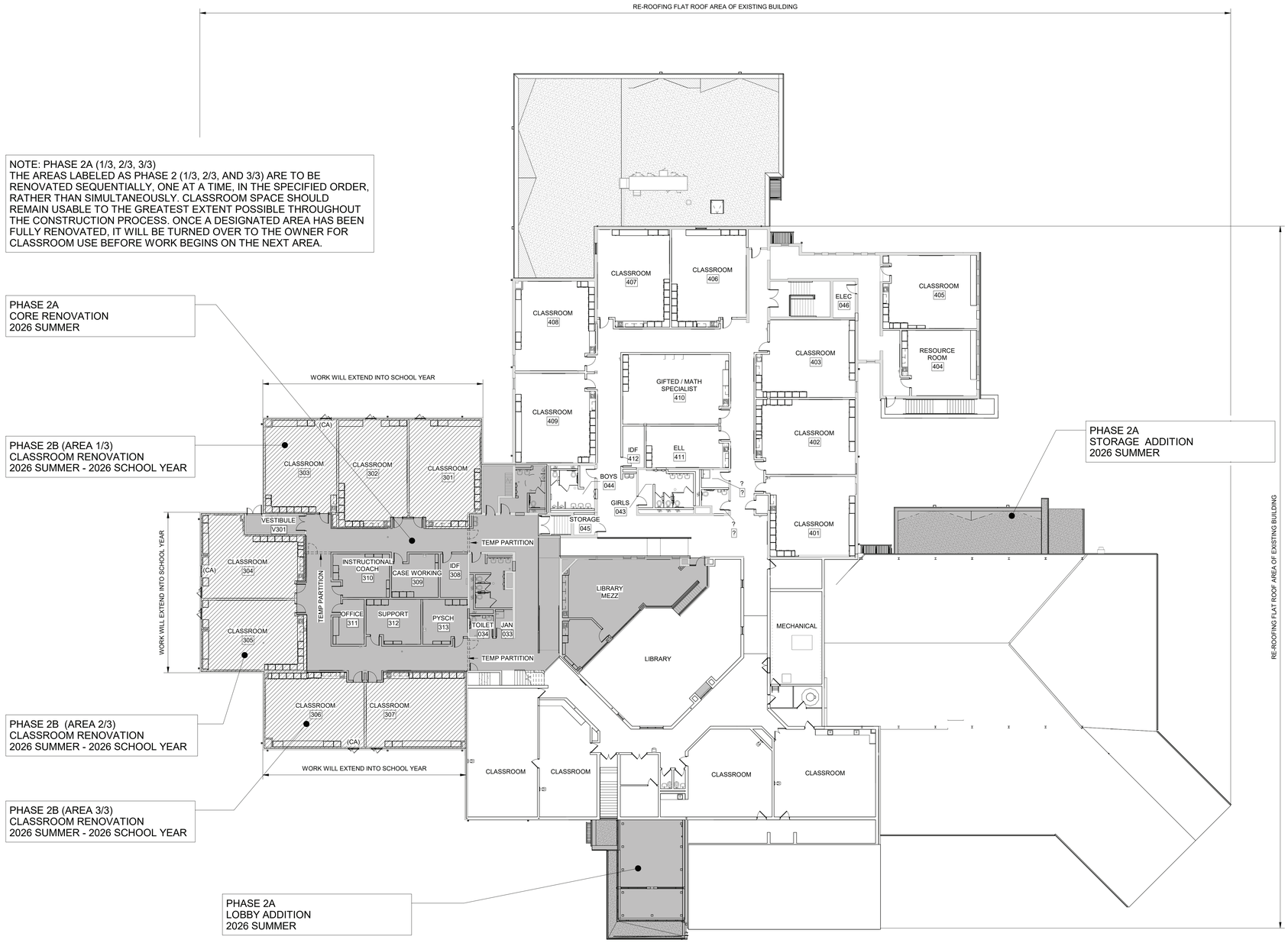
SGA PROJECT NUMBER: 23-029

Key Plan:



Drawing Title:
PROJECT PHASING SECOND FLOOR PLAN

Drawing Number:
A100.21



1 | A100.22 COMPOSITE SECOND FLOOR PHASE 1 PLAN
SCALE: 1/16" = 1'-0"

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LEGEND

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HATCH INDICATED ACTIVE PHASE AREA COMPLETED IN SUMMER

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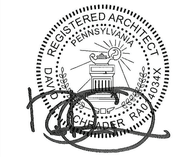

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ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

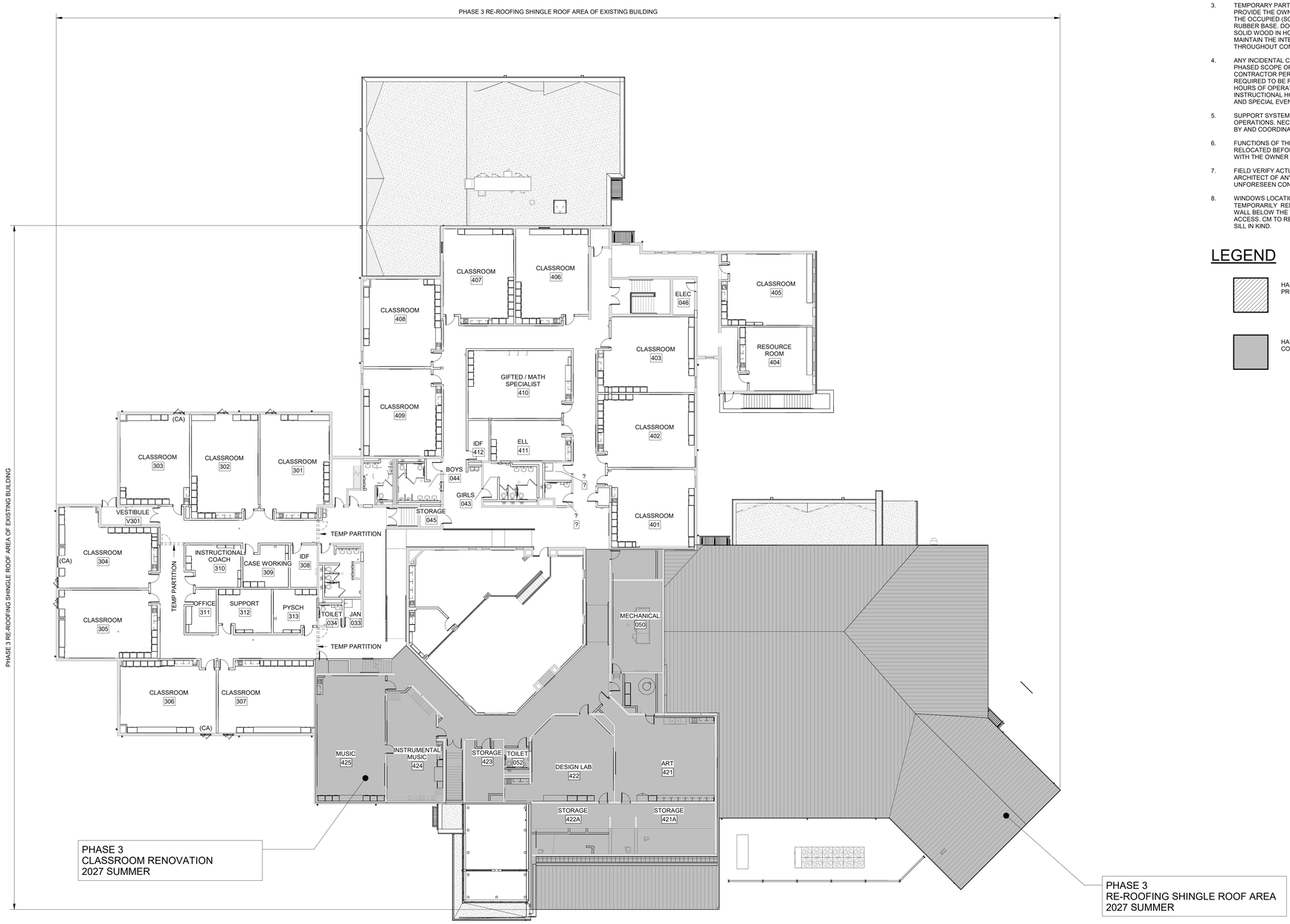
Key Plan:

Drawing Title:
PROJECT PHASING SECOND FLOOR PLAN

Drawing Number:
A100.22

True Project

2' 8' 32'
0' 4' 16' 48'



1 COMPOSITE SECOND FLOOR PHASE 3 PLAN
A100.23 SCALE: 1/16" = 1'-0"

GENERAL PHASING NOTES

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LEGEND

HATCH INDICATED ACTIVE PHASE WORK PROGRESSING INTO SCHOOL YEAR

HATCH INDICATED ACTIVE PHASE AREA COMPLETED IN SUMMER

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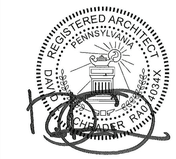
Professional Seal:



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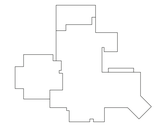

Drawing Title:
PROJECT PHASING SECOND FLOOR PLAN

Drawing Number:
A100.23

True Project

0' 2' 4' 8' 16' 32' 48'

1 COMPOSITE FIRST FLOOR PLAN
A101 SCALE: 1/16" = 1'-0"

True Project

2' 8' 32'
0' 4' 16' 48'

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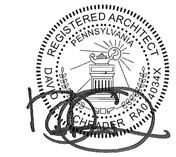

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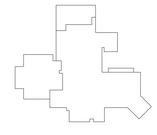
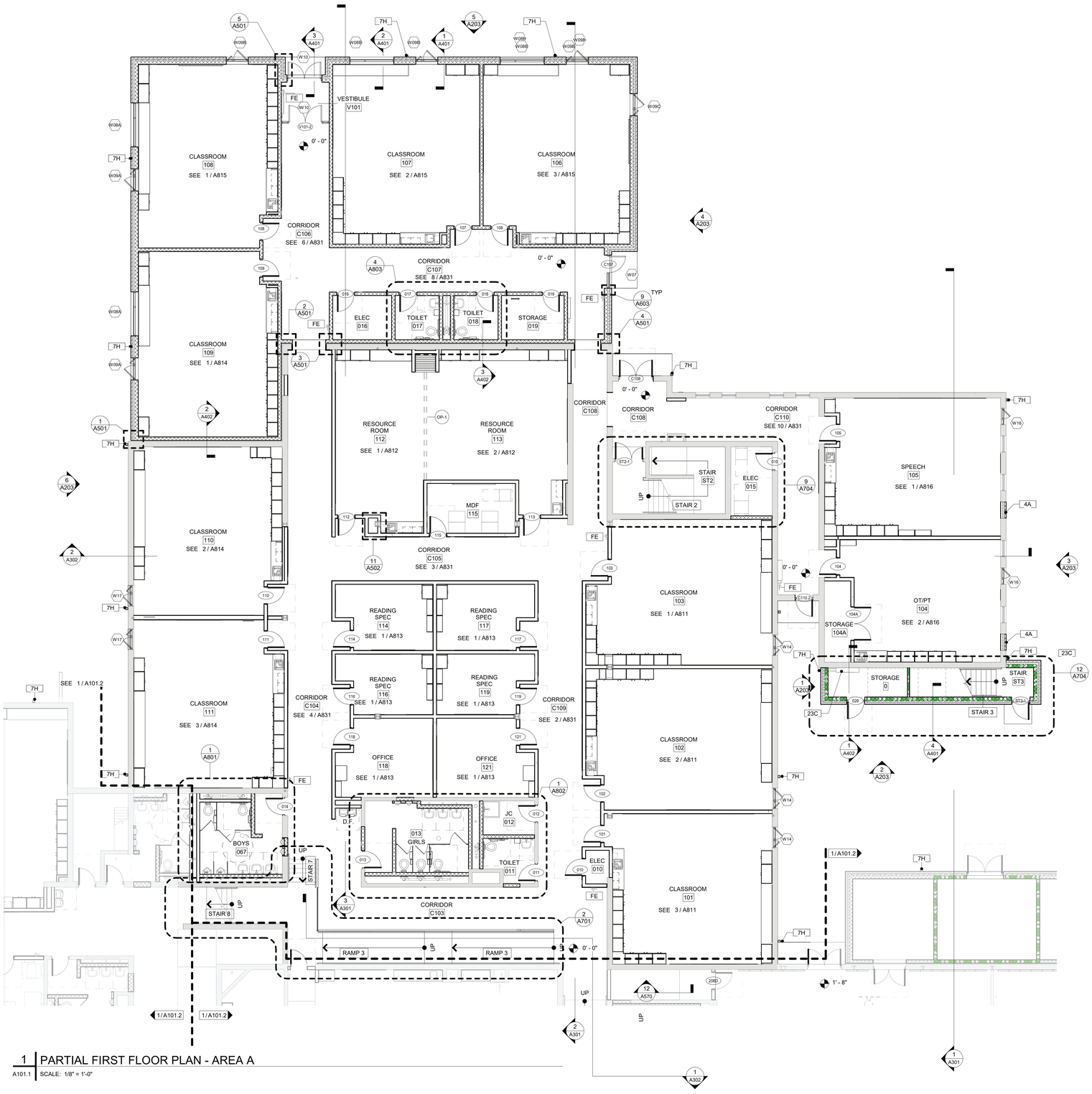


Drawing Title:

COMPOSITE FIRST FLOOR PLAN

Drawing Number:

A101



1 PARTIAL FIRST FLOOR PLAN - AREA A

A101.1 SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES

1. ALL DIMENSIONS ARE TO OUTSIDE FACE OF FOUNDATIONS, COLUMN LINE, OR FACE OF FRAMING UNLESS NOTED OTHERWISE.
2. DIMENSIONS TO WINDOWS AND DOORS ARE TO MASONRY OPENINGS IN CMU AND/OR CONCRETE, UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL VERIFY DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. CONSTRUCT HIGHER RATED PARTITIONS FIRST, THEN PROCEED TO LOWER RATED PARTITIONS.
5. PARTITIONS ABOVE OPENINGS SHALL BE THE SAME AS THE PARTITIONS BESIDE THE OPENING, COORDINATE WALL CONSTRUCTION WITH PARTITION TYPES
6. FINISH FLOOR ELEVATION 0'-0" = 424.99 NOTED ON CIVIL DRAWINGS.
7. ONLY FLOOR INFILL AND NEW CONCRETE SLAB AND RAMPS WITHIN THE EXISTING BUILDING FOOTPRINT IS SHOWN AS HATCHED (CONCRETE PATTERN). NEW FLOOR CONSTRUCTION IN THE ADDITIONS IS NOT HATCHED. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL CONCRETE SLAB INFORMATION.
8. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
9. SEE FINISH SCHEDULE FOR ADDITIONAL WORK.

KEYNOTE SCHEDULE

#	DESCRIPTION
4A	BRICK VENEER MASONRY, INFILL TO MATCH EXISTING
7H	ALUMINUM 4"X4" DOWNSPOUT, PRE-FINISHED (BY RC)
23C	CABINET UNIT HEATER (BY MC) SEE MECH DWGS

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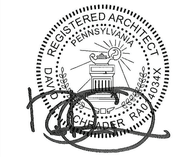


Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:

HILLSDALE ELEMENTARY SCHOOL

725 West Market Street
West Chester, PA 19382

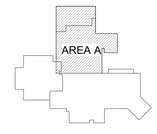
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:



Drawing Title:

PARTIAL FIRST FLOOR PLAN - AREA A

Drawing Number:

A101.1

True Project

0' 2' 4' 8' 16' 24'

KEYNOTE SCHEDULE

#	DESCRIPTION
3A	CONCRETE SLAB, SEE STRUCT DWGS
3B	INFILL EXISTING CONDITION. PROVIDE NEW CONCRETE SLAB FLUSH WITH EXISTING FLOOR AND PREPARE FOR NEW FLOOR FINISH
4A	BRICK VENEER MASONRY, INFILL TO MATCH EXISTING
4C	GROUND FACE BLOCK VENEER MASONRY
4D	INFILL GROUND FACE BLOCK TO MATCH EXISTING ADJACENT GROUND FACE BLOCK
4F	CMU INFILL TO MATCH ADJACENT CONSTRUCTION
5C	METAL GUARD RAIL SYSTEM

KEYNOTE SCHEDULE

#	DESCRIPTION
7H	ALUMINUM 4"X4" DOWNSPOUT, PRE-FINISHED (BY RC)
8A	ACOUSTICAL PANEL ENCLOSURE
10E	EXISTING FOLDING PARTITION REINSTALLED
10F	PRIVACY CURTAIN AND TRACK
11A	CEILING HUNG PROJECTION SCREEN
11C	THEATER CURTAINS AND TRACKS (EXISTING / REINSTALLED)
23E	CONDENSING UNIT (BY MC) SEE MECH DWGS
26C	ENGINE GENERATOR (BY EC) SEE ELEC DWGS

GENERAL PLAN NOTES

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6. FINISH FLOOR ELEVATION 0'-0" = 424.99 NOTED ON CIVIL DRAWINGS.
7. ONLY FLOOR INFILL AND NEW CONCRETE SLAB AND RAMPS WITHIN THE EXISTING BUILDING FOOTPRINT IS SHOWN AS HATCHED (CONCRETE PATTERN). NEW FLOOR CONSTRUCTION IN THE ADDITIONS IS NOT HATCHED. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL CONCRETE SLAB INFORMATION.
8. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
9. SEE FINISH SCHEDULE FOR ADDITIONAL WORK.

NOTE: CONCRETE HATCH INDICATES INFILL WITHIN EXISTING BUILDING, TYP

1 PARTIAL FIRST FLOOR PLAN - AREA B
A101.2 SCALE: 1/8" = 1'-0"

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Structural Engineer
SCHRADERGROUP
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Lancaster, PA 17602
(717) 299-8965

Professional Seal:

Owner:
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SGA PROJECT NUMBER: 23-029

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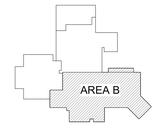

Drawing Title:
PARTIAL FIRST FLOOR PLAN - AREA B

Drawing Number:
A101.2

True Project

0' 2' 4' 8' 16' 24'

1 COMPOSITE SECOND FLOOR PLAN

A102 SCALE: 1/16" = 1'-0"

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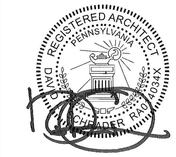

Owner:
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Additions and Renovations to:

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725 West Market Street
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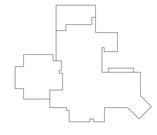
DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:



Drawing Title:

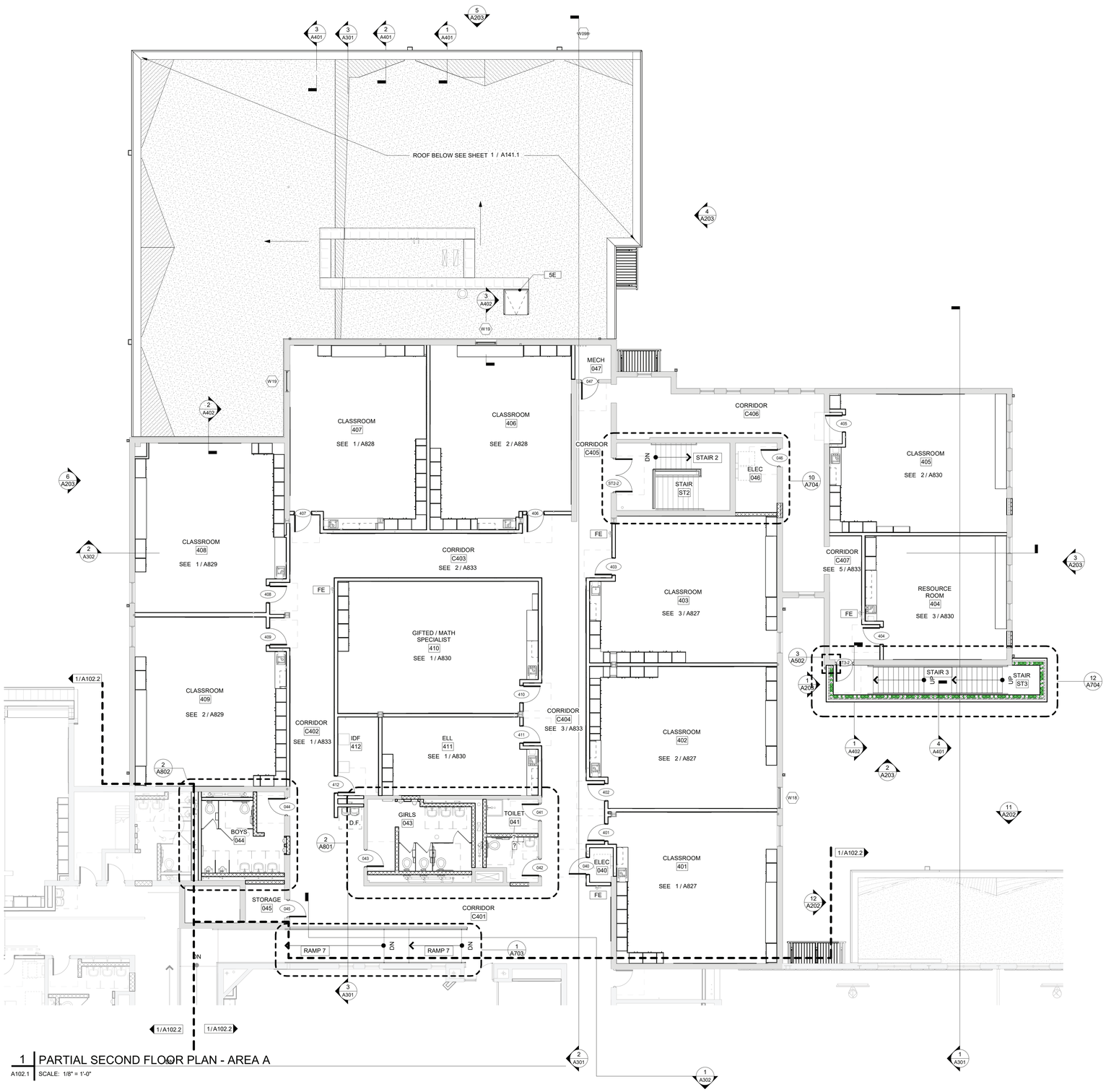
COMPOSITE SECOND
FLOOR PLAN

Drawing Number:

A102

True Project

0' 2' 4' 8' 16' 32' 48'



1 PARTIAL SECOND FLOOR PLAN - AREA A

A102.1 SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES

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8. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
9. SEE FINISH SCHEDULE FOR ADDITIONAL WORK.

KEYNOTE SCHEDULE

#	DESCRIPTION
5E	ROOF HATCH WITH SAFETY RAILING SYSTEM

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Structural Engineer

SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
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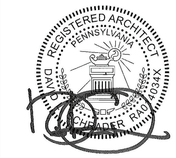
Professional Seal:



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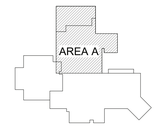

Drawing Title:

PARTIAL SECOND FLOOR PLAN - AREA A

Drawing Number:

A102.1

True Project

2' 4' 8' 16' 24'

GENERAL PLAN NOTES

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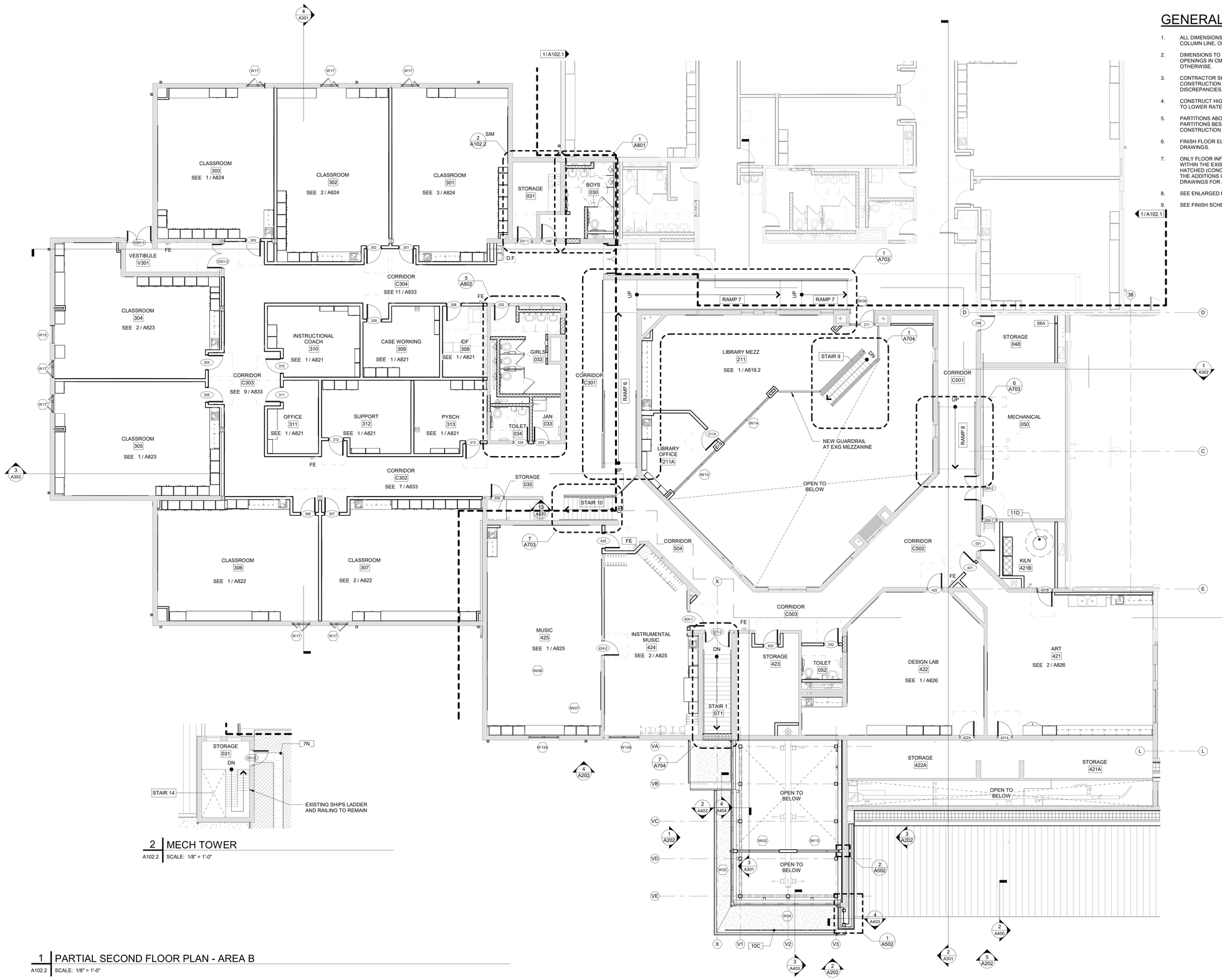

2 MECH TOWER
A102.2 SCALE: 1/8" = 1'-0"

1 PARTIAL SECOND FLOOR PLAN - AREA B
A102.2 SCALE: 1/8" = 1'-0"

True Project

0' 2' 4' 8' 16' 24'

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Structural Engineer
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Professional Seal:

Owner:
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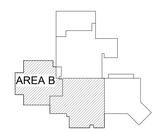
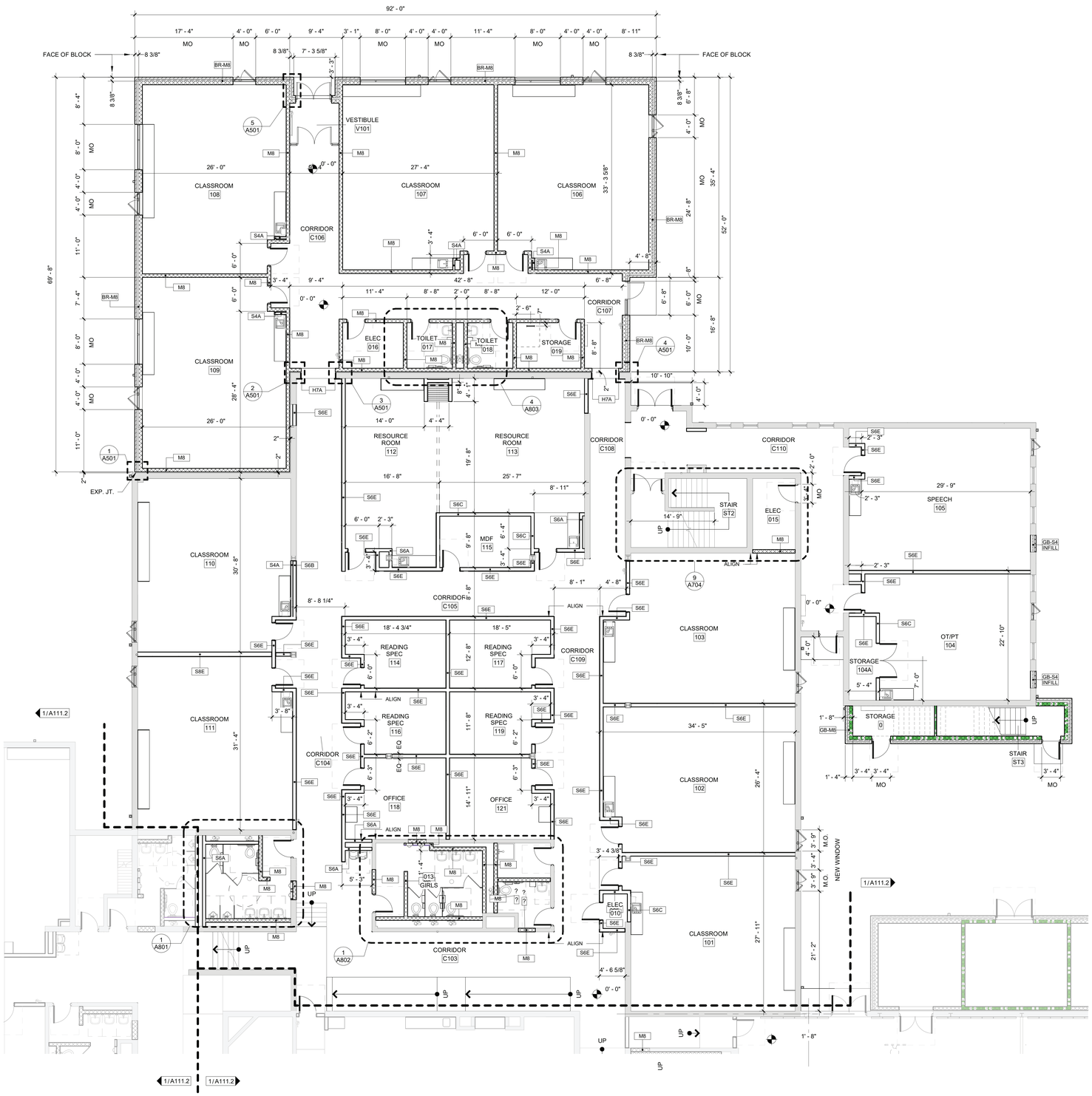
Key Plan:



Drawing Title:
PARTIAL SECOND FLOOR PLAN - AREA B

Drawing Number:
A102.2



1 PARTIAL FIRST FLOOR DIMENSION PLAN - AREA A

A111.1 SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES

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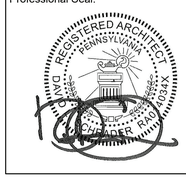

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SGA PROJECT NUMBER: 23-029

Key Plan:

Drawing Title:

PARTIAL FIRST FLOOR DIMENSION PLAN - AREA A

Drawing Number:

A111.1

True Project

0' 2' 4' 8' 16' 24'

GENERAL PLAN NOTES

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1 PARTIAL FIRST FLOOR DIMENSION PLAN - AREA B
A111.2 SCALE: 1/8" = 1'-0"

True Project

0' 2' 4' 8' 16' 24'

SCHRADERGROUP
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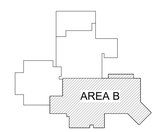
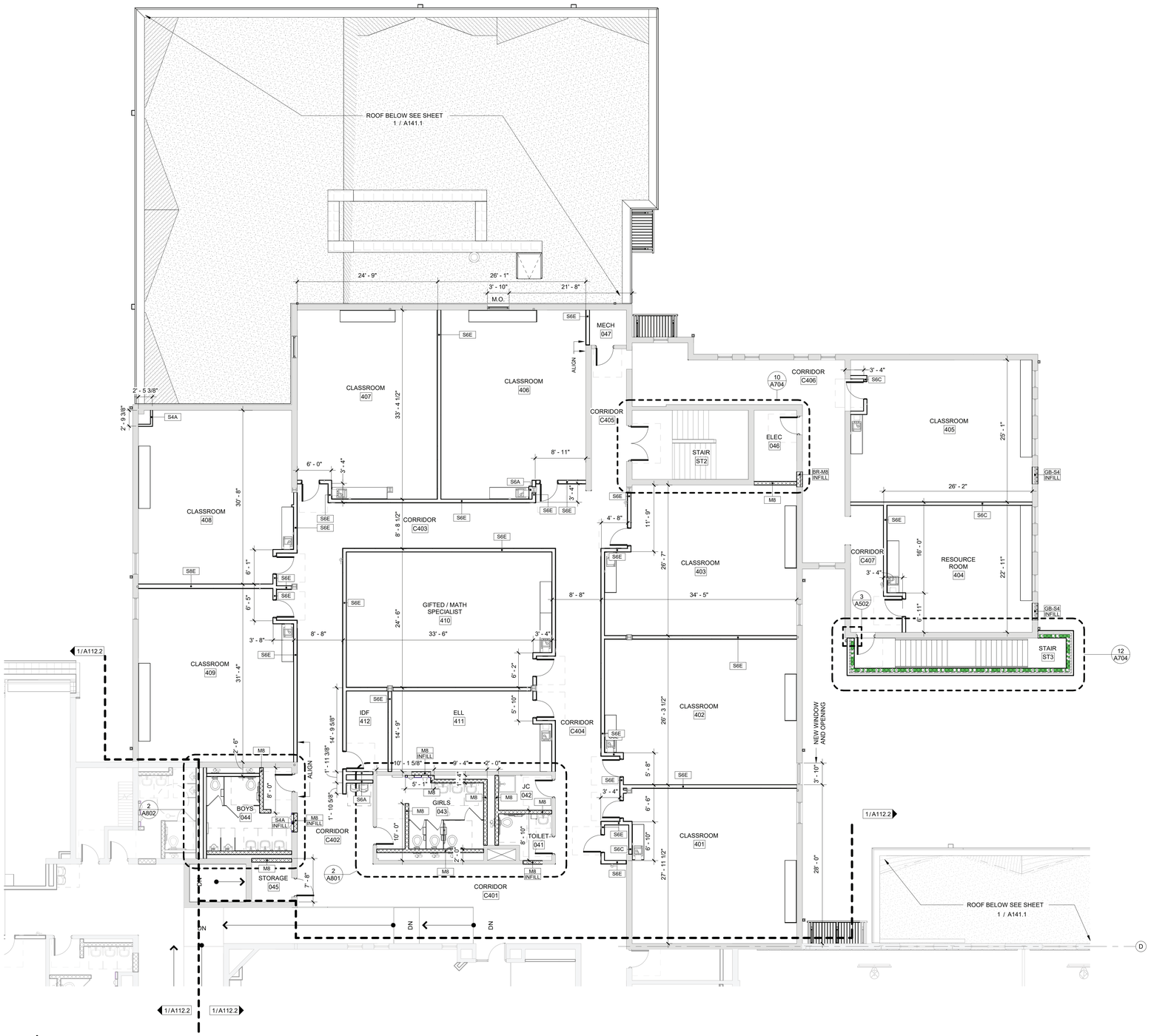


Drawing Title:
PARTIAL FIRST FLOOR DIMENSION PLAN - AREA B

Drawing Number:
A111.2



1 PARTIAL SECOND FLOOR DIMENSION PLAN - AREA A
A112.1 SCALE: 1/8" = 1'-0"

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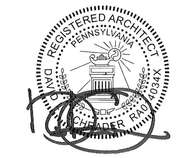

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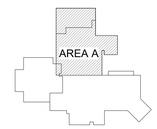

Drawing Title:
PARTIAL SECOND FLOOR DIMENSION PLAN - AREA A

Drawing Number:
A112.1

True Project

0' 2' 4' 8' 16' 24'

GENERAL PLAN NOTES

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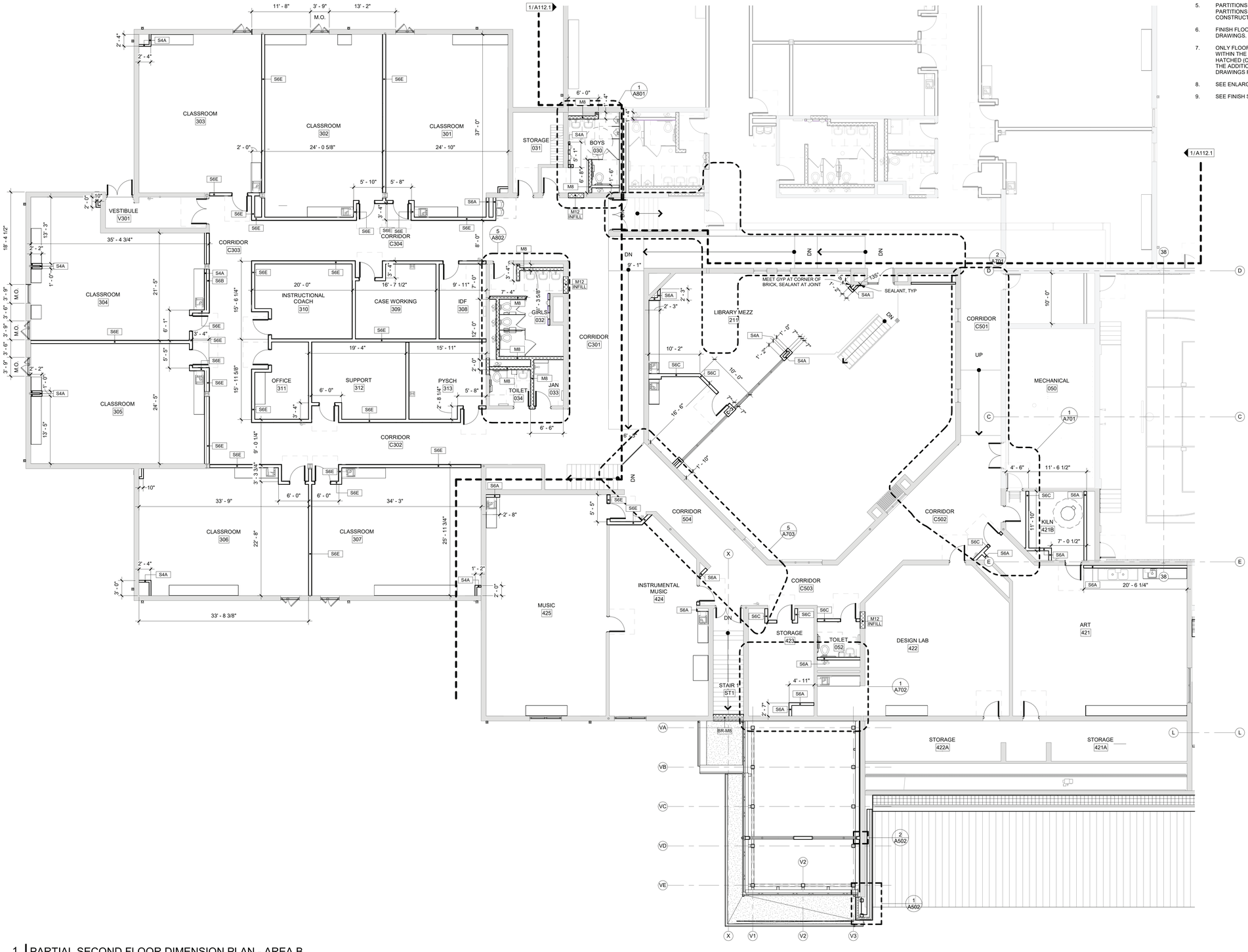
6. FINISH FLOOR ELEVATION 0'-0" = 424.99 NOTED ON CIVIL DRAWINGS.
7. ONLY FLOOR INFILL AND NEW CONCRETE SLAB AND RAMPS WITHIN THE EXISTING BUILDING FOOTPRINT IS SHOWN AS HATCHED (CONCRETE PATTERN). NEW FLOOR CONSTRUCTION IN THE ADDITIONS IS NOT HATCHED. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL CONCRETE SLAB INFORMATION.
8. SEE ENLARGED PLANS FOR TYPICAL INTERIOR ELEVATIONS.
9. SEE FINISH SCHEDULE FOR ADDITIONAL WORK.



1 PARTIAL SECOND FLOOR DIMENSION PLAN - AREA B
A112.2 SCALE: 1/8" = 1'-0"

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Structural Engineer
SCHRADERGROUP
153 East King Street, Suite 211-212
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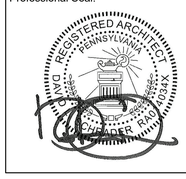
Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

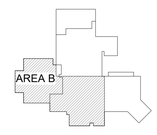
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:



Drawing Title:
PARTIAL SECOND FLOOR DIMENSION PLAN - AREA B

Drawing Number:
A112.2

True Project

0' 2' 4' 8' 16' 24'

1 | COMPOSITE FIRST FLOOR REFLECTED CEILING PLAN

A121 | SCALE: 1/16" = 1'-0"

GENERAL CEILING NOTES

1. ALL DIMENSIONS ARE FROM FACE OF FINISHED SURFACE OR CENTER LINE OF COLUMN, UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND REPORT DISCREPANCIES TO ARCHITECT IMMEDIATELY UPON DISCOVERY.
2. CORRIDORS THAT WILL REQUIRE REMOVAL AND REPLACEMENT OF CEILINGS MULTIPLE TIMES THROUGH PROJECT PHASES ARE TO REUSE EXISTING SALVAGED CEILING TILES TO THE GREATEST EXTENT POSSIBLE. GENERAL CONTRACTOR TO PROVIDED ALL CORRIDORS WITH NEW CEILING TILES PRIOR TO SUBSTANTIAL COMPLETION.
3. MC SHALL COORDINATE THE WORK OF ALL TRADES IN THE CEILING WORK TO INSURE CLEARANCES FOR FIXTURES, DUCTS, PIPING, CEILING SUSPENSION SYSTEM, ETC., NECESSARY TO MAINTAIN CEILING HEIGHTS INDICATED ON ARCHITECTURAL DRAWINGS.
4. GC TO PROVIDE EXTRA BLOCKING AT CEILINGS FOR ANY CEILING HUNG PROJECTION SCREENS, AV EQUIPMENT, ETC., COORDINATE LOCATIONS OF ALL CEILING HUNG EQUIPMENT WITH OWNER.
5. GC SHALL PAINT ALL NEW GWB CEILINGS.
6. GC SHALL PROVIDE ACT HANGERS AND SUPPORTS IN ACCORDANCE WITH MANUFACTURE RECOMMENDATIONS, APPLICABLE CODES AND ORDINANCES. PROVIDE SEISMIC BRACING AS REQUIRED.
7. CEILING HEIGHTS REFERENCE ROOMS FINISHED FLOOR ELEVATION.
8. PROVIDE CEILING EXPANSION JOINTS PER SPECIFICATION REQUIREMENTS AND MANUFACTURER'S RECOMMENDATIONS AT ALL BUILDING EXPANSION JOINT LOCATIONS.
9. CONTROL JOINTS IN GYPSUM BOARD CEILINGS SHALL BE SPACED 30 FT MAXIMUM (IN EITHER DIRECTION).
10. CEILING TILE TO BE CENTERED IN ROOMS, UNLESS OTHERWISE NOTED.
11. SEE MECHANICAL DRAWINGS FOR CEILING MOUNTED DUCTS, PIPES, AND ACCESSORIES.
12. ALL NEW SUPPLY AIR AND RETURN GRILLES SHALL BE LOCATED IN THE CENTER LINE OF ACOUSTICAL TILES UNLESS OTHERWISE INDICATED ON PLANS.
13. SEE ELECTRICAL DRAWINGS FOR LIGHTING FIXTURE TYPES AND LOCATIONS.
14. REPORT DISCREPANCIES BETWEEN THE REFLECTED CEILING PLAN AND MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION / ALARM PLANS TO ARCHITECT IMMEDIATELY UPON DISCOVERY.
15. "EXPOSED, PTD" INCLUDES METAL DECK, STRUCTURE, DUCTWORK, PIPING, CONDUIT, HANGERS, AND ACCESSORIES.
16. ALL INSULATION EXPOSED TO CEILING PLENUM IS TO BE FIRE AND DUST PROOF.

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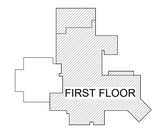
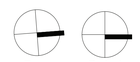


Drawing Title:

COMPOSITE FIRST FLOOR REFLECTED CEILING PLAN

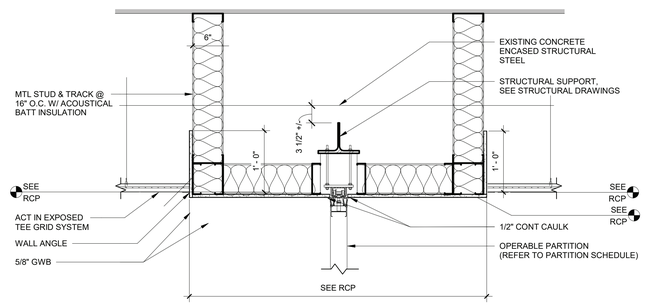
Drawing Number:

A121



1 PARTIAL FIRST FLOOR REFLECTED CEILING PLAN - AREA A

A121.1 SCALE: 1/8" = 1'-0"



2 GWB BULKHEAD AT OPERABLE PARTITION

A121.1 SCALE: 1" = 1'-0"

CEILING PLAN LEGENED

- INDICATED CEILING TYPE (SEE LEGEND) / INDICATED HEIGHT ABOVE FINISHED FLOOR
- EXPOSED (EXPOSED, PTD) TO STRUCTURE ABOVE
- RS-MA1 — ROLLER SHADE - MANUAL (FABRIC 1)
- NEW WALL
- EXISTING WALL

2A	2x4 ACOUSTICAL CEILING TILE SYSTEM
2D	2x4 CLEAN ROOM CEILING TILE SYSTEM
3A	GWB CEILING FINISH
3B	1 HR FIRE RATED GWB CEILING FINISH (NER 258)
4A	LINEAR METAL CEILING SYSTEM
6A	DIRECT - ATTACH CEILING PANEL

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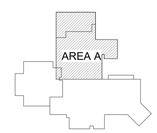

Drawing Title:
PARTIAL FIRST FLOOR REFLECTED CEILING PLAN - AREA A

Drawing Number:
A121.1

True Project

0' 2' 4' 8' 16' 24'

CEILING PLAN LEGENED

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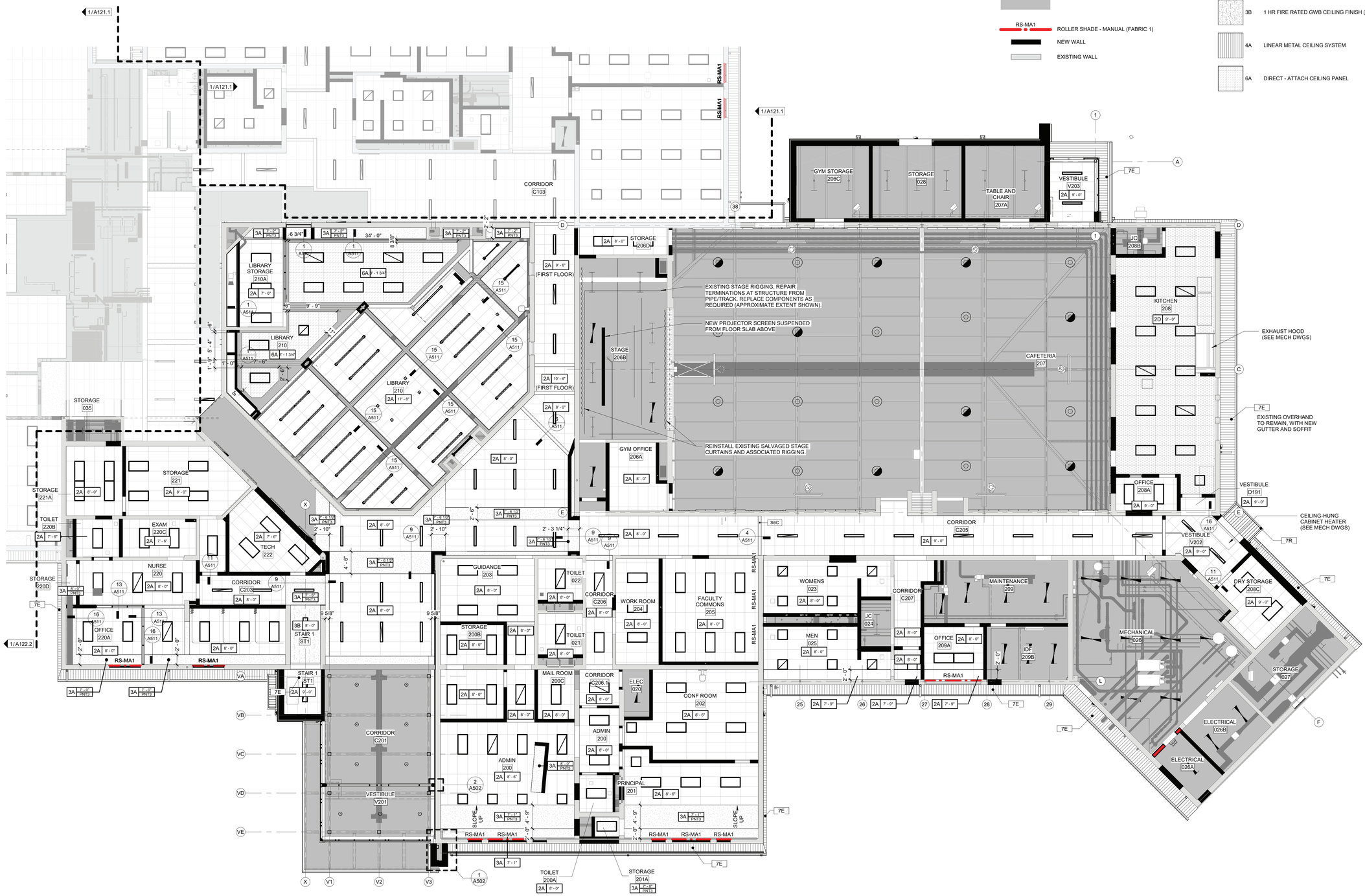
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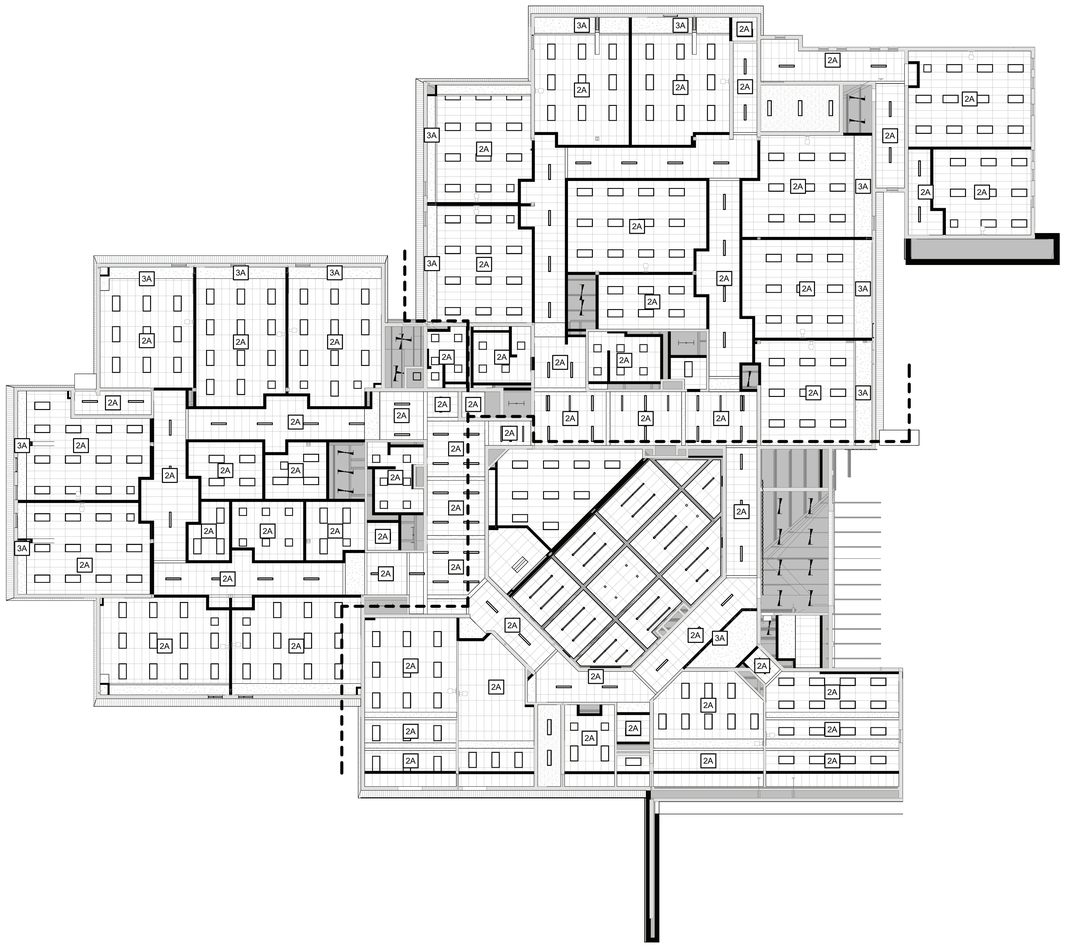
1/A121.2
CORRIDOR C103
GYM STORAGE 206C
STORAGE 026
TABLE AND CHAIR 207A
VESTIBULE V203
LIBRARY STORAGE 210A
LIBRARY 210
STORAGE 035
STORAGE 221
STORAGE 221A
TOILET 220B
EXAM 220C
TECH 222
NURSE 220
STORAGE 220D
OFFICE 220A
CORRIDOR C203
STAIR 1 ST1
CORRIDOR C201
VESTIBULE V201
STORAGE 206D
STAGE 206B
EXISTING STAGE RIGGING, REPAIR TERMINATIONS AT STRUCTURE FROM PIPE/TRACK. REPLACE COMPONENTS AS REQUIRED (APPROXIMATE EXTENT SHOWN).
NEW PROJECTOR SCREEN SUSPENDED FROM FLOOR SLAB ABOVE
REINSTALL EXISTING SALVAGED STAGE CURTAINS AND ASSOCIATED RIGGING.
GYM OFFICE 206A
CAFETERIA 207
JC 208B
KITCHEN 208
OFFICE 208A
VESTIBULE D191
EXHAUST HOOD (SEE MECH DWGS)
EXISTING OVERHAND TO REMAIN, WITH NEW GUTTER AND SOFFIT
CEILING-HUNG CABINET HEATER (SEE MECH DWGS)
VESTIBULE V202
DRY STORAGE 208C
STORAGE 027
ELECTRICAL 026B
ELECTRICAL 026A
MECHANICAL 026
CORRIDOR C205
CORRIDOR C207
MAINTENANCE 209
OFFICE 209A
IDF 209B
WOMENS 023
MEN 025
JC 024
GUIDANCE 203
STORAGE 200B
TOILET 022
TOILET 021
CORRIDOR C206
WORK ROOM 204
FACULTY COMMONS 205
MAIL ROOM 200C
CORRIDOR C206.1
ELEC 020
CONF ROOM 202
ADMIN 200
PRINCIPAL 201
TOILET 200A
STORAGE 201A
RS-MA1
RS-MA1
RS-MA1



1 | A122 COMPOSITE SECOND FLOOR REFLECTED CEILING PLAN
SCALE: 1/16" = 1'-0"

GENERAL CEILING NOTES

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9. CONTROL JOINTS IN GYPSUM BOARD CEILINGS SHALL BE SPACED 30 FT MAXIMUM (IN EITHER DIRECTION).
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15. "EXPOSED, PTD" INCLUDES METAL DECK, STRUCTURE, DUCTWORK, PIPING, CONDUIT, HANGERS, AND ACCESSORIES.
16. ALL INSULATION EXPOSED TO CEILING PLENUM IS TO BE FIRE AND DUST PROOF.

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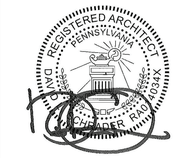

Owner:
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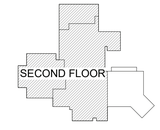
SGA PROJECT NUMBER: 23-029

Key Plan:



Drawing Title:
COMPOSITE SECOND FLOOR REFLECTED CEILING PLAN

Drawing Number:
A122

True Project

0' 2' 4' 8' 16' 32' 48'

1 PARTIAL SECOND FLOOR REFLECTED CEILING PLAN - AREA A

A122.1 SCALE: 1/8" = 1'-0"

CEILING PLAN LEGENED

- INDICATED CEILING TYPE (SEE LEGEND) / INDICATED HEIGHT ABOVE FINISHED FLOOR
- EXPOSED (EXPOSED, PTD) TO STRUCTURE ABOVE
- RS-MA1 — ROLLER SHADE - MANUAL (FABRIC 1)
- NEW WALL
- EXISTING WALL

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3A	GWB CEILING FINISH
3B	1 HR FIRE RATED GWB CEILING FINISH (NER 258)
4A	LINEAR METAL CEILING SYSTEM
6A	DIRECT - ATTACH CEILING PANEL

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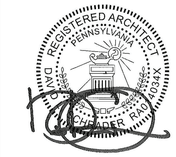

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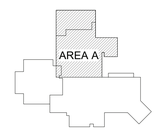
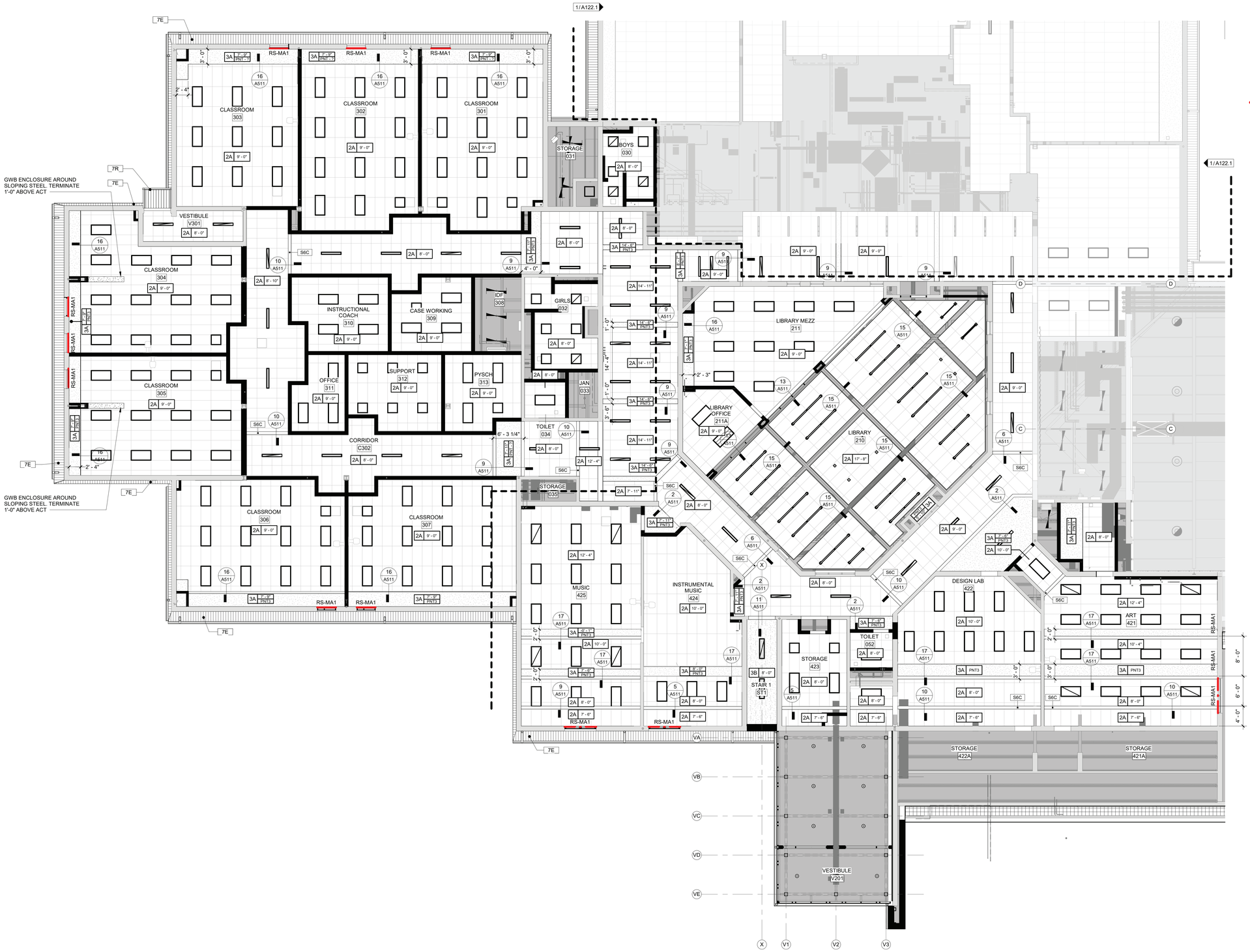


Drawing Title:
PARTIAL SECOND FLOOR REFLECTED CEILING PLAN - AREA A

Drawing Number:
A122.1

True Project

0' 2' 4' 8' 16' 24'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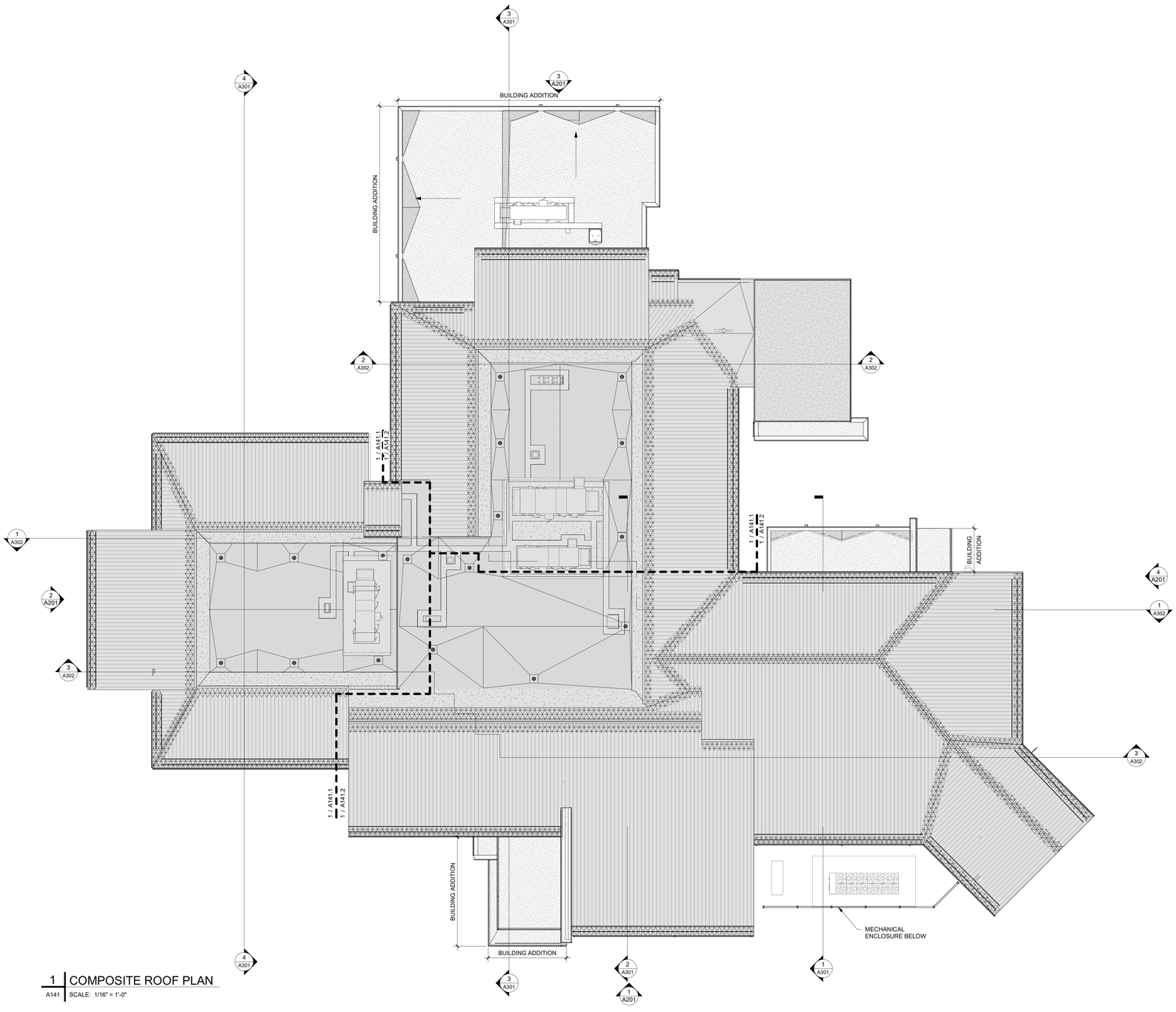
1/ A122.1
CLASSROOM 303
CLASSROOM 302
CLASSROOM 301
STORAGE 031
BOYS 030
VESTIBULE V301
CLASSROOM 304
CLASSROOM 305
CLASSROOM 306
CLASSROOM 307
INSTRUCTIONAL COACH 310
CASE WORKING 309
IDF 308
GIRLS 032
OFFICE 311
SUPPORT 312
PSYCH 313
JAN 033
TOILET 034
CORRIDOR C302
STORAGE 035
LIBRARY MEZZ 211
LIBRARY OFFICE 211A
LIBRARY 210
MUSIC 425
INSTRUMENTAL MUSIC 424
STAIR 1 ST1
TOILET 052
STORAGE 423
DESIGN LAB 422
ART 421
STORAGE 422A
STORAGE 421A
VESTIBULE V201
GWB ENCLOSURE AROUND SLOPING STEEL. TERMINATE 1'-0" ABOVE ACT
GWB ENCLOSURE AROUND SLOPING STEEL. TERMINATE 1'-0" ABOVE ACT
RS-MA1
RS-MA1
RS-MA1



1 A141 COMPOSITE ROOF PLAN
SCALE: 1/16" = 1'-0"

GENERAL ROOF NOTES

1. REVIEW ALL CONTRACT DOCUMENTS RELATING TO THE ROOF SYSTEM PRIOR TO BEGINNING WORK.
2. CERTIFY THAT ALL ROOFING AND SUBSTRATE MATERIALS ARE CHEMICALLY AND PHYSICALLY COMPATIBLE WITH EACH OTHER AND THE ROOFING SYSTEM.
3. GUARANTEE THAT THE ROOFING SYSTEM IS DESIGNED APPROPRIATELY TO BE CERTIFIED FOR THE REQUESTED WARRANTY PERIOD.
4. SHOW PROOF THAT THE ROOFING CONTRACTOR IS AN APPROVED APPLICATOR OF THE ROOFING SYSTEM TO BE INSTALLED.
5. PROVIDE CERTIFICATION FROM THE ROOFING MANUFACTURER THAT ALL MATERIALS USED IN ROOFING SYSTEMS ARE COVERED IN THE WARRANTY.
6. PROVIDE A DAILY REPORT TO THE ARCHITECT COVERING:
   - ROOF DECK CONDITIONS
   - LAYOUT AND ATTACHMENT OF INSULATION
   - WEATHER CONDITIONS
   - SIZE OF CREW
   - EQUIPMENT USED
7. INSTALL ALL ROOFING MATERIALS IN ACCORDANCE WITH ROOFING INDUSTRY RECOMMENDED STANDARDS AND PRACTICES.
8. VERIFY THE CONDITION OF THE ROOF DECK PRIOR TO BEGINNING WORK AND NOTIFY ARCHITECT OF ANY ADVERSE CONDITIONS REQUIRING ATTENTION.
9. PROVIDE PROPER COORDINATION AND APPLICATION OF FASTENERS TO ENSURE THAT NO FASTENER PROTRUDES THROUGH EXPOSED ROOF DECKING.
10. ROOF FASTENERS AT EXPOSED ACOUSTIC DECK AREAS SHALL NOT PENETRATE BOTTOM (EXPOSED SURFACE) OF THE DECK FLUTE. SEE REFLECTED CEILING PLANS FOR LOCATIONS.
11. CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER CONTRACTORS REGARDING LOCATION AND SEALING OF ROOF TOP PENETRATIONS.
12. ALL ROOF SLOPES NOTED ARE INDICATED BY ARROWS WHICH ARE DIRECTED DOWNWARD. FLAT ROOF SLOPES SHALL BE 1/4-INCH PER FOOT MINIMUM.
13. EXISTING (EXG) ROOF SLOPE VALUES ARE APPROXIMATIONS.
14. ALL PARAPET METAL COPING SHALL SLOPE DOWNWARD TO THE ROOF. SEE SECTIONS FOR EXACT CONSTRUCTION.
15. PROVIDE AND INSTALL TAPERED INSULATION TO ACHIEVE POSITIVE SLOPE (MIN 1/4"/1'-0") OF ROOF SURFACE TO DRAINS SCUPPERS AND GUTTERS.
16. SEE ARCHITECTURAL WALL SECTIONS AND ROOF DETAILS FOR ADDITIONAL DETAILS.
17. SEE MECHANICAL DRAWINGS FOR ROOF TOP EQUIPMENT LOCATIONS, CURBS, PENETRATIONS, AND REQUIREMENTS AND CURB DETAILS. PROVIDE GUSSETS AND CRICKETS AS REQUIRED AROUND ALL MECHANICAL ROOF TOP EQUIPMENT.
18. SEE PLUMBING DRAWING FOR VENT STACK LOCATIONS, AND PIPING OF ROOF BACK-UP OVERFLOW SCUPPERS AND DOWNSPOUTS.
19. ALL GUTTERS DISCHARGING ONTO LOWER ROOFS TO RECEIVE SPLASH BLOCKS ON 3X3 WALKWAY PAD BELOW DISCHARGING AREA.
20. ALL ROOF NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A MINIMUM FORCE OF 300 POUNDS PER LINEAR FOOT. REFER TO FACTORY MUTUAL DATA SHEET 1-49.
21. ROOFING VAPOR BARRIER SHALL BE SEALED AT ALL EDGES.
22. REFERENCE ROOFING SPECIFICATIONS FOR ENTIRE ROOF SYSTEM PERFORMANCE CRITERIA.
23. **ROOFING CONTRACTORS MUST USE MANUFACTURER'S STANDARD DETAILS FOR SELECTED ROOFING SYSTEM INSTALLATION AS REQUIRED, AT NO ADDITIONAL COST TO THE PROJECT.**

ROOF LEGEND

- SLOPE — INDICATES ROOF DOWN SLOPE
- WALKWAY PAD
- ICE AND WATER SHIELD
- AREAS OF EXISTING ROOFING TO BE REPLACED
- EXPANSION JOINTS

True Project

0' 2' 4' 8' 16' 32' 48'

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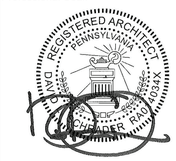


Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

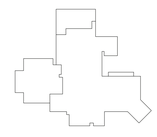
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

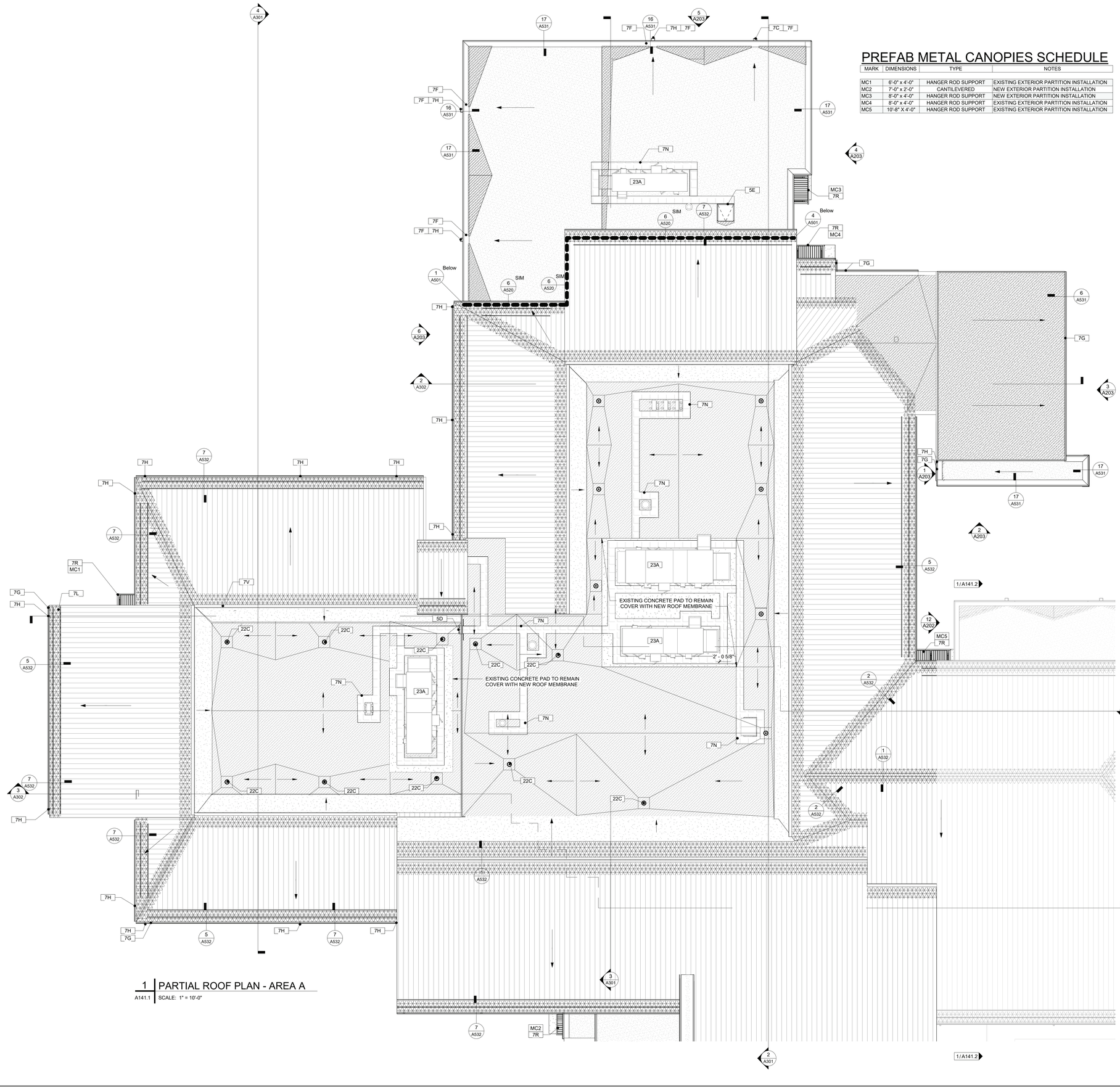
SGA PROJECT NUMBER: 23-029

Key Plan:



Drawing Title:
COMPOSITE ROOF PLAN

Drawing Number:
A141



1 PARTIAL ROOF PLAN - AREA A
A141.1 SCALE: 1" = 10'-0"

PREFAB METAL CANOPIES SCHEDULE

MARK	DIMENSIONS	TYPE	NOTES
MC1	6'-0" x 4'-0"	HANGER ROD SUPPORT	EXISTING EXTERIOR PARTITION INSTALLATION
MC2	7'-0" x 2'-0"	CANTILEVERED	NEW EXTERIOR PARTITION INSTALLATION
MC3	8'-0" x 4'-0"	HANGER ROD SUPPORT	NEW EXTERIOR PARTITION INSTALLATION
MC4	8'-0" x 4'-0"	HANGER ROD SUPPORT	EXISTING EXTERIOR PARTITION INSTALLATION
MC5	10'-8" X 4'-0"	HANGER ROD SUPPORT	EXISTING EXTERIOR PARTITION INSTALLATION

GENERAL ROOF NOTES

1. REVIEW ALL CONTRACT DOCUMENTS RELATING TO THE ROOF SYSTEM PRIOR TO BEGINNING WORK.
2. CERTIFY THAT ALL ROOFING AND SUBSTRATE MATERIALS ARE CHEMICALLY AND PHYSICALLY COMPATIBLE WITH EACH OTHER AND THE ROOFING SYSTEM.
3. GUARANTEE THAT THE ROOFING SYSTEM IS DESIGNED APPROPRIATELY TO BE CERTIFIED FOR THE REQUESTED WARRANTY PERIOD.
4. SHOW PROOF THAT THE ROOFING CONTRACTOR IS AN APPROVED APPLICATOR OF THE ROOFING SYSTEM TO BE INSTALLED.
5. PROVIDE CERTIFICATION FROM THE ROOFING MANUFACTURER THAT ALL MATERIALS USED IN ROOFING SYSTEMS ARE COVERED IN THE WARRANTY.
6. PROVIDE A DAILY REPORT TO THE ARCHITECT COVERING:
   - ROOF DECK CONDITIONS
   - LAYOUT AND ATTACHMENT OF INSULATION
   - WEATHER CONDITIONS
   - SIZE OF CREW
   - EQUIPMENT USED
7. INSTALL ALL ROOFING MATERIALS IN ACCORDANCE WITH ROOFING INDUSTRY RECOMMENDED STANDARDS AND PRACTICES.
8. VERIFY THE CONDITION OF THE ROOF DECK PRIOR TO BEGINNING WORK AND NOTIFY ARCHITECT OF ANY ADVERSE CONDITIONS REQUIRING ATTENTION.
9. PROVIDE PROPER COORDINATION AND APPLICATION OF FASTENERS TO ENSURE THAT NO FASTENER PROTRUDES THROUGH EXPOSED ROOF DECKING.
10. ROOF FASTENERS AT EXPOSED ACOUSTIC DECK AREAS SHALL NOT PENETRATE BOTTOM (EXPOSED SURFACE) OF THE DECK FLUTE. SEE REFLECTED CEILING PLANS FOR LOCATIONS.
11. CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER CONTRACTORS REGARDING LOCATION AND SEALING OF ROOF TOP PENETRATIONS.
12. ALL ROOF SLOPES NOTED ARE INDICATED BY ARROWS WHICH ARE DIRECTED DOWNWARD. FLAT ROOF SLOPES SHALL BE 1/4-INCH PER FOOT MINIMUM.
13. EXISTING (EXG) ROOF SLOPE VALUES ARE APPROXIMATIONS.
14. ALL PARAPET METAL COPING SHALL SLOPE DOWNWARD TO THE ROOF. SEE SECTIONS FOR EXACT CONSTRUCTION.
15. PROVIDE AND INSTALL TAPERED INSULATION TO ACHIEVE POSITIVE SLOPE (MIN 1/4"/1'-0") OF ROOF SURFACE TO DRAINS SCUPPERS AND GUTTERS.
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18. SEE PLUMBING DRAWING FOR VENT STACK LOCATIONS, AND PIPING OF ROOF BACK-UP OVERFLOW SCUPPERS AND DOWNSPOUTS.
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21. ROOFING VAPOR BARRIER SHALL BE SEALED AT ALL EDGES.
22. REFERENCE ROOFING SPECIFICATIONS FOR ENTIRE ROOF SYSTEM PERFORMANCE CRITERIA.
23. **ROOFING CONTRACTORS MUST USE MANUFACTURER'S STANDARD DETAILS FOR SELECTED ROOFING SYSTEM INSTALLATION AS REQUIRED, AT NO ADDITIONAL COST TO THE PROJECT.**

ROOF LEGEND

- SLOPE — INDICATES ROOF DOWN SLOPE
- WALKWAY PAD
- ICE AND WATER SHIELD
- AREAS OF EXISTING ROOFING TO BE REPLACED
- EXPANSION JOINTS
- METAL STANDING SEAM ROOFING
- SINGLE PLY ROOFING MEMBRANE
- SINGLE PLY ROOFING OVER TAPERED INSULATION

KEYNOTE SCHEDULE

#	DESCRIPTION
5D	ROOF ACCESS LADDER
5E	ROOF HATCH WITH SAFETY RAILING SYSTEM
7C	ALUMINUM FASCIA SYSTEM, PRE-FINISHED
7F	ALUMINUM SCUPPER, PRE-FINISHED (BY RC)
7G	ALUMINUM 8" SMACNA "F" STYLE BOX GUTTER (BY RC)
7H	ALUMINUM 4"X4" DOWNSPOUT, PRE-FINISHED (BY RC)
7L	SNOW RETENTION SYSTEM (BY RC)
7N	MEMBRANE REINFORCED WALKWAY (BY RC)
7R	PREFABRICATED METAL CANOPY ASSEMBLY
7V	RIDGE VENT
22C	ROOF DRAIN (BP PC)
23A	MECHANICAL ROOF TOP UNIT (BY MC) SEE MECH DWGS

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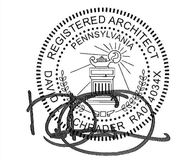

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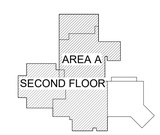
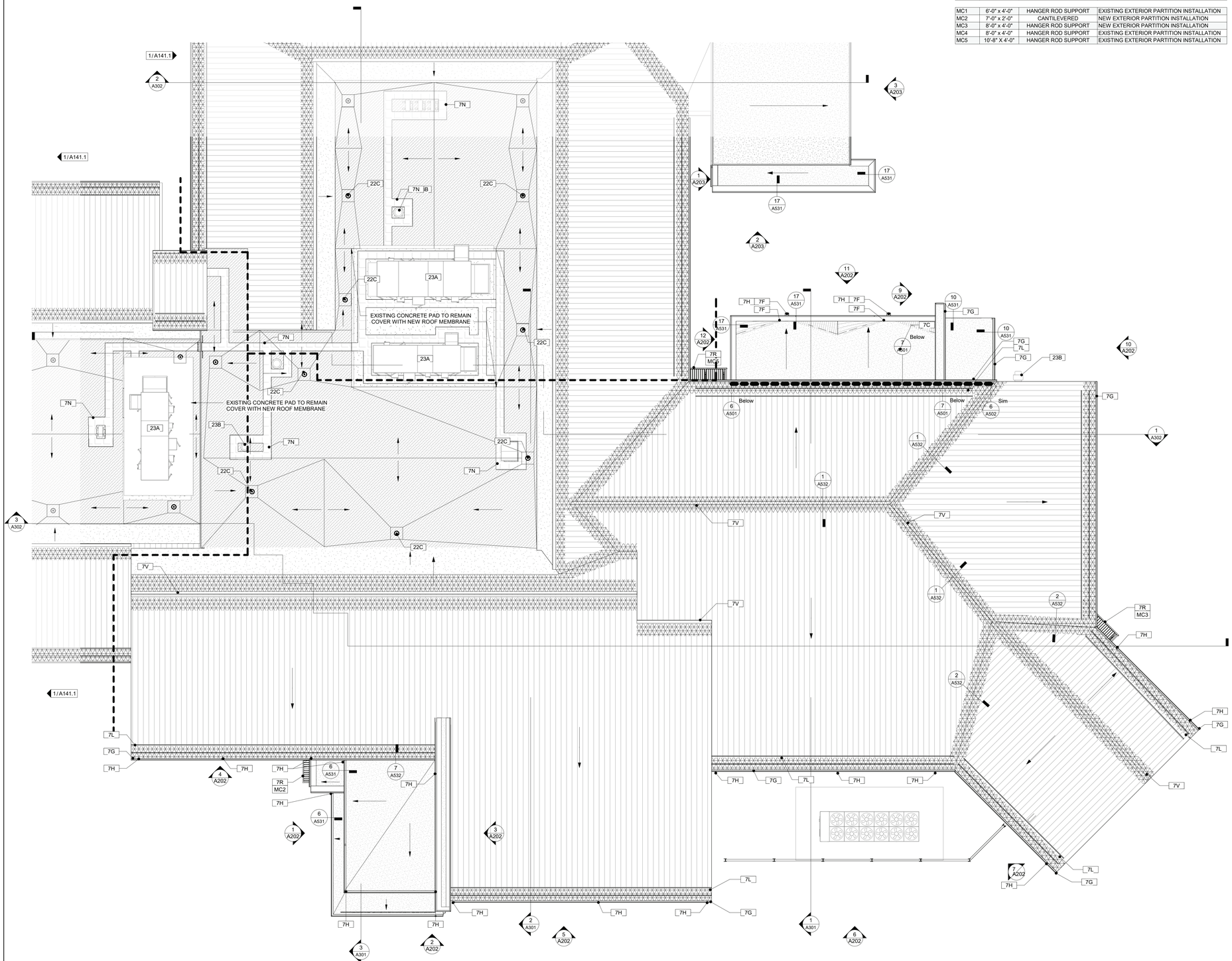


Drawing Title:
PARTIAL ROOF PLAN - AREA A

Drawing Number:
A141.1



1 PARTIAL ROOF PLAN - AREA B

A141.2 SCALE: 1" = 10'-0"

PREFAB METAL CANOPIES SCHEDULE

MARK	DIMENSIONS	TYPE	NOTES
MC1	6'-0" x 4'-0"	HANGER ROD SUPPORT	EXISTING EXTERIOR PARTITION INSTALLATION
MC2	7'-0" x 2'-0"	CANTILEVERED	NEW EXTERIOR PARTITION INSTALLATION
MC3	8'-0" x 4'-0"	HANGER ROD SUPPORT	NEW EXTERIOR PARTITION INSTALLATION
MC4	8'-0" x 4'-0"	HANGER ROD SUPPORT	EXISTING EXTERIOR PARTITION INSTALLATION
MC5	10'-8" X 4'-0"	HANGER ROD SUPPORT	EXISTING EXTERIOR PARTITION INSTALLATION

GENERAL ROOF NOTES

1. REVIEW ALL CONTRACT DOCUMENTS RELATING TO THE ROOF SYSTEM PRIOR TO BEGINNING WORK.
2. CERTIFY THAT ALL ROOFING AND SUBSTRATE MATERIALS ARE CHEMICALLY AND PHYSICALLY COMPATIBLE WITH EACH OTHER AND THE ROOFING SYSTEM.
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   - LAYOUT AND ATTACHMENT OF INSULATION
   - WEATHER CONDITIONS
   - SIZE OF CREW
   - EQUIPMENT USED
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10. ROOF FASTENERS AT EXPOSED ACOUSTIC DECK AREAS SHALL NOT PENETRATE BOTTOM (EXPOSED SURFACE) OF THE DECK FLUTE. SEE REFLECTED CEILING PLANS FOR LOCATIONS.
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ROOF LEGEND

- SLOPE — INDICATES ROOF DOWN SLOPE
- WALKWAY PAD
- ICE AND WATER SHIELD
- AREAS OF EXISTING ROOFING TO BE REPLACED
- EXPANSION JOINTS
- METAL STANDING SEAM ROOFING
- SINGLE PLY ROOFING MEMBRANE
- SINGLE PLY ROOFING OVER TAPERED INSULATION

KEYNOTE SCHEDULE

#	DESCRIPTION
7C	ALUMINUM FASCIA SYSTEM, PRE-FINISHED
7F	ALUMINUM SCUPPER, PRE-FINISHED (BY RC)
7G	ALUMINUM 8" SMACNA "F" STYLE BOX GUTTER (BY RC)
7H	ALUMINUM 4"X4" DOWNSPOUT, PRE-FINISHED (BY RC)
7L	SNOW RETENTION SYSTEM (BY RC)
7N	MEMBRANE REINFORCED WALKWAY (BY RC)
7R	PREFABRICATED METAL CANOPY ASSEMBLY
7V	RIDGE VENT
22C	ROOF DRAIN (BP PC)
23A	MECHANICAL ROOF TOP UNIT (BY MC) SEE MECH DWGS
23B	EXHAUST FAN (BY MC) SEE MECH DWGS

True Project

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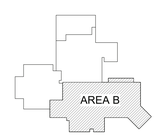
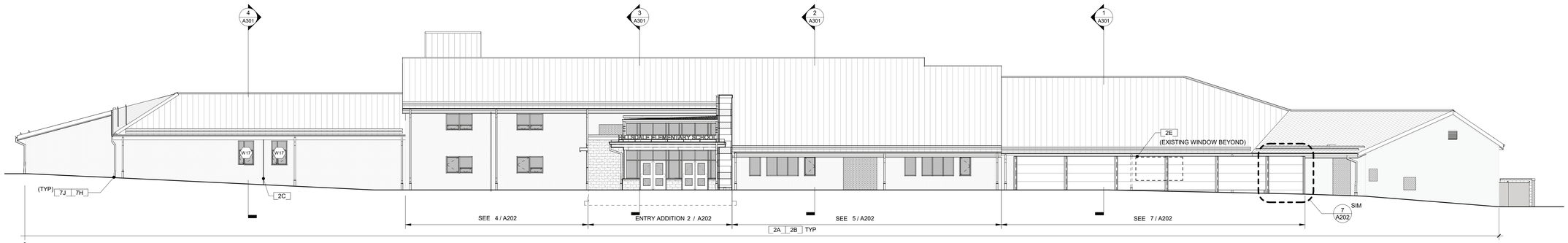
Key Plan:

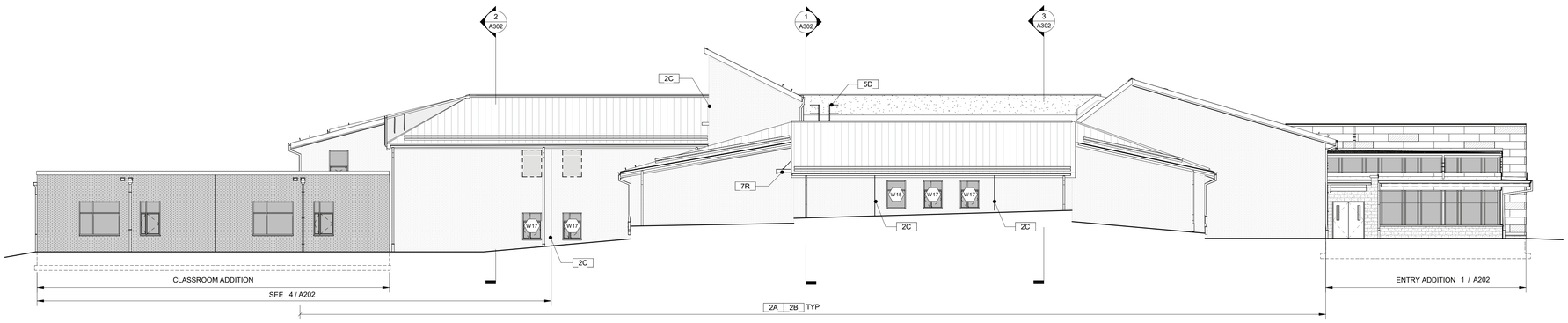


Drawing Title:
PARTIAL ROOF PLAN - AREA B

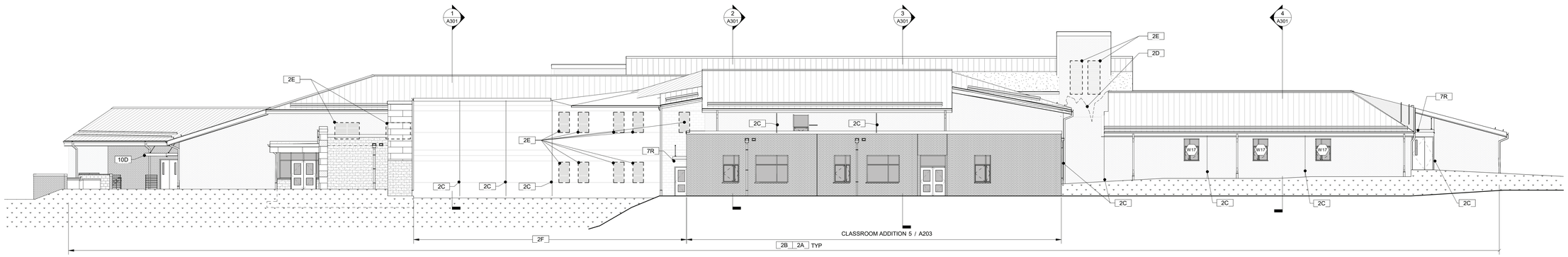
Drawing Number:
A141.2



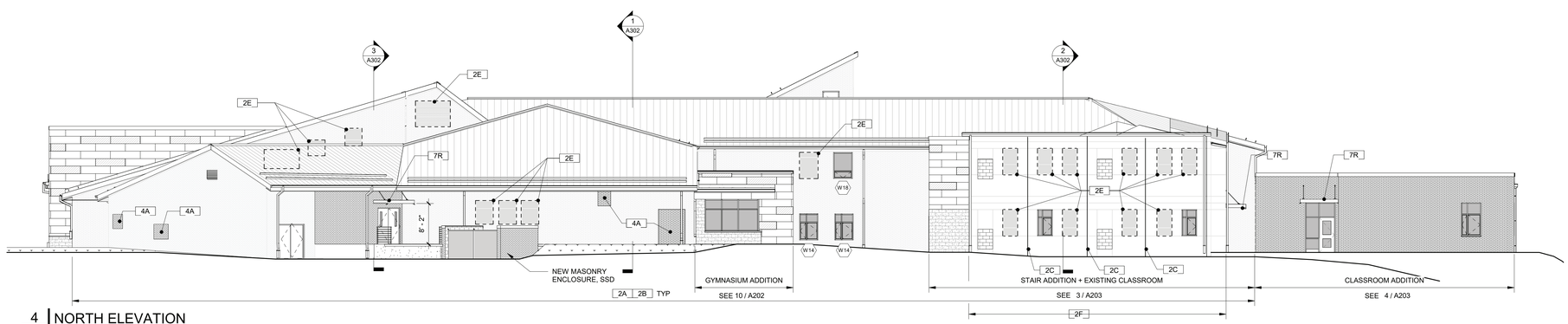
1 EAST ELEVATION
A201 SCALE: 3/32" = 1'-0"



2 SOUTH ELEVATION
A201 SCALE: 3/32" = 1'-0"



3 WEST ELEVATION
A201 SCALE: 3/32" = 1'-0"



4 NORTH ELEVATION
A201 SCALE: 3/32" = 1'-0"

ELEVATION GENERAL NOTES

1. SEE CIVIL DRAWINGS FOR PROPOSED PERIMETER GRADING.
2. SEE STRUCTURAL DRAWINGS FOR FOOTING AND FOUNDATION REQUIREMENTS AND FOR ALL STRUCTURAL SIZES AND INFORMATION.
3. ALL MASONRY VENEER SHELVES TO TERMINATE A MINIMUM OF 8-INCHES BELOW PROPOSED FINISHED GRADE.
4. ALL MASONRY WEEP HOLES MUST BE LOCATED ABOVE GRADE, CONCRETE WALKS, PAVEMENT, MULCH, ETC. AND TO REMAIN UNCOVERED AND FREE TO DRAIN IN ALL CIRCUMSTANCES. CONTRACTOR IN CHARGE OF MASONRY WORK IS RESPONSIBLE FOR COORDINATING WITH ALL CIVIL WORK.
5. ALL EXTERIOR WINDOWS, DOORS, LOUVERS, VENTS, EXHAUST FANS, PIPE PENETRATIONS, AND ALL OTHER EXTERIOR WALL PENETRATIONS SHALL BE SEALED AROUND ENTIRE PERIMETER WITH SEALANT. (BOTH ON EXTERIOR AND INTERIOR SIDES), UNLESS OTHERWISE NOTED.
6. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL WEEP JOINTS AROUND WINDOWS AND EXTRUDED ALUM STORE FRONTS FREE OF CAULK.
7. PROVIDE CONTROL JOINTS IN BRICK VENEER AS INDICATED ON ELEVATIONS. PROVIDE / INSTALL BACKER ROD AND SEALANT (COLOR AS SELECTED BY ARCHITECT) AT ALL CONTROL JOINTS.

KNOX BOX BOD: KNOX COMPANY COMMERCIAL KNOXBOX 320 RECESS MOUNT, HINGED DOOR, ALUMINUM TAMPER ALERT MODEL 3273NC

KEYNOTE SCHEDULE

#	DESCRIPTION
2A	ALL EXPOSED EXISTING BRICK MASONRY, CLEAN ACCORDING TO MASONRY CLEANING SPECIFICATIONS. REMOVE ANY PAINT, STAINS, OR DISCOLORATION USING ADDITIONAL METHODS OUTLINED IN THE SPECIFICATIONS. REPAIR OR REPLACE DAMAGED AREAS, INCLUDING FILLING HOLES, FIXING DEFECTS, AND REPLACING CRACKED OR SPALLED BRICK. MATCH EXISTING BRICK COLOR.
2B	REPAIR ALL CRACKED OR DETERIORATED MORTAR JOINTS, AT ALL EXISTING BRICK MASONRY TO REMAIN AND EXPOSED TO VIEW, PER MASONRY REPOINTING SPECIFICATION. MATCH EXISTING MORTAR COLOR.
2C	REMOVE ALL EXISTING SEALANT JOINTS. PREPARE JOINTS AND INSTALL NEW SEALANT WITH BACKER ROD
2D	REMOVE EXISTING WALL VEGETATION FROM THE BRICK SURFACE BEFORE CLEANING. EVALUATE THE BRICK CONDITION AFTER REMOVAL FOR REQUIRED REPOINTING AND REPAIRS
2E	REMOVE ALL EXISTING JOINT SEALANT FROM EXISTING WINDOW (OR LOUVER) TO REMAIN. PREPARE FRAME AND JOINT FOR NEW SEALANT AND INSTALL NEW SEALANT AT PERIMETER.
2F	CLEAN AND REPAINT EXISTING CONCRETE MODULAR WALLS AND ASSOCIATED EIFS WALLS. PREPARE SURFACES AS REQUIRED FOR NEW PAINT APPLICATION.
4A	BRICK VENEER MASONRY, INFILL TO MATCH EXISTING
5D	ROOF ACCESS LADDER
7H	ALUMINUM 4"X4" DOWNSPOUT, PRE-FINISHED (BY RC)
7J	CAST-IRON METAL DOWNSPOUT BOOT (BY SC)
7R	PREFABRICATED METAL CANOPY ASSEMBLY
10D	PREFABRICATED METAL CANOPY

0' 4' 8' 16' 32'

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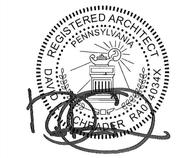

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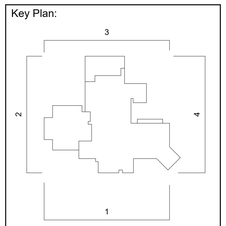
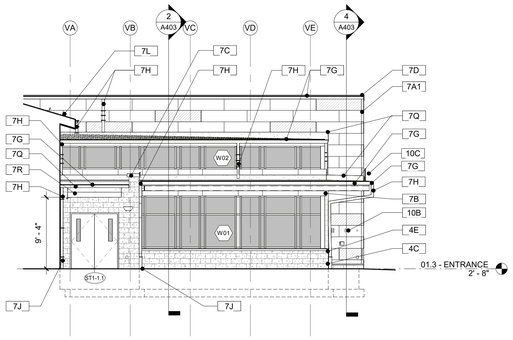


Drawing Title:

COMPOSITE BUILDING ELEVATIONS

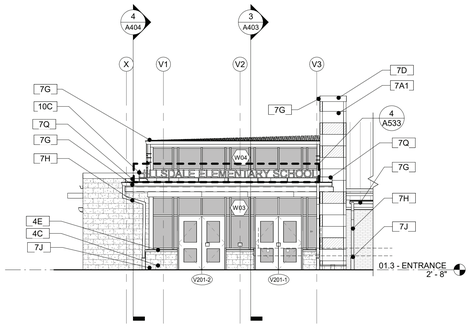
Drawing Number:

A201



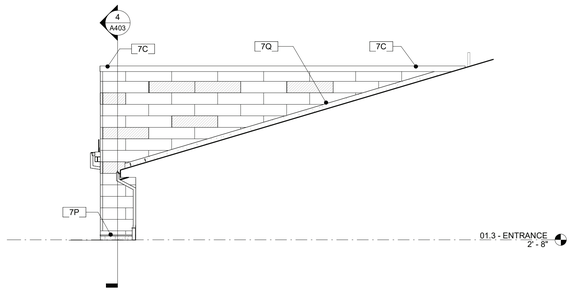
1 ENTRY ADDITION SOUTH ELEVATION

A202 SCALE: 1/8" = 1'-0"



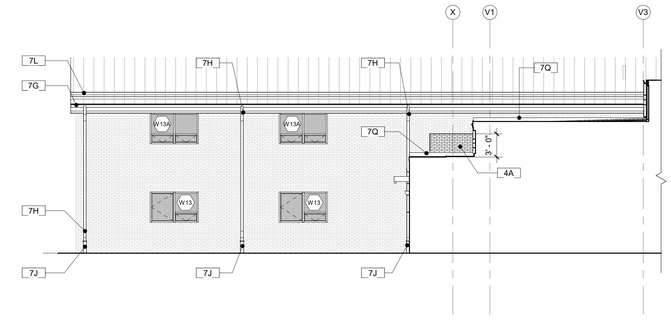
2 ENTRY ADDITION EAST ELEVATION

A202 SCALE: 1/8" = 1'-0"



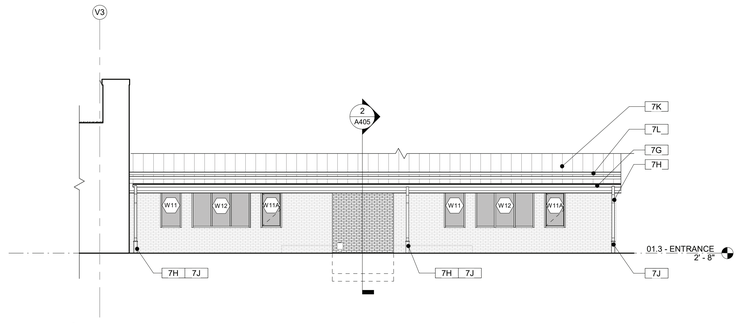
3 ENTRY ADDITION NORTH ELEVATION

A202 SCALE: 1/8" = 1'-0"



4 PARTIAL EAST ELEVATION

A202 SCALE: 1/8" = 1'-0"



5 PARTIAL ENTRY EAST ELEVATION

A202 SCALE: 1/8" = 1'-0"

ELEVATION GENERAL NOTES

1. SEE CIVIL DRAWINGS FOR PROPOSED PERIMETER GRADING.
2. SEE STRUCTURAL DRAWINGS FOR FOOTING AND FOUNDATION REQUIREMENTS AND FOR ALL STRUCTURAL SIZES AND INFORMATION.
3. ALL MASONRY VENEER SHELVES TO TERMINATE A MINIMUM OF 8-INCHES BELOW PROPOSED FINISHED GRADE.
4. ALL MASONRY WEEP HOLES MUST BE LOCATED ABOVE GRADE, CONCRETE WALKS, PAVEMENT, MULCH, ETC. AND TO REMAIN UNCOVERED AND FREE TO DRAIN IN ALL CIRCUMSTANCES. CONTRACTOR IN CHARGE OF MASONRY WORK IS RESPONSIBLE FOR COORDINATING WITH ALL CIVIL WORK.
5. ALL EXTERIOR WINDOWS, DOORS, LOUVERS, VENTS, EXHAUST FANS, PIPE PENETRATIONS, AND ALL OTHER EXTERIOR WALL PENETRATIONS SHALL BE SEALED AROUND ENTIRE PERIMETER WITH SEALANT (BOTH ON EXTERIOR AND INTERIOR SIDES), UNLESS OTHERWISE NOTED.
6. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL WEEP JOINTS AROUND WINDOWS AND EXTRUDED ALUM STORE FRONTS FREE OF CAULK.
7. PROVIDE CONTROL JOINTS IN BRICK VENEER AS INDICATED ON ELEVATIONS. PROVIDE / INSTALL BACKER ROD AND SEALANT (COLOR AS SELECTED BY ARCHITECT) AT ALL CONTROL JOINTS.

KNOX BOX BOD: KNOX COMPANY COMMERCIAL KNOXBOX 320 RECESS MOUNT, HINGED DOOR, ALUMINUM TAMPER ALERT MODEL 3273NC

ELEVATION LEGEND

- GLAZING - CLEAR
- GLAZING - CLEAR
- BRICK - MODULAR
  COLOR: SUNSET CLEAR W/C GRAPHITE (BY CHURCH / BOWERSTON)
  MORTAR: WR2320-BIRCH
- GROUND FACE BLOCK (EXTERIOR)
  COLOR: ASH (BY CHURCH / YORK)
  MORTAR: WR193
- CEMENTITIOUS PANEL
  FIELD COLOR: NICKEL (BY NICHIHA)
- CEMENTITIOUS PANEL
  ACCENT COLOR: GRAPHITE (BY NICHIHA)

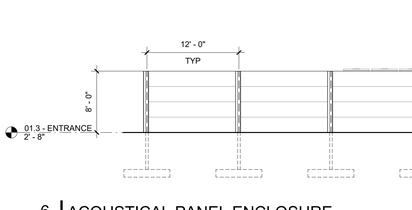
EJ EXPANSION JOINT

CJ CONTROL JOINT

IJ BUILDING ISOLATION JOINT

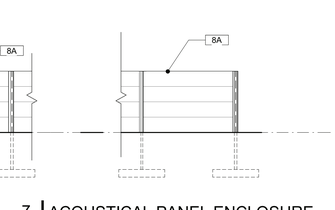
KEYNOTE SCHEDULE

#	DESCRIPTION
2C	REMOVE ALL EXISTING SEALANT JOINTS. PREPARE JOINTS AND INSTALL NEW SEALANT WITH BACKER ROD
2E	REMOVE ALL EXISTING JOINT SEALANT FROM EXISTING WINDOW (OR LOUVER) TO REMAIN. PREPARE FRAME AND JOINT FOR NEW SEALANT AND INSTALL NEW SEALANT AT PERIMETER.
4A	BRICK VENEER MASONRY, INFILL TO MATCH EXISTING
4C	GROUND FACE BLOCK VENEER MASONRY
4E	CAST STONE SILL
5A	STEEL PIPE BOLLARD, CONCRETE FILLED WITH PVC COVER (BY SC)
5C	METAL GUARD RAIL SYSTEM
7A1	FIBER CEMENT PANEL SYSTEM
7B	COMPOSITE METAL WALL PANEL SYSTEM
7C	ALUMINUM FASCIA SYSTEM, PRE-FINISHED
7D	ALUMINUM COPING SYSTEM, PRE-FINISHED
7F	ALUMINUM SCUPPER, PRE-FINISHED (BY RC)
7G	ALUMINUM 8" SMACNA "F" STYLE BOX GUTTER (BY RC)
7H	ALUMINUM 4"X4" DOWNSPOUT, PRE-FINISHED (BY RC)
7J	CAST-IRON METAL DOWNSPOUT BOOT (BY SC)
7K	STANDING SEAM METAL ROOF SYSTEM (BY RC)
7L	SNOW RETENTION SYSTEM (BY RC)
7P	FLASHING
7Q	FLASHING - ROOF TO WALL
7R	PREFABRICATED METAL CANOPY ASSEMBLY
8A	ACOUSTICAL PANEL ENCLOSURE
10B	KNOX BOX, COORDINATE TYPE AND FINAL LOCATION WITH AHJ
10C	DIMENSIONAL LETTER SIGNAGE (CAST CHARACTERS)
10D	PREFABRICATED METAL CANOPY
11E	LOADING DOCK BUMPERS (LAMINATED RUBBER)



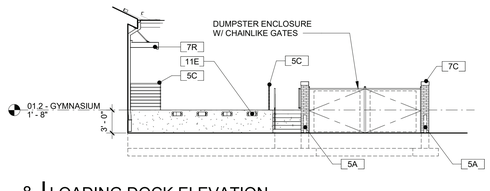
6 ACOUSTICAL PANEL ENCLOSURE

A202 SCALE: 1/8" = 1'-0"



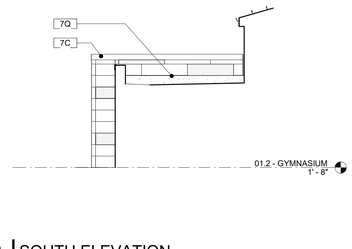
7 ACOUSTICAL PANEL ENCLOSURE

A202 SCALE: 1/8" = 1'-0"



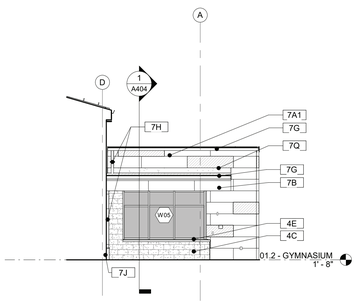
8 LOADING DOCK ELEVATION

A202 SCALE: 1/8" = 1'-0"



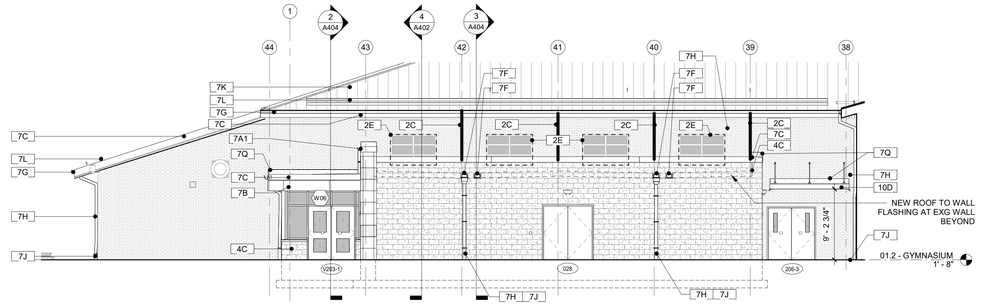
9 SOUTH ELEVATION

A202 SCALE: 1/8" = 1'-0"



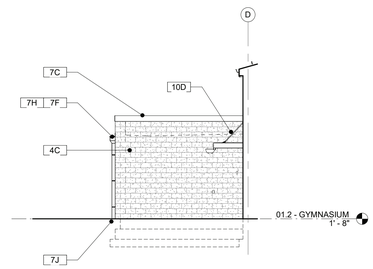
10 GYMNASIUM ADDITION NORTH ELEVATION

A202 SCALE: 1/8" = 1'-0"



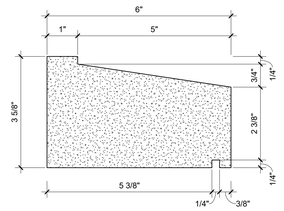
11 GYMNASIUM ADDITION WEST ELEVATION

A202 SCALE: 1/8" = 1'-0"



12 SOUTH ELEVATION

A202 SCALE: 1/8" = 1'-0"



13 TYPICAL CAST STONE SILL DETAIL

A202 SCALE: 6" = 1'-0"

2' 8' 24'
0' 4' 16'

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Structural Engineer

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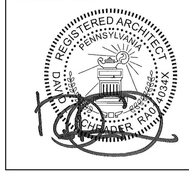
Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:

HILLSDALE ELEMENTARY SCHOOL

725 West Market Street
West Chester, PA 19382

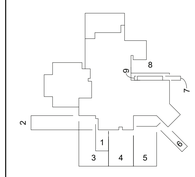
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

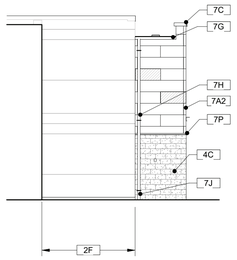


Drawing Title:

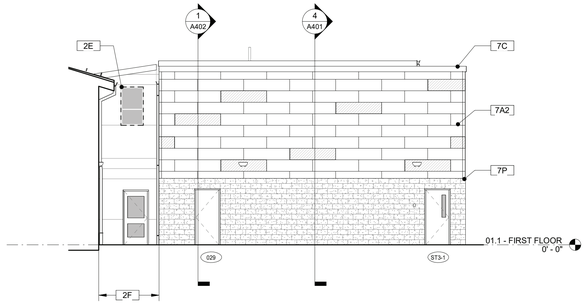
PARTIAL BUILDING ELEVATIONS

Drawing Number:

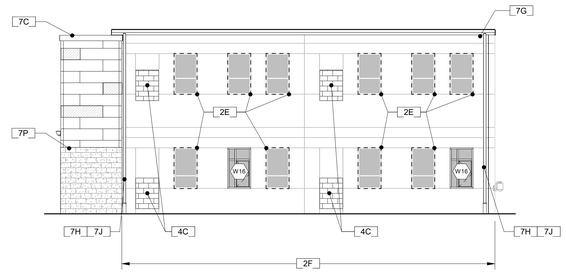
A202



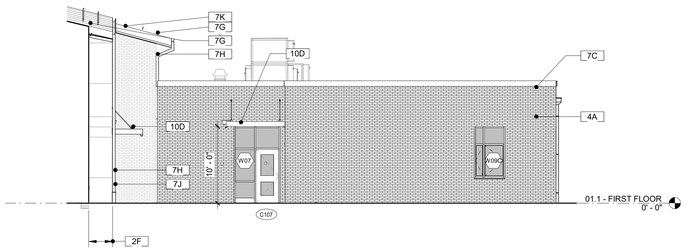
1 STAIR ADDITION - SOUTH ELEVATION
A203 SCALE: 1/8" = 1'-0"



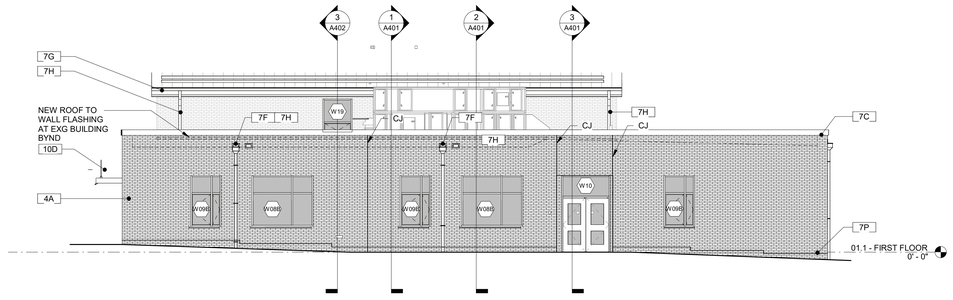
2 STAIR ADDITION - EAST ELEVATION
A203 SCALE: 1/8" = 1'-0"



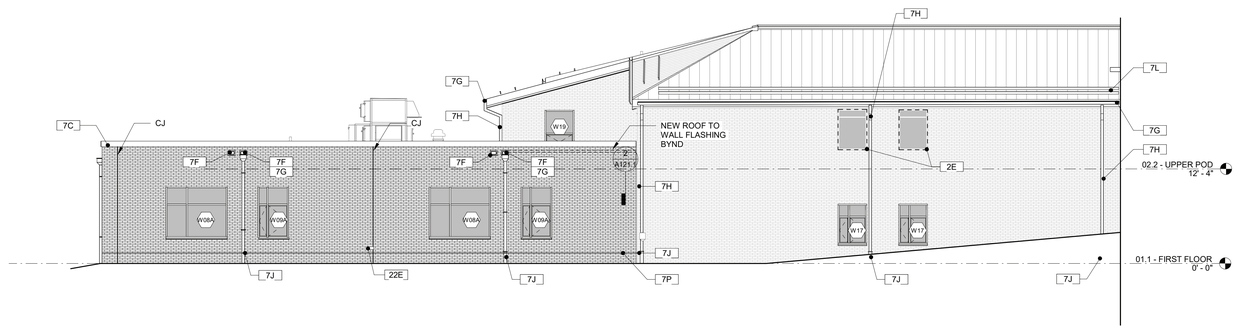
3 STAIR ADDITION - NORTH ELEVATION
A203 SCALE: 1/8" = 1'-0"



4 CLASSROOM ADDITION - NORTH ELEVATION
A203 SCALE: 1/8" = 1'-0"



5 CLASSROOM ADDITION - WEST ELEVATION
A203 SCALE: 1/8" = 1'-0"



6 CLASSROOM ADDITION - SOUTH ELEVATION
A203 SCALE: 1/8" = 1'-0"

ELEVATION GENERAL NOTES

1. SEE CIVIL DRAWINGS FOR PROPOSED PERIMETER GRADING.
2. SEE STRUCTURAL DRAWINGS FOR FOOTING AND FOUNDATION REQUIREMENTS AND FOR ALL STRUCTURAL SIZES AND INFORMATION.
3. ALL MASONRY VENEER SHELVES TO TERMINATE A MINIMUM OF 8-INCHES BELOW PROPOSED FINISHED GRADE.
4. ALL MASONRY WEEP HOLES MUST BE LOCATED ABOVE GRADE, CONCRETE WALKS, PAVEMENT, MULCH, ETC. AND TO REMAIN UNCOVERED AND FREE TO DRAIN IN ALL CIRCUMSTANCES. CONTRACTOR IN CHARGE OF MASONRY WORK IS RESPONSIBLE FOR COORDINATING WITH ALL CIVIL WORK.
5. ALL EXTERIOR WINDOWS, DOORS, LOUVERS, VENTS, EXHAUST FANS, PIPE PENETRATIONS, AND ALL OTHER EXTERIOR WALL PENETRATIONS SHALL BE SEALED AROUND ENTIRE PERIMETER WITH SEALANT (BOTH ON EXTERIOR AND INTERIOR SIDES), UNLESS OTHERWISE NOTED.
6. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL WEEP JOINTS AROUND WINDOWS AND EXTRUDED ALUM STORE FRONTS FREE OF CAULK.
7. PROVIDE CONTROL JOINTS IN BRICK VENEER AS INDICATED ON ELEVATIONS. PROVIDE / INSTALL BACKER ROD AND SEALANT (COLOR AS SELECTED BY ARCHITECT) AT ALL CONTROL JOINTS.

KNOX BOX BOD: KNOX COMPANY COMMERCIAL KNOXBOX 320 RECESS MOUNT, HINGED DOOR, ALUMINUM TAMPER ALERT MODEL 3273NC

ELEVATION LEGEND

- GLAZING - CLEAR
- GLAZING - CLEAR
- BRICK - MODULAR
  COLOR: SUNSET CLEAR W/C GRAPHITE (BY CHURCH / BOWERSTON)
  MORTAR: WR2320-BIRCH
- GROUND FACE BLOCK (EXTERIOR)
  COLOR: ASH (BY CHURCH / YORK)
  MORTAR: WR193
- CEMENTITIOUS PANEL
  FIELD COLOR: NICKEL (BY NICHIHA)
- CEMENTITIOUS PANEL
  ACCENT COLOR: GRAPHITE (BY NICHIHA)

EJ EXPANSION JOINT
CJ CONTROL JOINT
IJ BUILDING ISOLATION JOINT

KEYNOTE SCHEDULE

#	DESCRIPTION
2E	REMOVE ALL EXISTING JOINT SEALANT FROM EXISTING WINDOW (OR LOUVER) TO REMAIN. PREPARE FRAME AND JOINT FOR NEW SEALANT AND INSTALL NEW SEALANT AT PERIMETER.
2F	CLEAN AND REPAINT EXISTING CONCRETE MODULAR WALLS AND ASSOCIATED EIFS WALLS. PREPARE SURFACES AS REQUIRED FOR NEW PAINT APPLICATION.
4A	BRICK VENEER MASONRY, INFILL TO MATCH EXISTING
4C	GROUND FACE BLOCK VENEER MASONRY
7A2	FIBER CEMENT PANEL SYSTEM - 4" SUB FRAMING
7C	ALUMINUM FASCIA SYSTEM, PRE-FINISHED
7F	ALUMINUM SCUPPER, PRE-FINISHED (BY RC)
7G	ALUMINUM 8" SMACNA "F" STYLE BOX GUTTER (BY RC)
7H	ALUMINUM 4"X4" DOWNSPOUT, PRE-FINISHED (BY RC)
7J	CAST-IRON METAL DOWNSPOUT BOOT (BY SC)
7K	STANDING SEAM METAL ROOF SYSTEM (BY RC)
7L	SNOW RETENTION SYSTEM (BY RC)
7P	FLASHING
10D	PREFABRICATED METAL CANOPY
22E	WALL HYDRANT (BY PC) SEE PLUMBING DWGS

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Snyder Hoffman Associates
1005 West Lehigh Street
Bethlehem, PA 18018
(610) 694-8020

Structural Engineer
SCHRADERGROUP
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Lancaster, PA 17602
(717) 299-8965

Professional Seal:

Owner:
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	GC REBID	12/03/2024

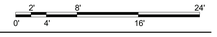
DATE: 12/03/2024

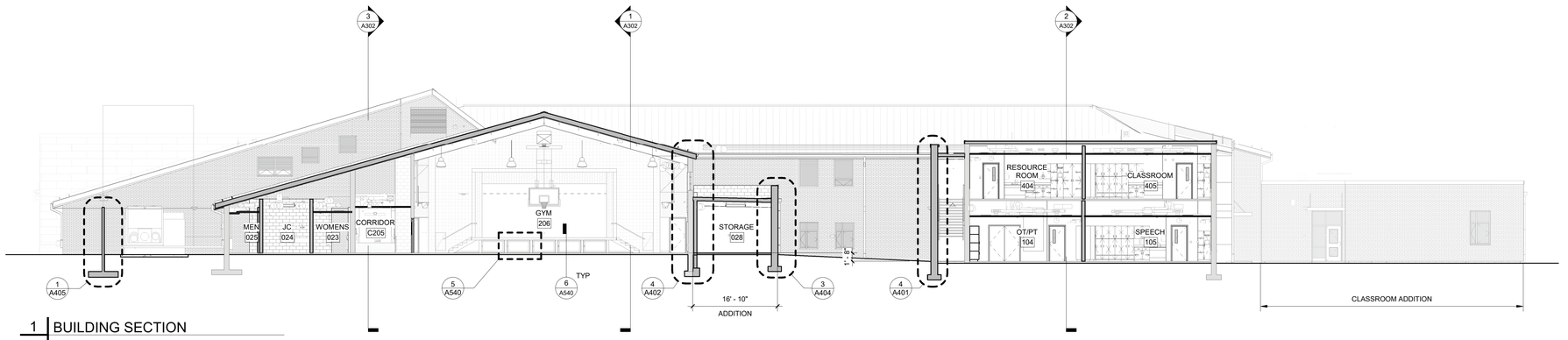
SGA PROJECT NUMBER: 23-029

Key Plan:

Drawing Title:
PARTIAL BUILDING ELEVATIONS

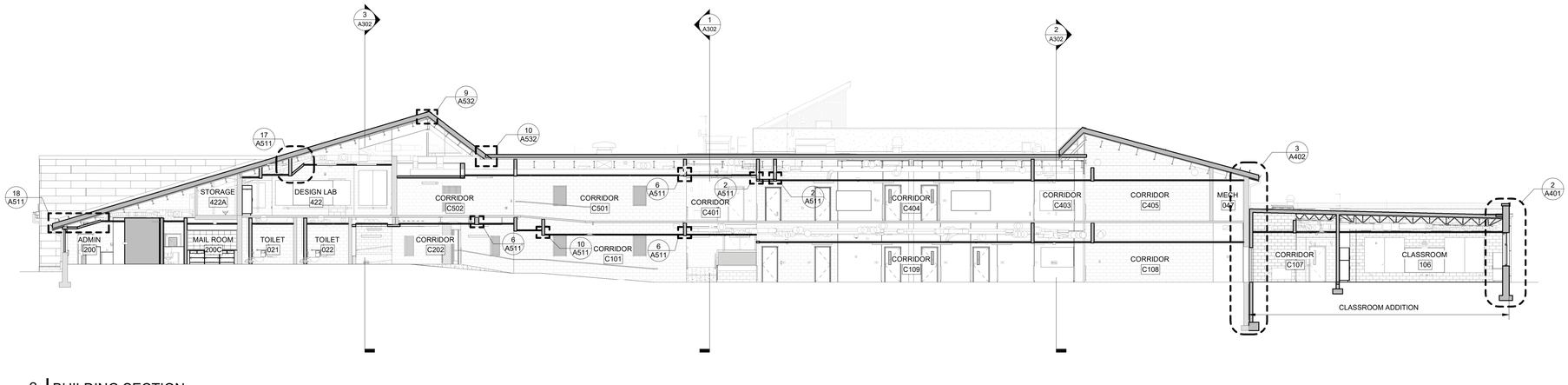
Drawing Number:
A203





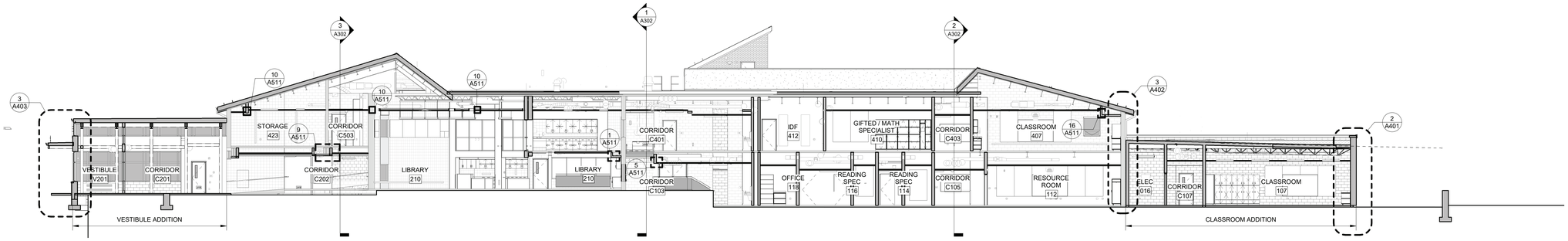
1 BUILDING SECTION

A301 SCALE: 3/32" = 1'-0"



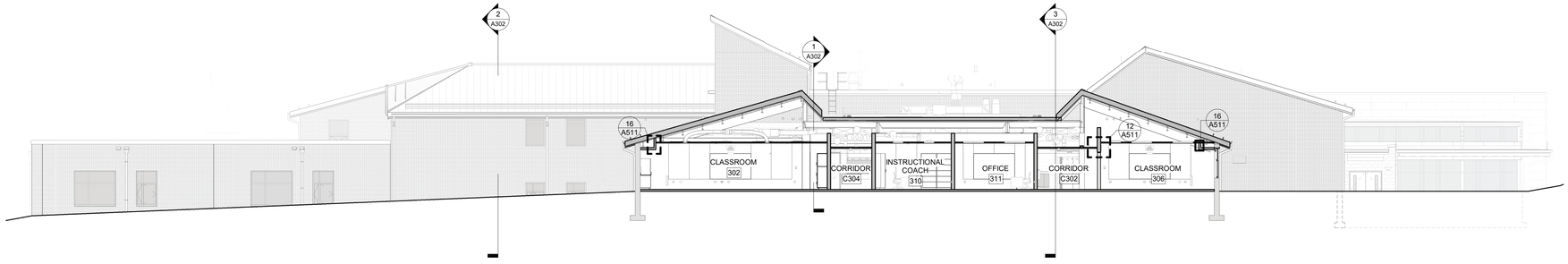
2 BUILDING SECTION

A301 SCALE: 3/32" = 1'-0"



3 BUILDING SECTION

A301 SCALE: 3/32" = 1'-0"



4 BUILDING SECTION

A301 SCALE: 3/32" = 1'-0"

2' 8' 32'
0' 4' 16'

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555 E North Lane, Suite 5100, Building D,
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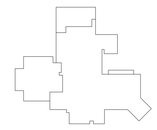
DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

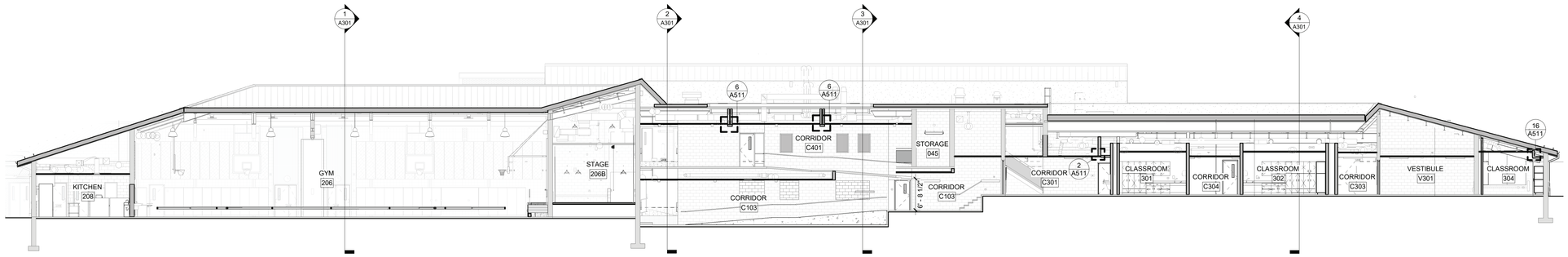


Drawing Title:

BUILDING SECTIONS

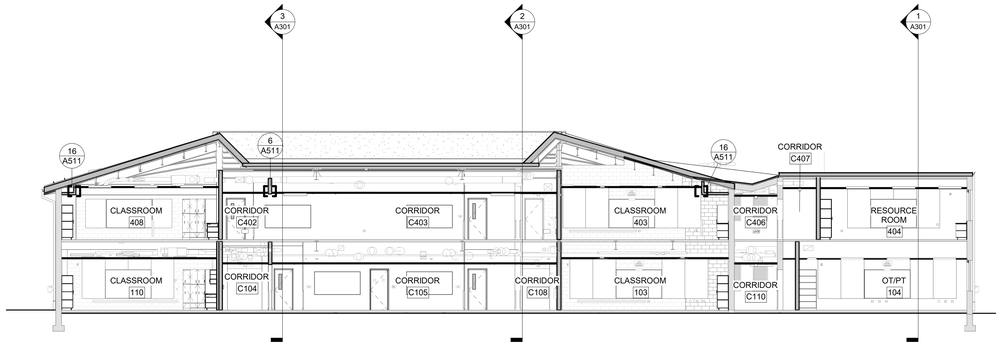
Drawing Number:

A301



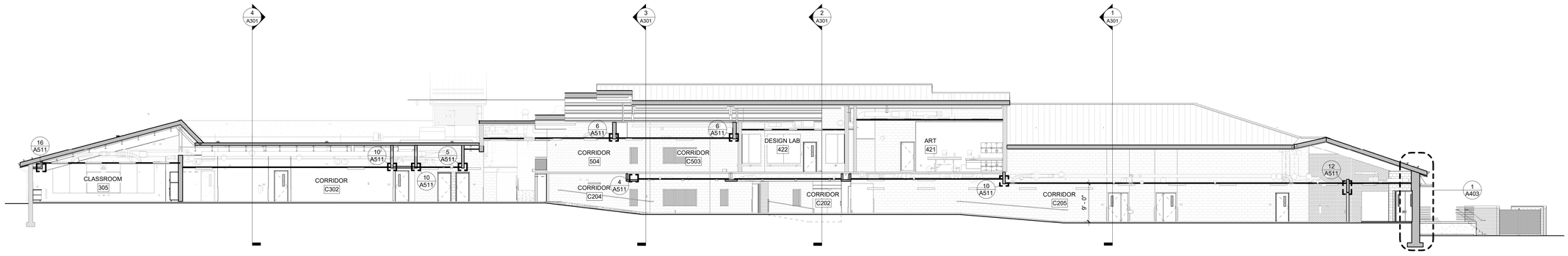
1 BUILDING SECTION

A302 SCALE: 3/32" = 1'-0"



2 BUILDING SECTION

A302 SCALE: 3/32" = 1'-0"



3 BUILDING SECTION

A302 SCALE: 3/32" = 1'-0"

True Project

2' 8' 32'
0' 4' 16'

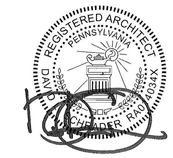
SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
Conshohocken, PA 19428
p: 215 482 7440
f: 215 482 7441
www.sgarc.com

Consultants:
Civil:
T&M Associates
1700 Market Street, Suite 3110
Philadelphia, PA 19103
(215) 282-7850

MEP:
Snyder Hoffman Associates
1005 West Lehigh Street
Bethlehem, PA 18018
(610) 694-8020

Structural Engineer
SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
(717) 299-8965

Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

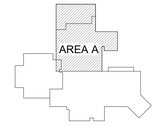
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

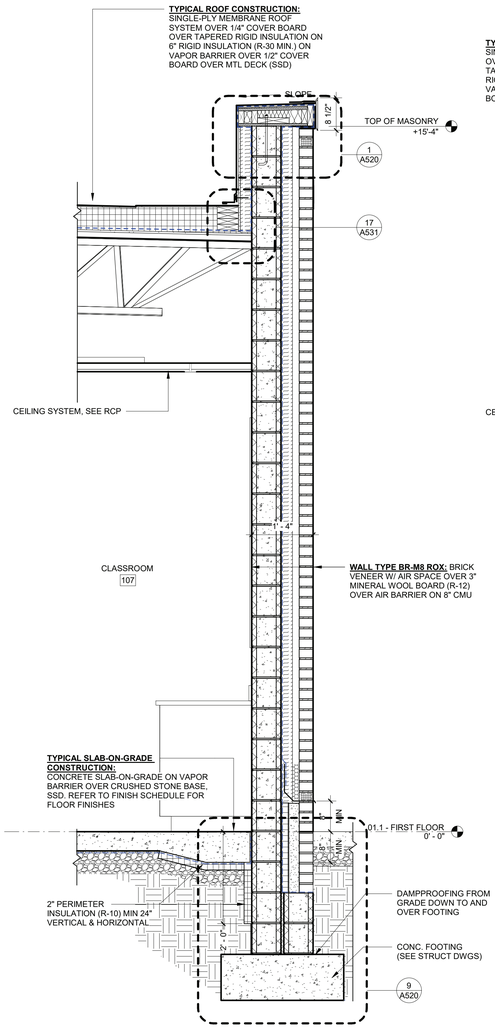
SGA PROJECT NUMBER: 23-029

Key Plan:

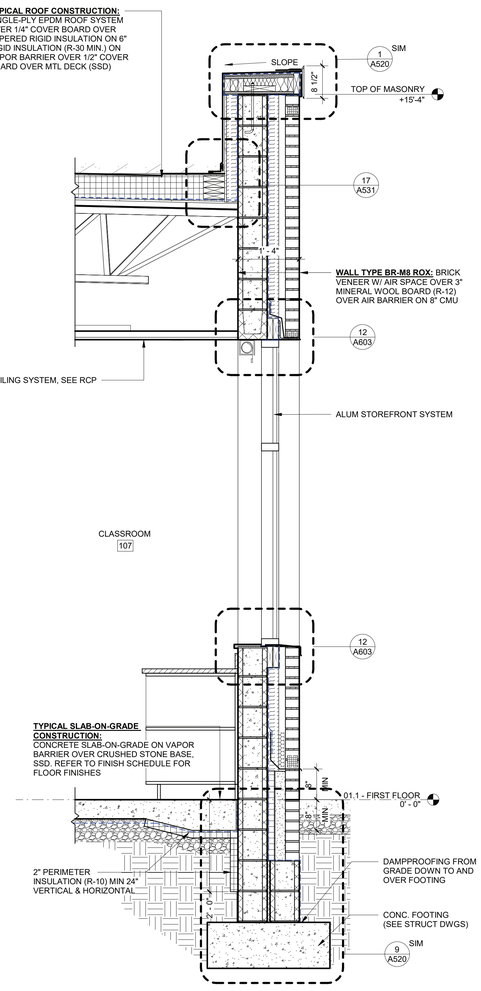


Drawing Title:
BUILDING SECTIONS

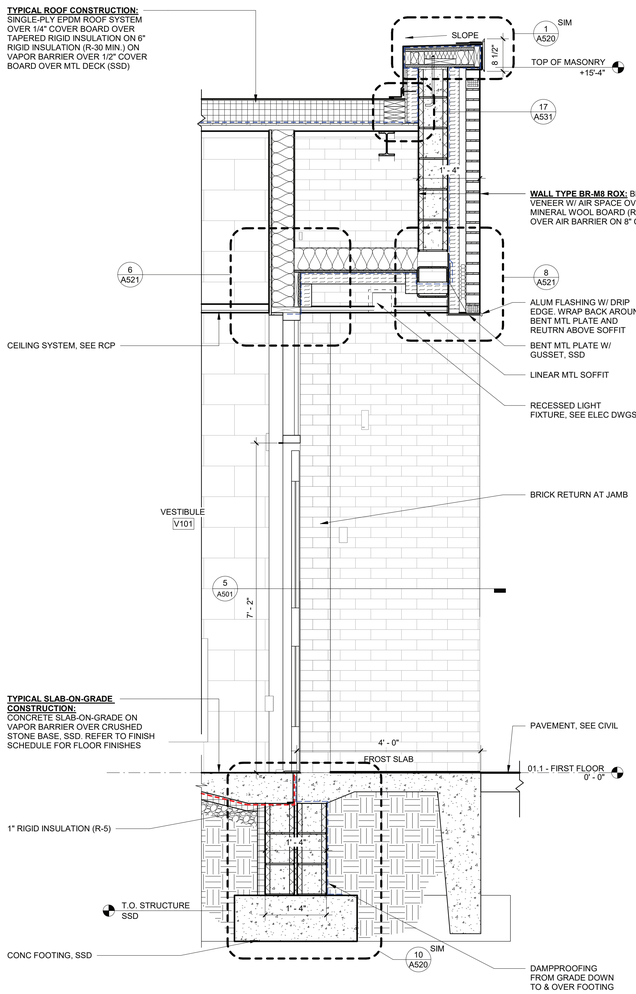
Drawing Number:
A302



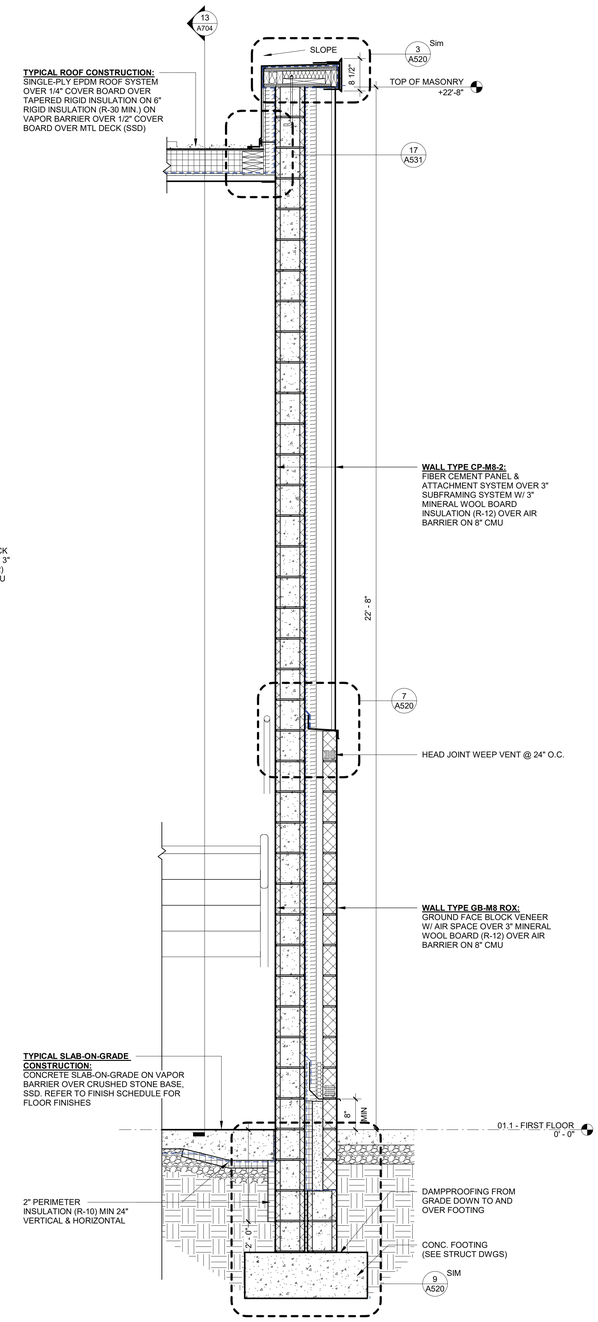
1 WALL SECTION
A401 SCALE: 3/4" = 1'-0"



2 WALL SECTION
A401 SCALE: 3/4" = 1'-0"



3 WALL SECTION
A401 SCALE: 3/4" = 1'-0"



4 WALL SECTION
A401 SCALE: 3/4" = 1'-0"

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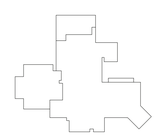
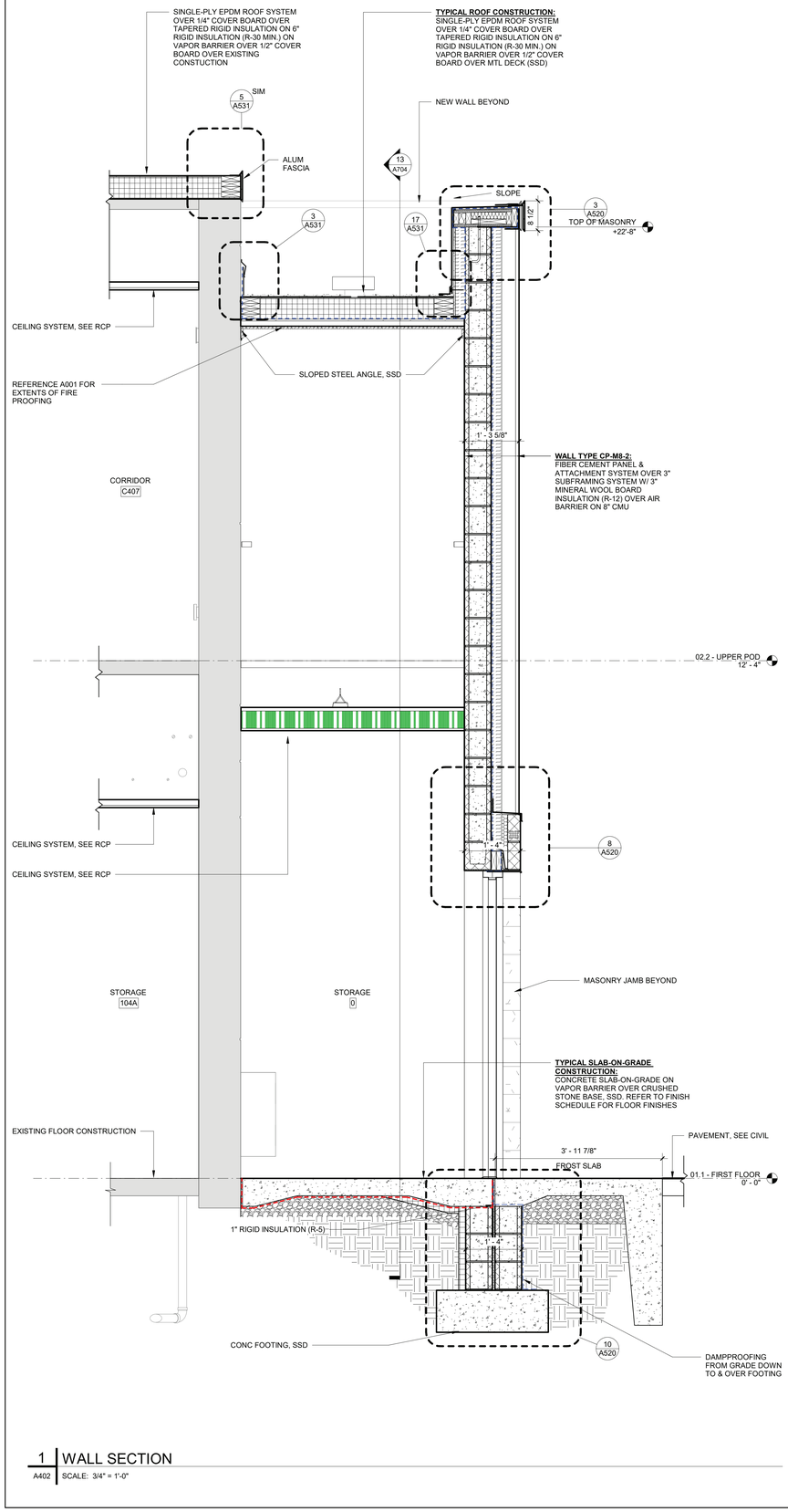


Drawing Title:
WALL SECTIONS

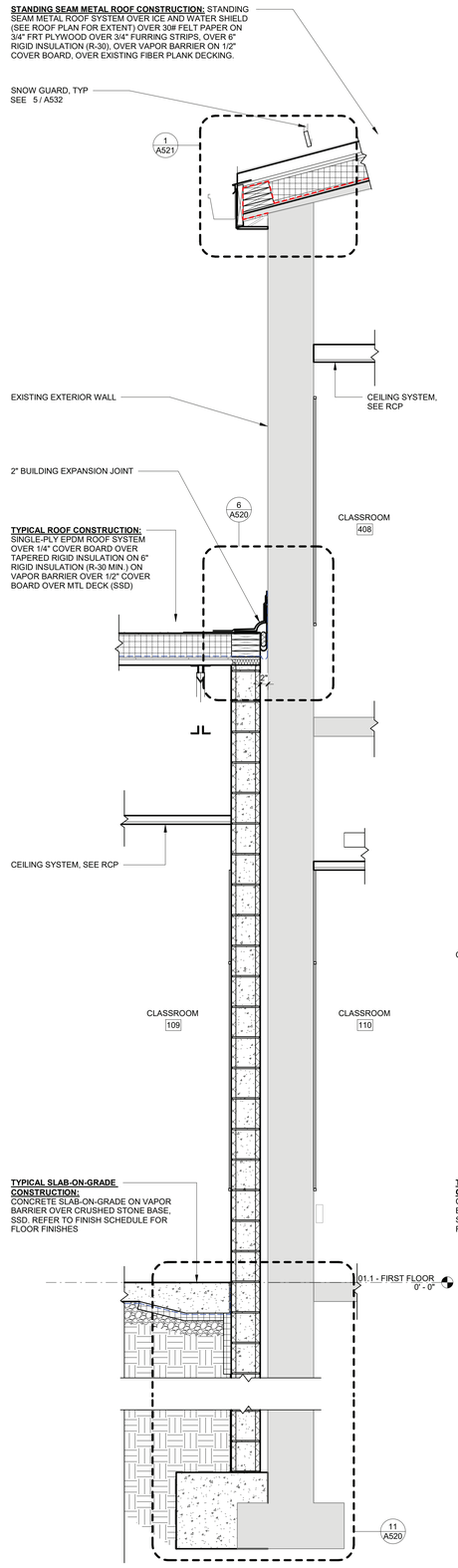
Drawing Number:
A401

True Project

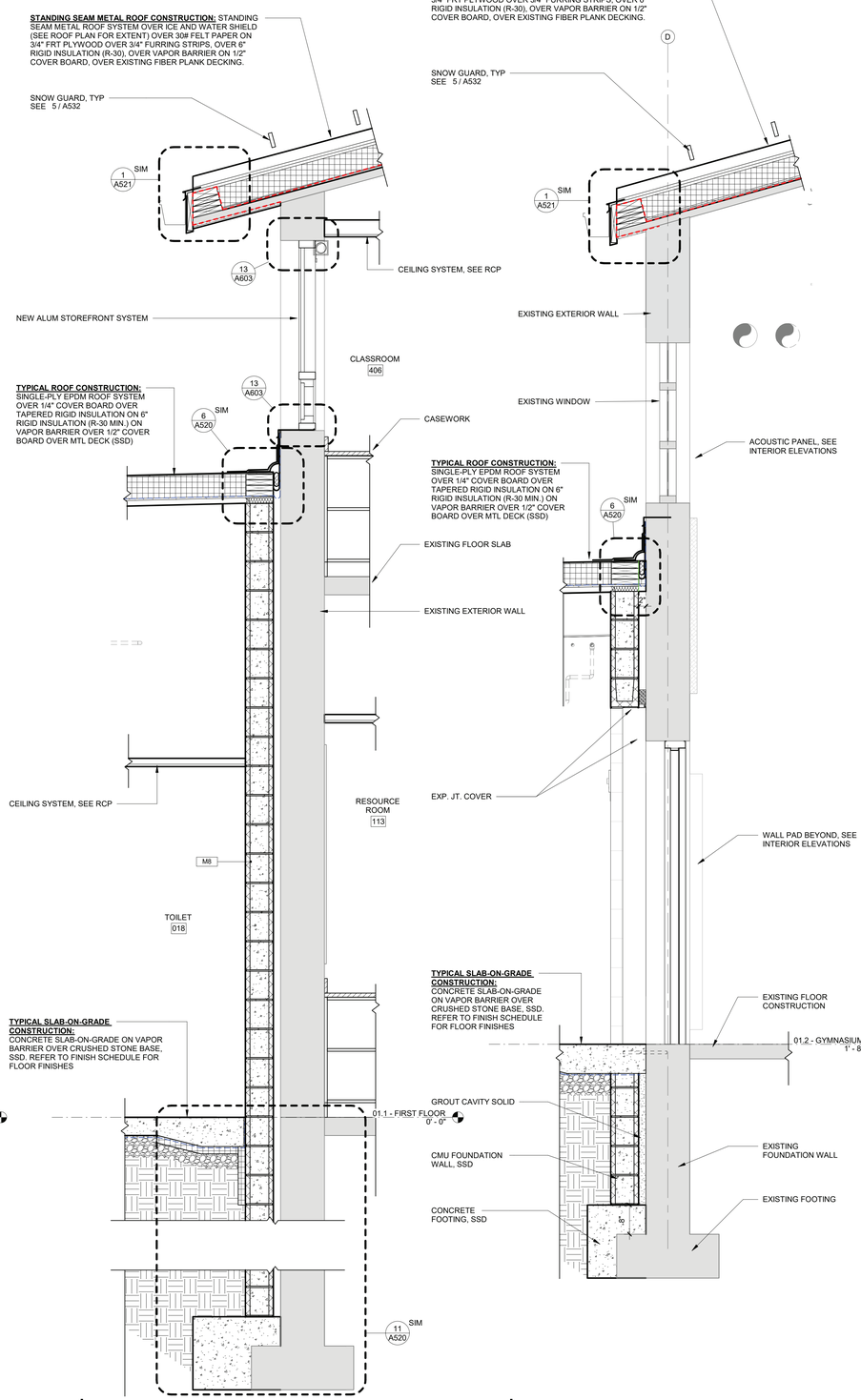
0" 6" 1' 2" 4'



1 WALL SECTION
A402 SCALE: 3/4" = 1'-0"



2 WALL SECTION
A402 SCALE: 3/4" = 1'-0"



3 WALL SECTION
A402 SCALE: 3/4" = 1'-0"

4 WALL SECTION
A402 SCALE: 3/4" = 1'-0"

0" 6" 1' 2' 4"

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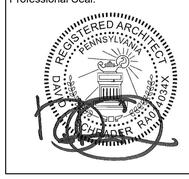
Professional Seal:



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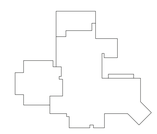
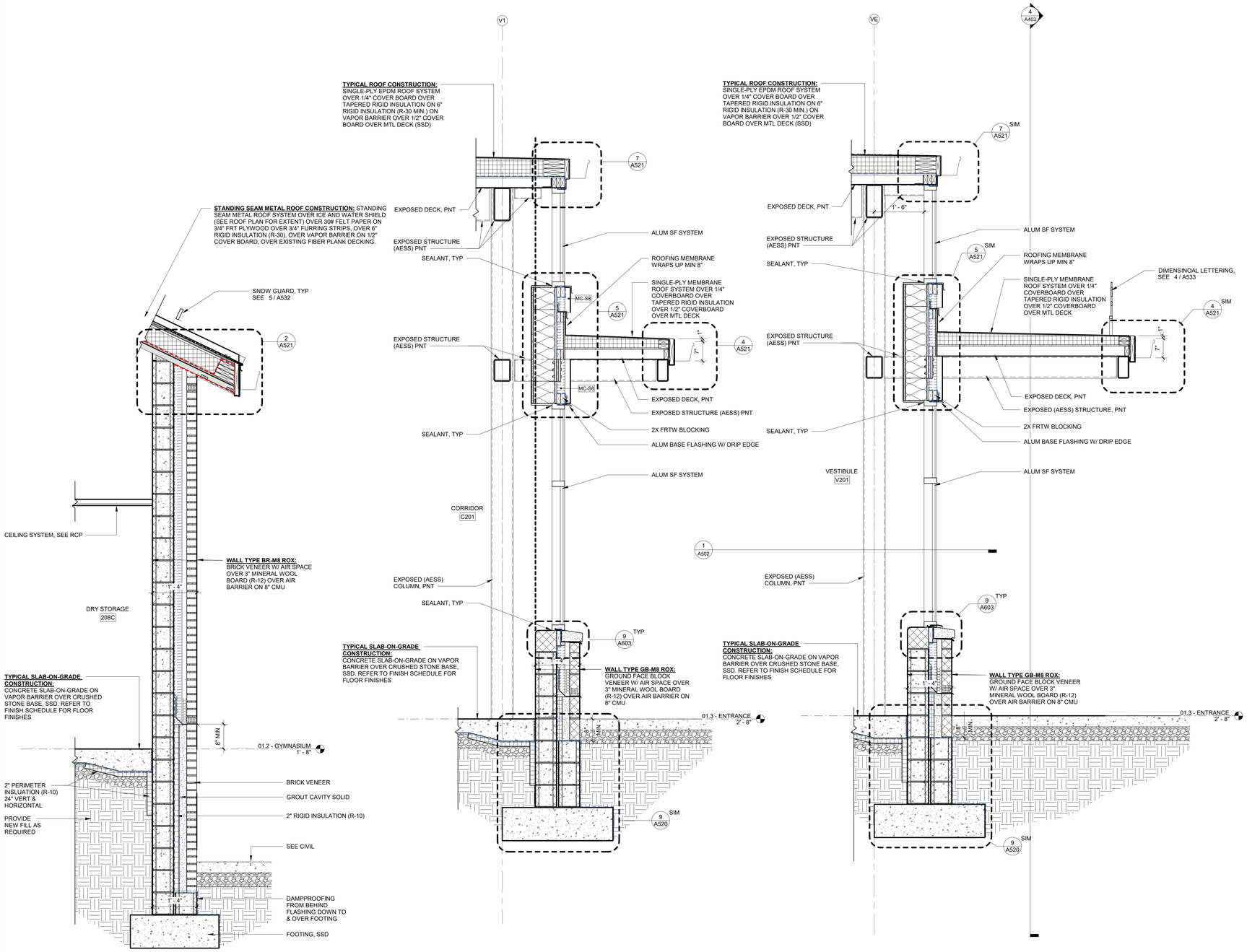
SGA PROJECT NUMBER: 23-029

Key Plan:



Drawing Title:
WALL SECTIONS

Drawing Number:
A402



1 | A403 WALL SECTION
SCALE: 3/4" = 1'-0"

2 | A403 WALL SECTION
SCALE: 3/4" = 1'-0"

3 | A403 WALL SECTION
SCALE: 3/4" = 1'-0"

4 | A403 WALL SECTION
SCALE: 3/4" = 1'-0"

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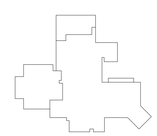
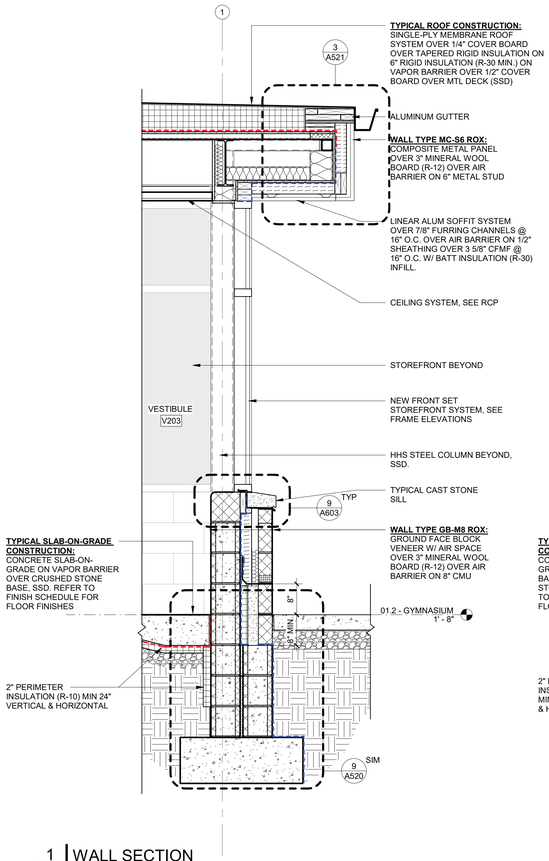
Key Plan:

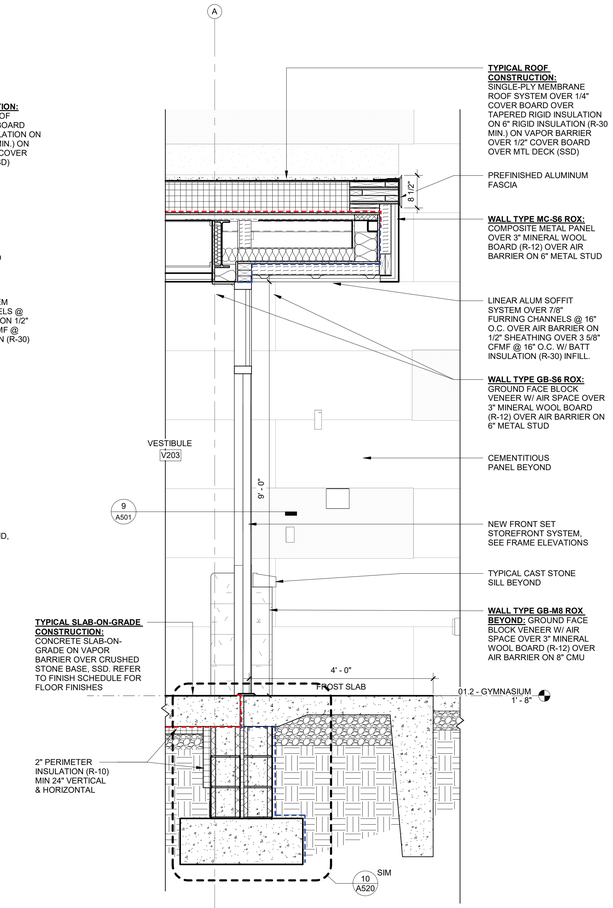


Drawing Title:
WALL SECTIONS

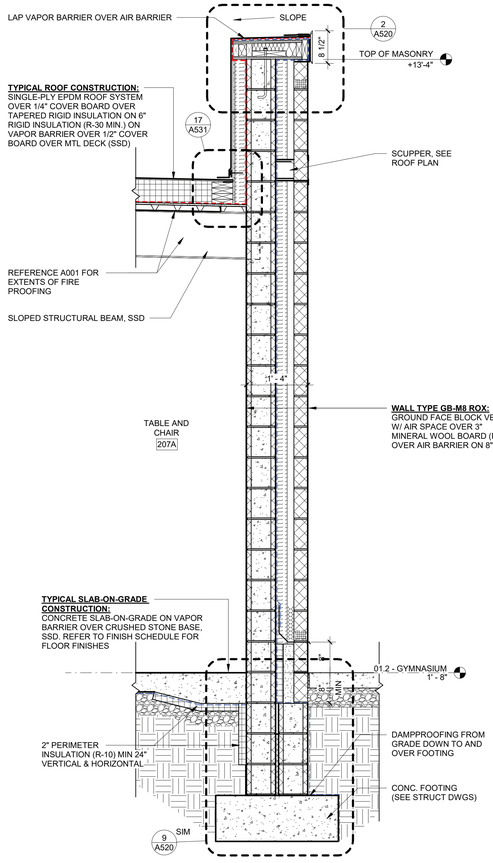
Drawing Number:
A403



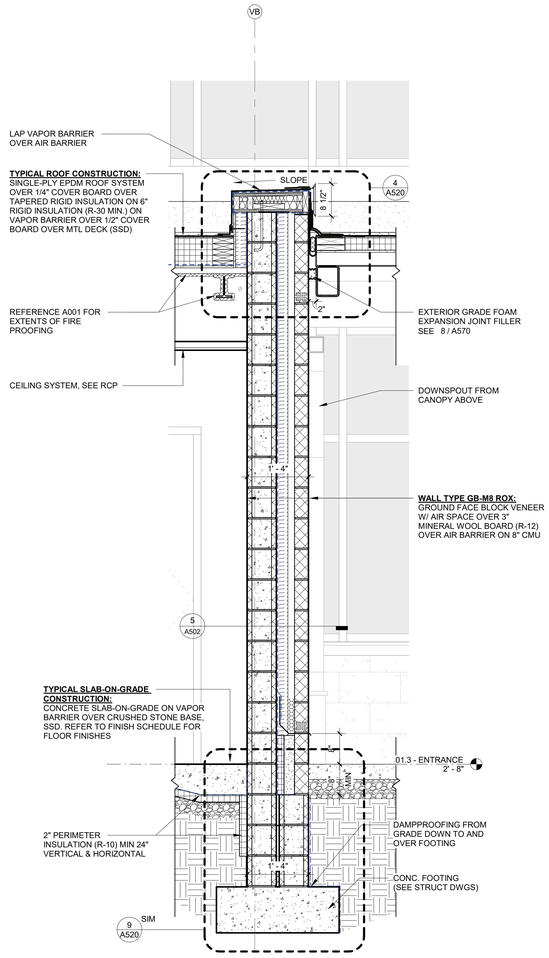
1 | WALL SECTION
A404 | SCALE: 3/4" = 1'-0"



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



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



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

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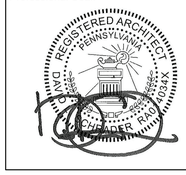

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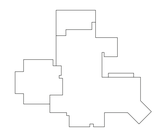
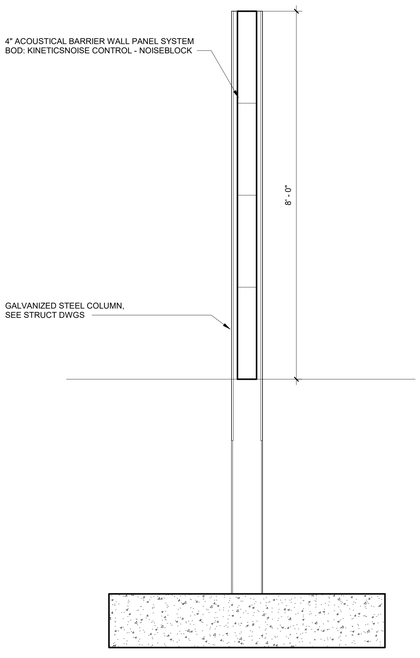
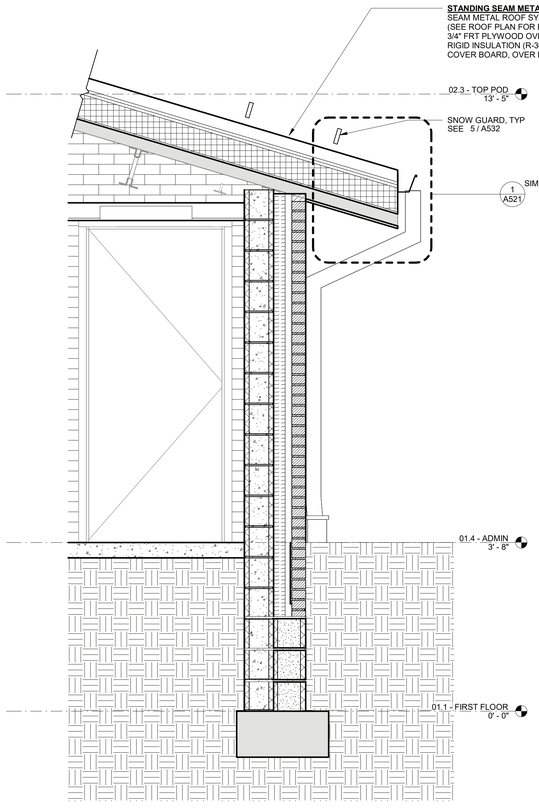


Drawing Title:
WALL SECTIONS

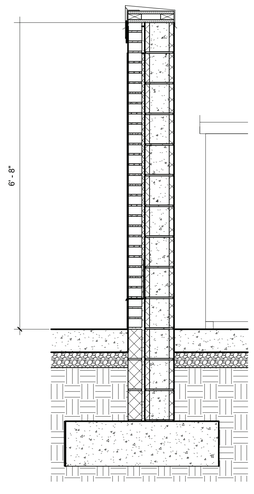
Drawing Number:
A404



1 A405 | WALL SECTION SCREEN WALL
SCALE: 3/4" = 1'-0"



2 A405 | Section at Closet Infill
SCALE: 3/4" = 1'-0"



3 A405 | Wall Section at Dumpsters
SCALE: 3/4" = 1'-0"

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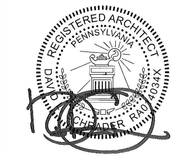

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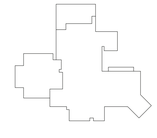


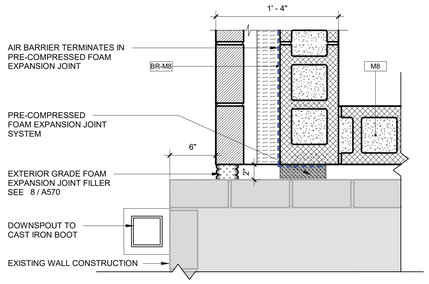
Drawing Title:

WALL SECTIONS

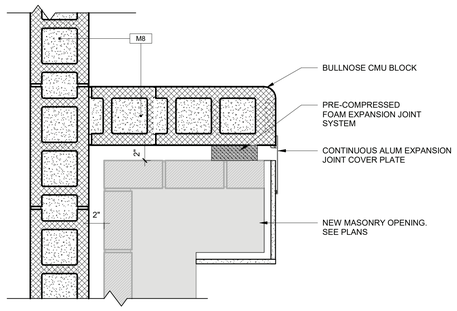
Drawing Number:

A405

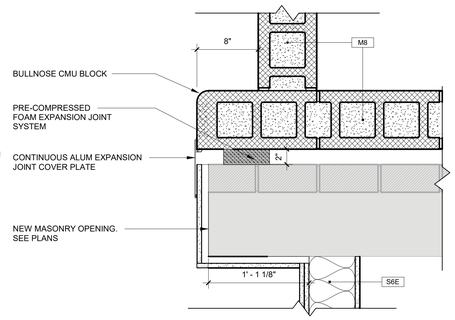
6" 2"
0" 1" 4"



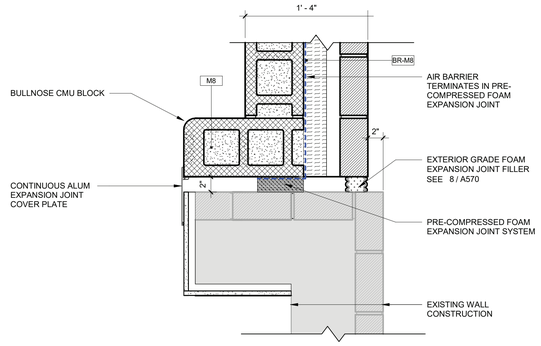
1 PLAN DETAIL
A501 SCALE: 1 1/2" = 1'-0"



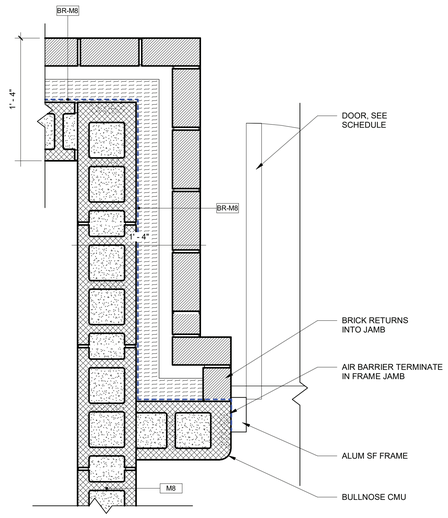
2 PLAN DETAIL
A501 SCALE: 1 1/2" = 1'-0"



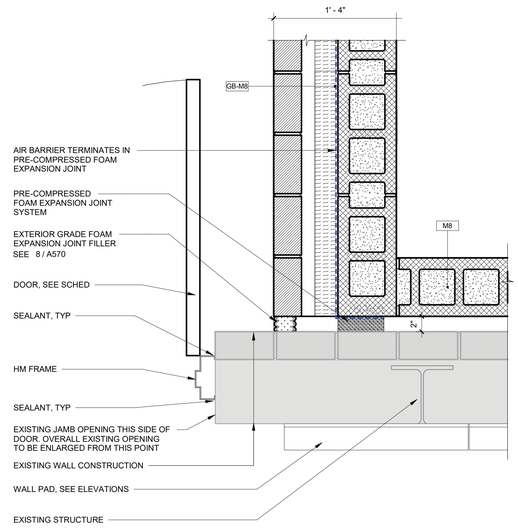
3 PLAN DETAIL
A501 SCALE: 1 1/2" = 1'-0"



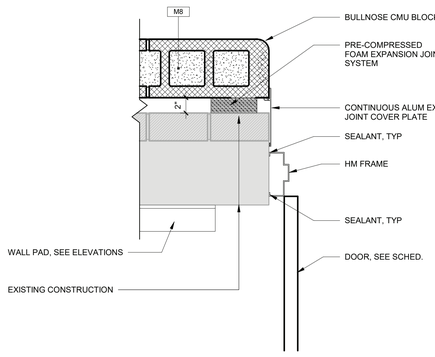
4 PLAN DETAIL
A501 SCALE: 1 1/2" = 1'-0"



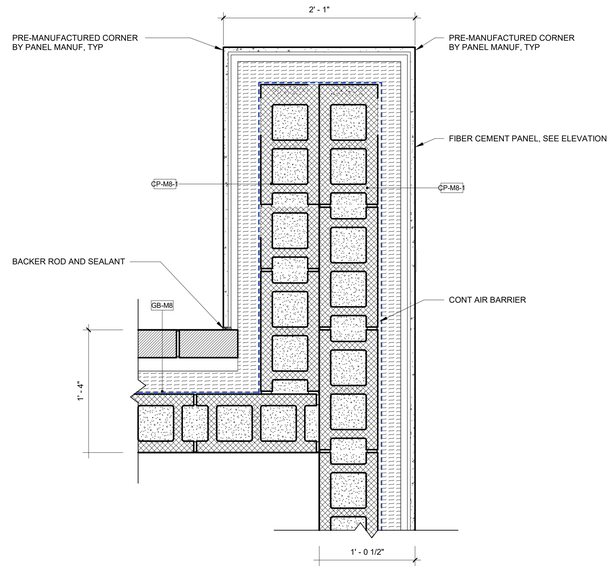
5 PLAN DETAIL
A501 SCALE: 1 1/2" = 1'-0"



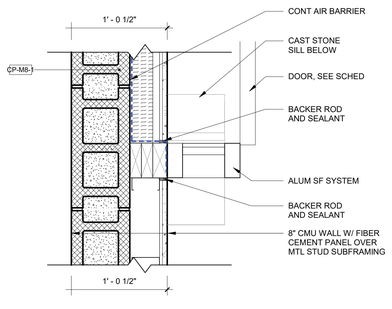
6 PLAN DETAIL
A501 SCALE: 1 1/2" = 1'-0"



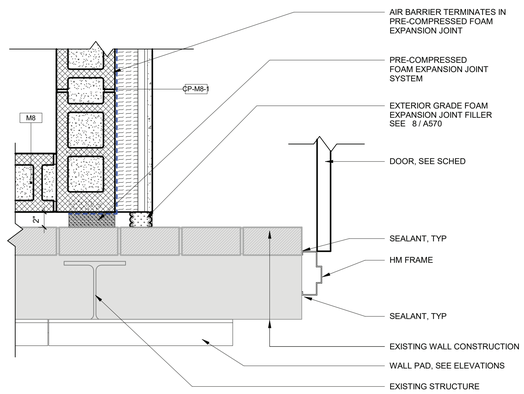
7 PLAN DETAIL
A501 SCALE: 1 1/2" = 1'-0"



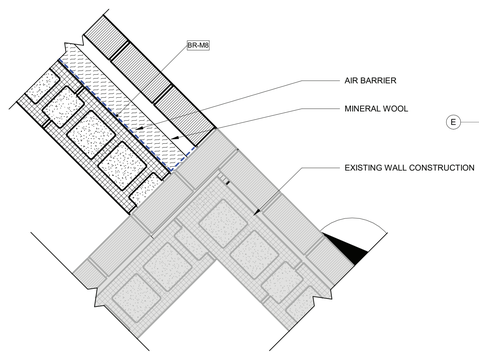
8 PLAN DETAIL
A501 SCALE: 1 1/2" = 1'-0"



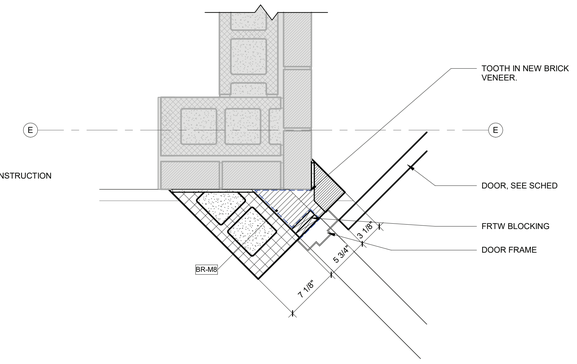
9 PLAN DETAIL
A501 SCALE: 1 1/2" = 1'-0"



10 PLAN DETAIL
A501 SCALE: 1 1/2" = 1'-0"



11 PLAN DETAIL
A501 SCALE: 1 1/2" = 1'-0"



12 PLAN DETAIL
A501 SCALE: 1 1/2" = 1'-0"

0' 6" 1' 2'

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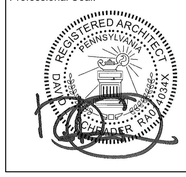
Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

ISSUED FOR:

NO.	DESCRIPTION	DATE
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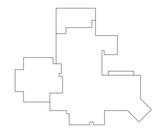
	GC REBID	12/03/2024

DATE: 12/03/2024

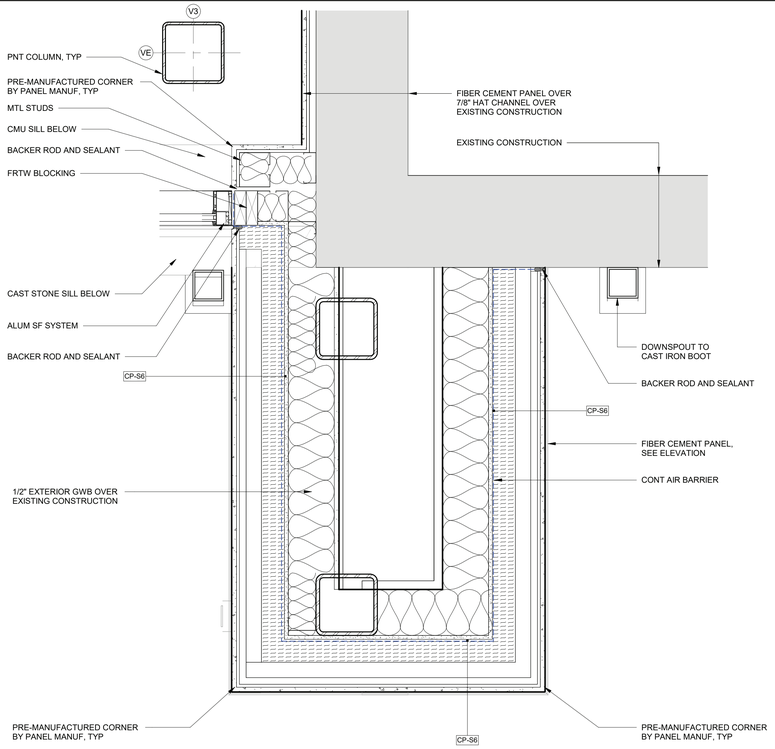
SGA PROJECT NUMBER: 23-029

Key Plan:

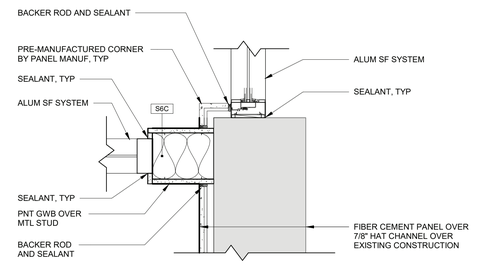


Drawing Title:
PLAN DETAILS

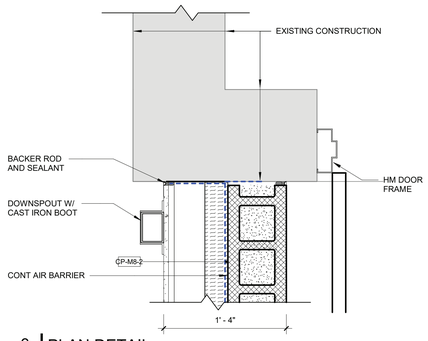
Drawing Number:
A501



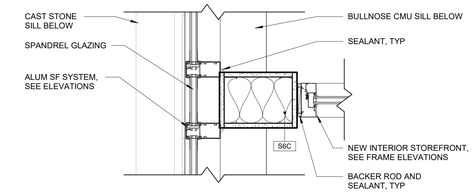
1 PLAN DETAIL
A502 SCALE: 1 1/2" = 1'-0"



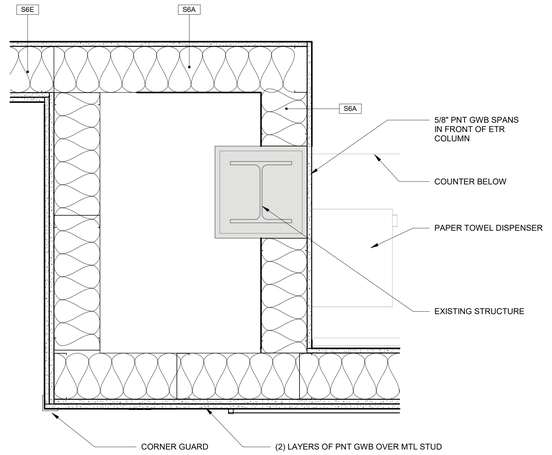
2 PLAN DETAIL
A502 SCALE: 1 1/2" = 1'-0"



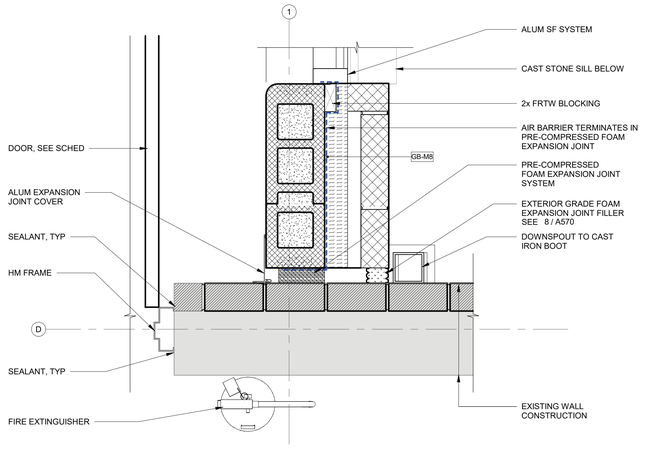
3 PLAN DETAIL
A502 SCALE: 1 1/2" = 1'-0"



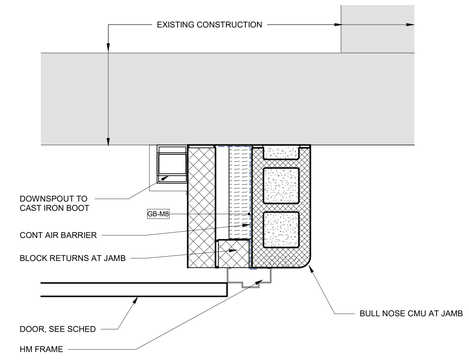
4 PLAN DETAIL
A502 SCALE: 1 1/2" = 1'-0"



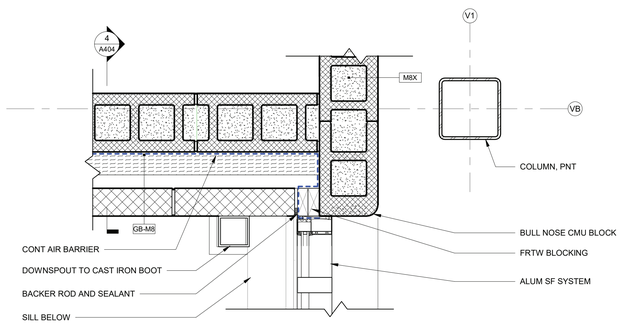
11 PLAN DETAIL
A502 SCALE: 1 1/2" = 1'-0"



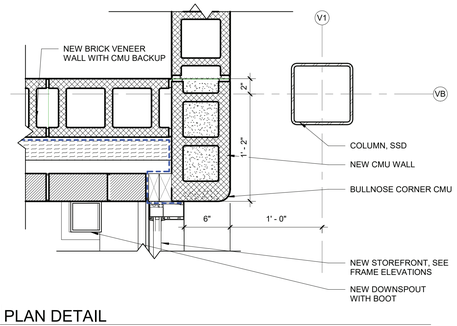
6 PLAN DETAIL
A502 SCALE: 1 1/2" = 1'-0"



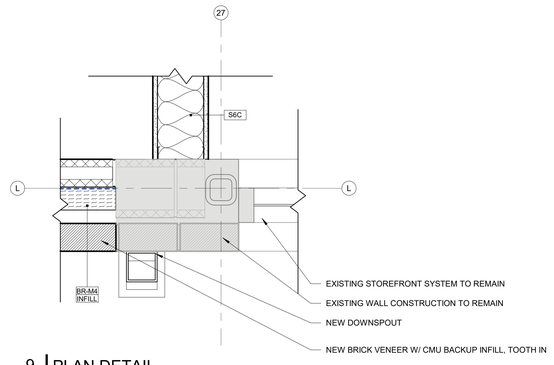
7 PLAN DETAIL
A502 SCALE: 1 1/2" = 1'-0"



8 PLAN DETAIL
A502 SCALE: 1 1/2" = 1'-0"



5 PLAN DETAIL
A502 SCALE: 1 1/2" = 1'-0"



9 PLAN DETAIL
A502 SCALE: 1 1/2" = 1'-0"

0' 6" 1' 2'

SCHRADERGROUP
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f: 215 482 7441
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Consultants:
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MEP:
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(610) 694-8020

Structural Engineer
SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
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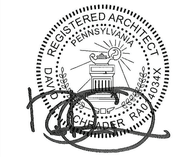
Professional Seal:



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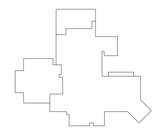
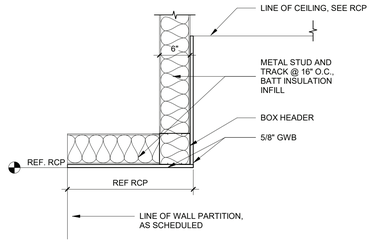
SGA PROJECT NUMBER: 23-029

Key Plan:

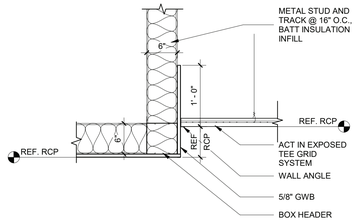


Drawing Title:
PLAN DETAILS

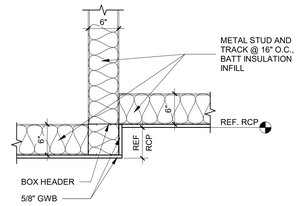
Drawing Number:
A502



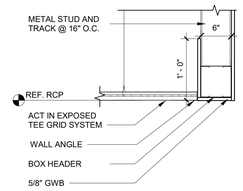
1 GWB TO GWB WALL
A511 SCALE: 1" = 1'-0"



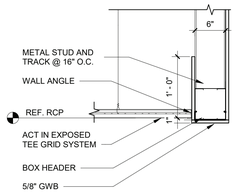
2 GWB TO ACT
A511 SCALE: 1" = 1'-0"



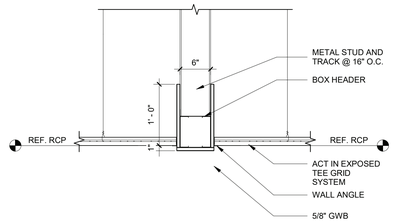
3 GWB TO GWB
A511 SCALE: 1" = 1'-0"



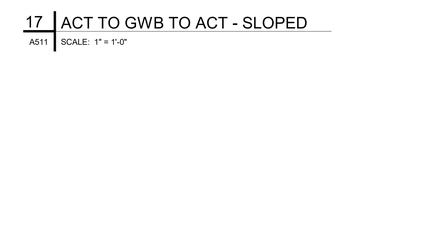
4 ACT TO GWB WALL
A511 SCALE: 1" = 1'-0"



5 ACT TO GWB WALL
A511 SCALE: 1" = 1'-0"



6 ACT TO GWB WALL TO ACT
A511 SCALE: 1" = 1'-0"



7 GWB SOFFIT AT ACT AND GWB
A511 SCALE: 1" = 1'-0"

8 ACT TO GWB SOFFIT
A511 SCALE: 1" = 1'-0"

9 GWB SOFFIT AT ACT TO ACT
A511 SCALE: 1" = 1'-0"

10 ACT TO GWB TO ACT
A511 SCALE: 1" = 1'-0"

11 ACT TO GWB TO ACT @ DOOR
A511 SCALE: 1" = 1'-0"

12 GWB TO GWB TO ACT @ DOOR
A511 SCALE: 1" = 1'-0"

13 ACT TO GWB WALL TO ACT @ GLAZING
A511 SCALE: 1" = 1'-0"

14 GWB TO GWB WALL AND GLAZING
A511 SCALE: 1" = 1'-0"

15 6" ACT CLOUD EDGE
A511 SCALE: 3" = 1'-0"

16 GWB TO GWB WALL
A511 SCALE: 1" = 1'-0"

17 ACT TO GWB TO ACT - SLOPED
A511 SCALE: 1" = 1'-0"

18 GWB TO GWB TO ACT - SLOPED
A511 SCALE: 1" = 1'-0"

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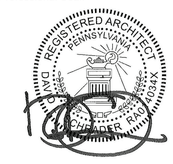

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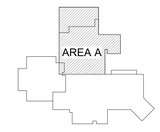
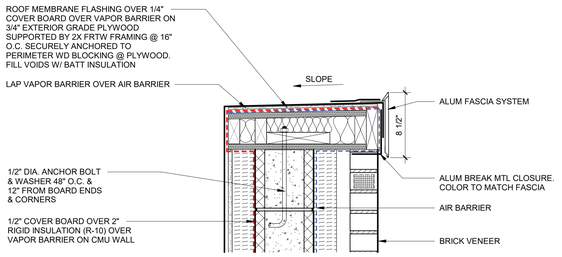


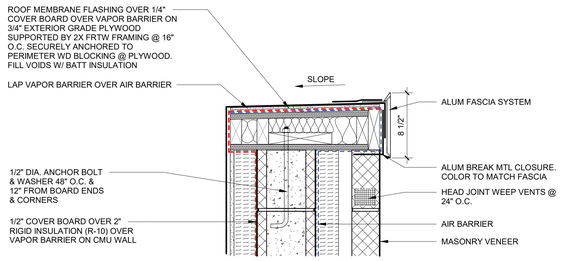
Drawing Title:
RCP DETAILS

Drawing Number:
A511



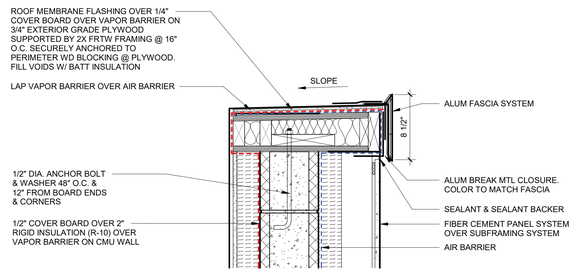
1 PARAPET DETAIL @ BRICK VENEER

A520 SCALE: 1 1/2" = 1'-0"



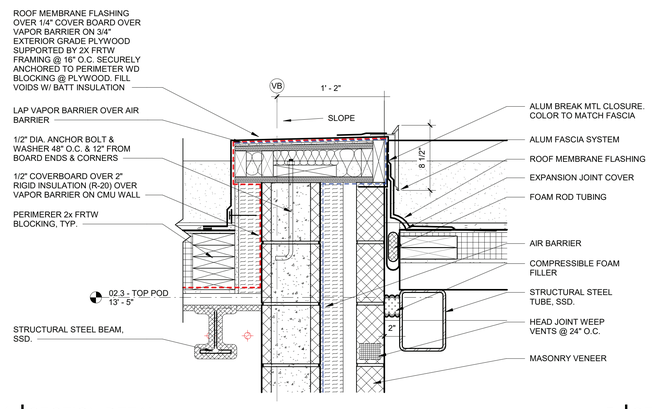
2 PARAPET DETAIL @ MASONRY VENEER

A520 SCALE: 1 1/2" = 1'-0"



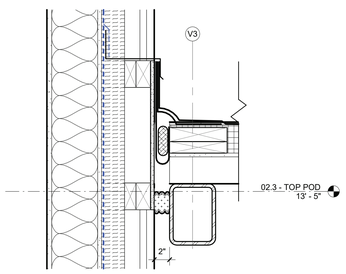
3 PARAPET DETAIL @ FIBER CEMENT PANELS

A520 SCALE: 1 1/2" = 1'-0"



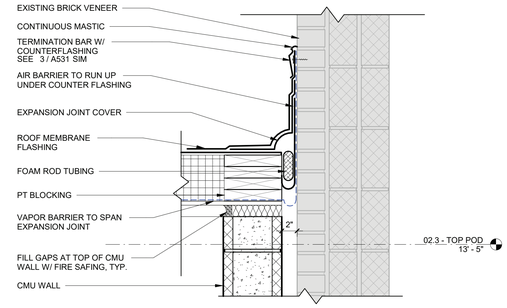
4 SECTION DETAIL

A520 SCALE: 1 1/2" = 1'-0"



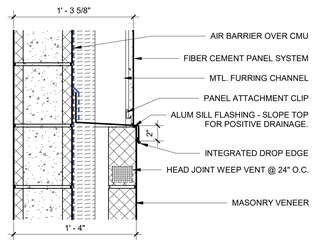
5 SECTION DETAIL

A520 SCALE: 1 1/2" = 1'-0"



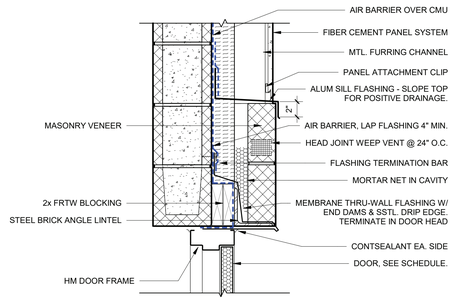
6 SECTION DETAIL

A520 SCALE: 1 1/2" = 1'-0"



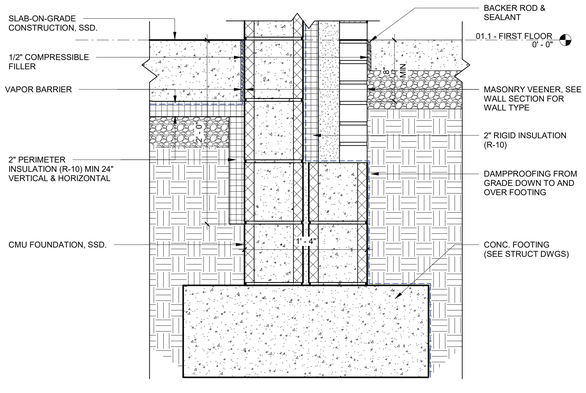
7 SECTION DETAIL

A520 SCALE: 1 1/2" = 1'-0"



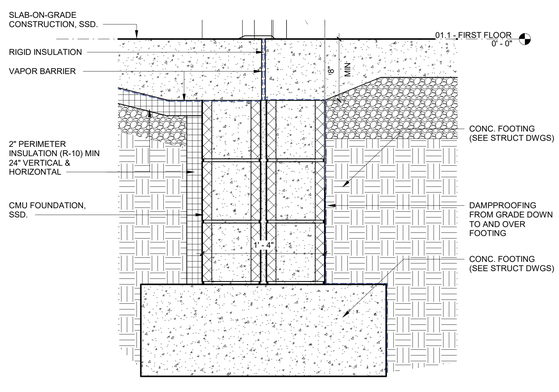
8 SECTION DETAIL

A520 SCALE: 1 1/2" = 1'-0"



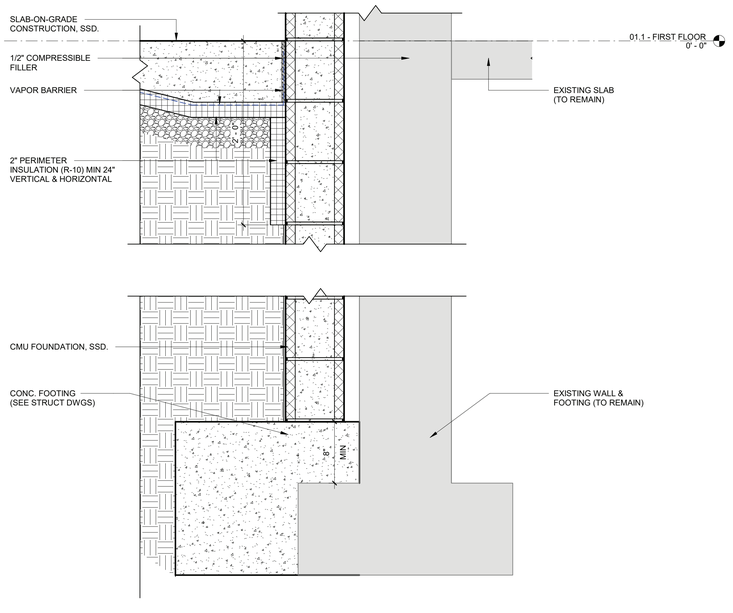
9 FOUNDATION DETAIL

A520 SCALE: 1 1/2" = 1'-0"



10 FOUNDATION DETAIL

A520 SCALE: 1 1/2" = 1'-0"



11 FOUNDATION DETAIL

A520 SCALE: 1 1/2" = 1'-0"

True Project

0' 6" 1' 2'

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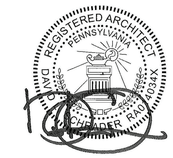

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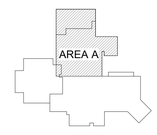
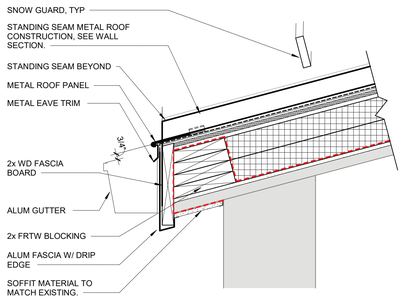
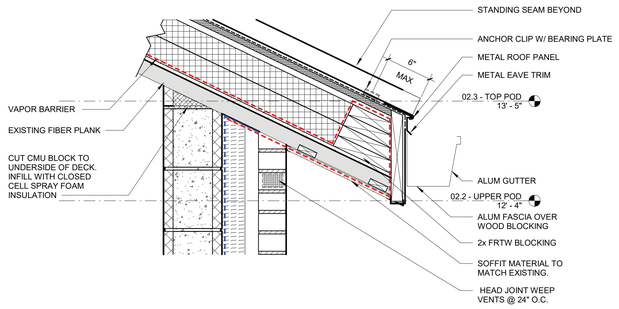


Drawing Title:
SECTION DETAILS

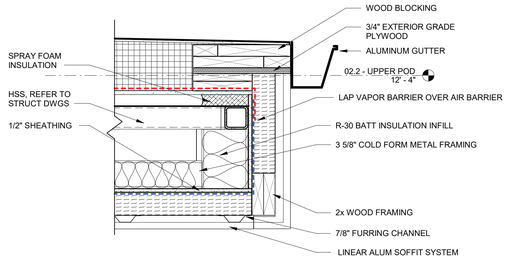
Drawing Number:
A520



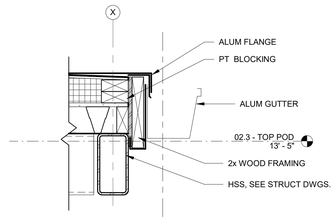
1 SECTION DETAIL
A521 SCALE: 1 1/2" = 1'-0"



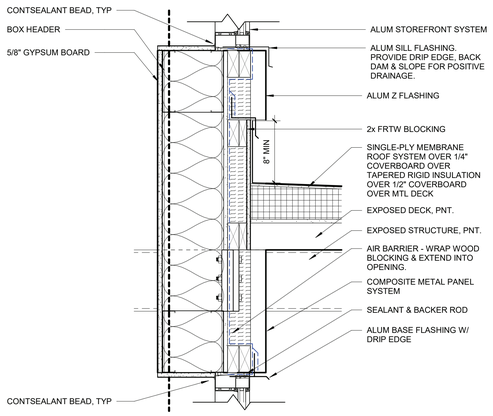
2 SECTION DETAIL
A521 SCALE: 1 1/2" = 1'-0"



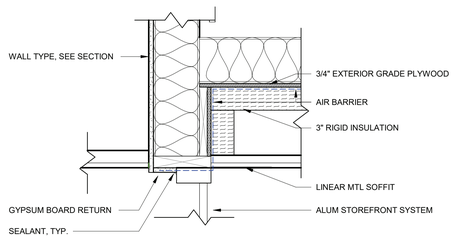
3 SECTION DETAIL
A521 SCALE: 1 1/2" = 1'-0"



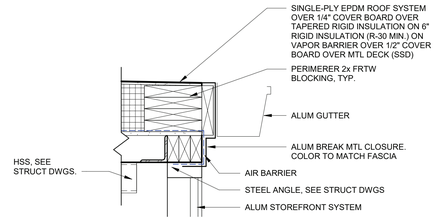
4 SECTION DETAIL
A521 SCALE: 1 1/2" = 1'-0"



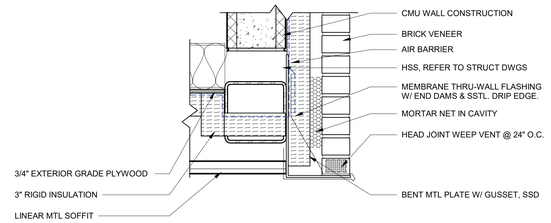
5 SECTION DETAIL
A521 SCALE: 1 1/2" = 1'-0"



6 SECTION DETAIL
A521 SCALE: 1 1/2" = 1'-0"



7 SECTION DETAIL
A521 SCALE: 1 1/2" = 1'-0"



8 SECTION DETAIL
A521 SCALE: 1 1/2" = 1'-0"

True Project

0' 6" 1' 2'

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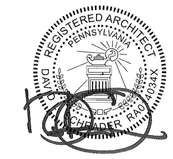

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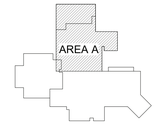
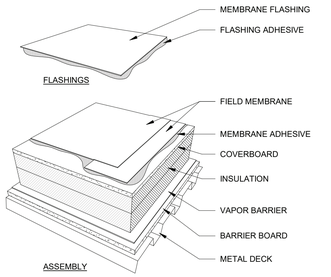
SGA PROJECT NUMBER: 23-029

Key Plan:



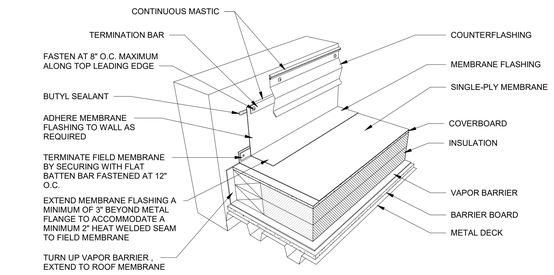
Drawing Title:
SECTION DETAILS

Drawing Number:
A521



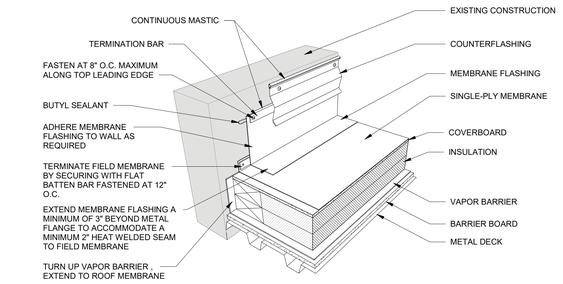
1 SINGLE PLY ROOF MEMBRANE ASSEMBLY

A531 SCALE: 1" = 1'-0"



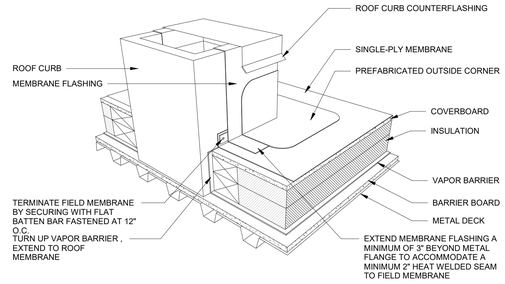
2 SINGLE PLY ROOF COUNTERFLASHING DETAIL

A531 SCALE: 1" = 1'-0"



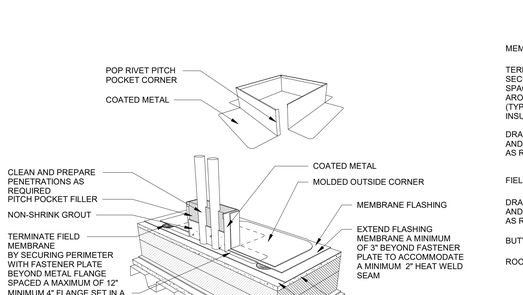
3 SINGLE PLY ROOF COUNTERFLASHING DETAIL

A531 SCALE: 1" = 1'-0"



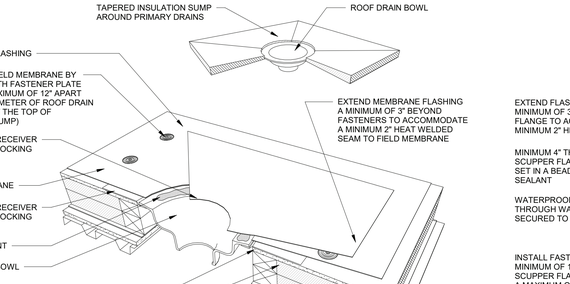
4 SINGLE PLY ROOF CURB DETAIL

A531 SCALE: 1" = 1'-0"



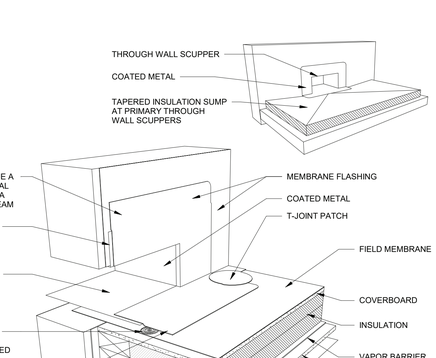
5 SINGLE PLY ROOF EDGE DETAIL

A531 SCALE: 1" = 1'-0"



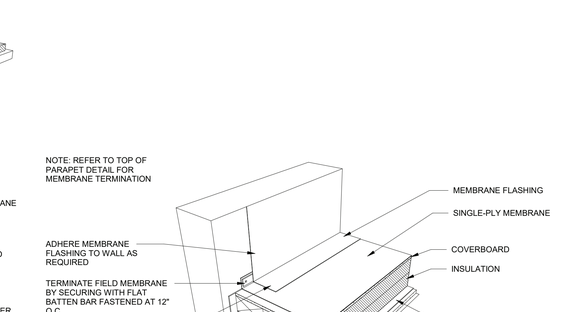
6 SINGLE PLY ROOF GUTTER DETAIL

A531 SCALE: 1" = 1'-0"



7 SINGLE PLY ROOF INSIDE CORNER DETAIL

A531 SCALE: 1" = 1'-0"



8 SINGLE PLY ROOF EDGE DETAIL

A531 SCALE: 1" = 1'-0"

9 SINGLE PLY ROOF LAP DETAIL

A531 SCALE: 1" = 1'-0"

10 SINGLE PLY ROOF EDGE DETAIL

A531 SCALE: 1" = 1'-0"

12 SINGLE PLY ROOF OUTSIDE CORNER

A531 SCALE: 1" = 1'-0"

13 SINGLE PLY ROOF PIPE PENETRATION

A531 SCALE: 1" = 1'-0"

14 SINGLE PLY ROOF PENETRATION POCKET

A531 SCALE: 1" = 1'-0"

15 SINGLE PLY ROOF DRAIN DETAIL

A531 SCALE: 1" = 1'-0"

16 SINGLE PLY ROOF SCUPPER DETAIL

A531 SCALE: 1" = 1'-0"

17 SINGLE PLY ROOF BASE OF PARAPET

A531 SCALE: 1" = 1'-0"

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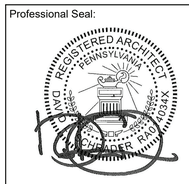

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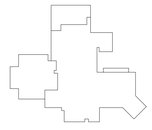
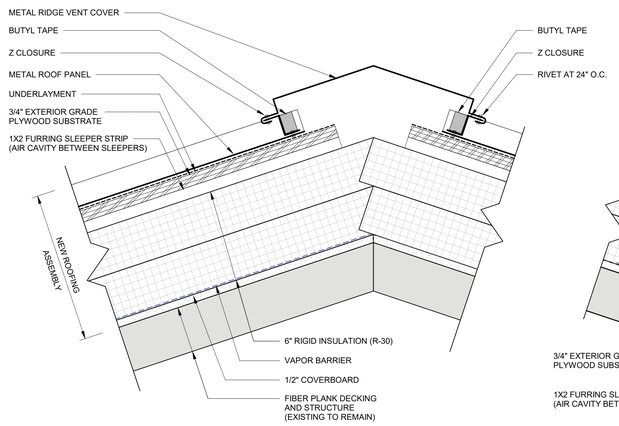


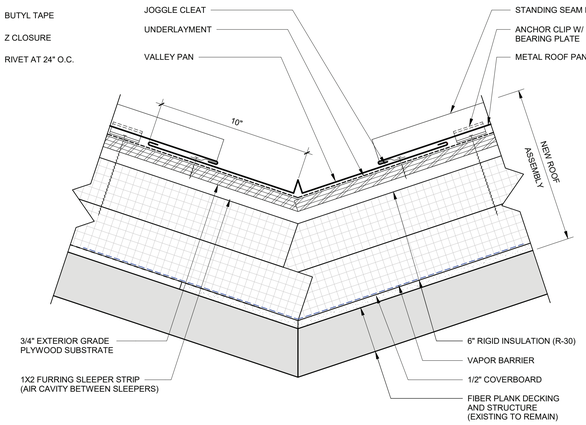
Drawing Title:
TYPICAL ROOF DETAILS

Drawing Number:
A531



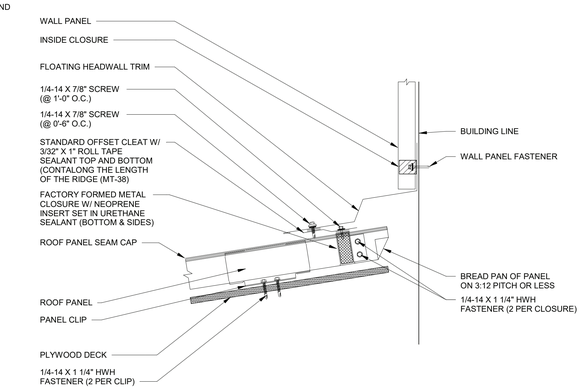
1 STANDING SEAM RIDGE DETAIL

A532 SCALE: 3" = 1'-0"



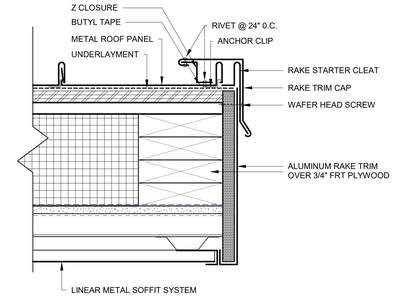
2 STANDING SEAM VALLEY DETAIL

A532 SCALE: 3" = 1'-0"



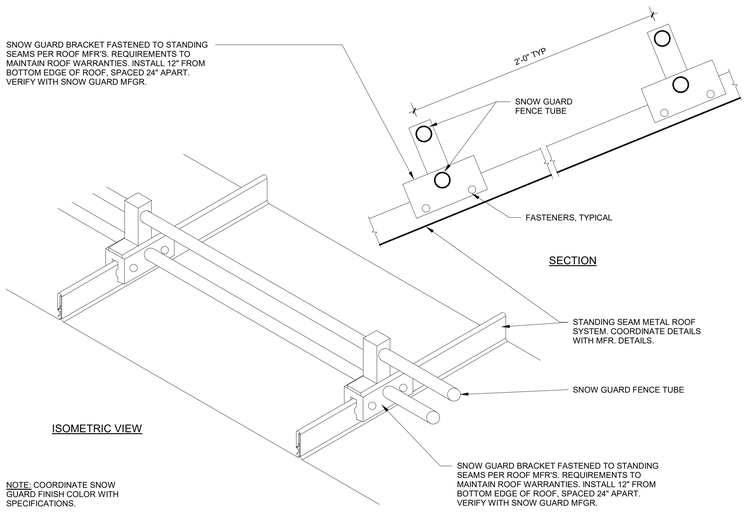
3 STANDING SEAM ROOF HEAD WALL EXPANSION JOINT DETAIL

A532 SCALE: 12" = 1'-0"



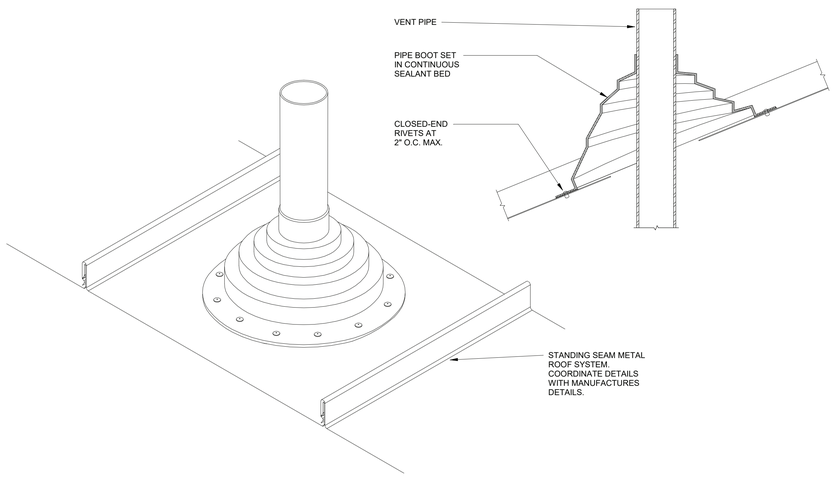
4 STANDING SEAM RAKE DETAIL

A532 SCALE: 3" = 1'-0"



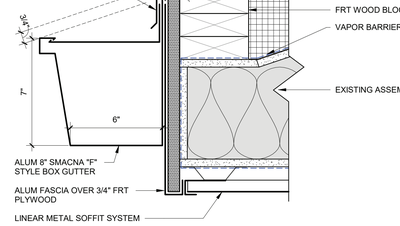
5 STANDING SEAM SNOW GUARDS

A532 SCALE: 3" = 1'-0"



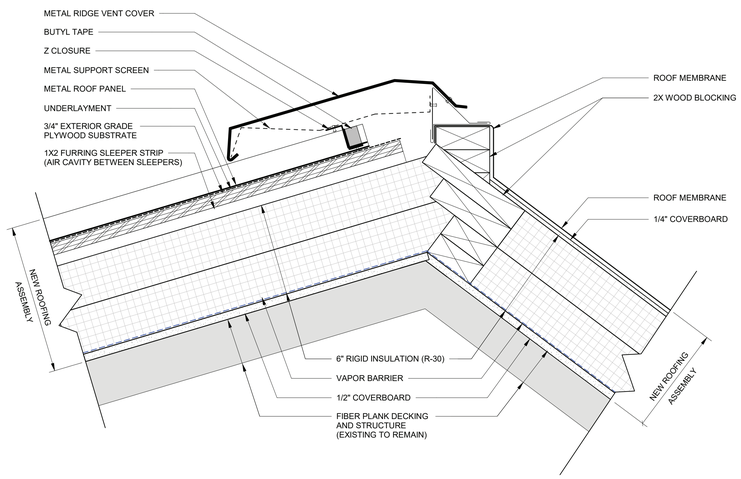
6 STANDING SEAM PIPE PENETRATION DETAIL

A532 SCALE: 3" = 1'-0"



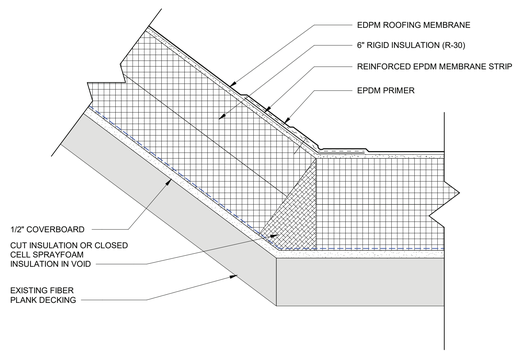
7 STANDING SEAM GUTTER DETAIL

A532 SCALE: 3" = 1'-0"



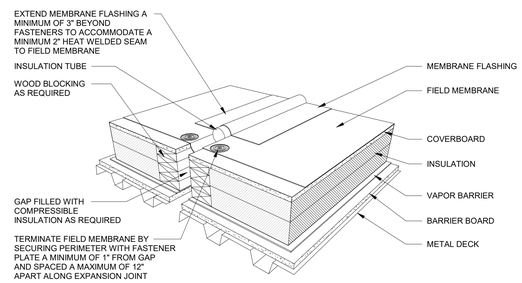
9 STANDING SEAM RIDGE DETAIL - SS TO MEMBRANE

A532 SCALE: 3" = 1'-0"



10 SINGLE PLY VALLEY DETAIL

A532 SCALE: 3" = 1'-0"



8 SINGLE PLY ROOF EXPANSION JOINT

A532 SCALE: 1" = 1'-0"

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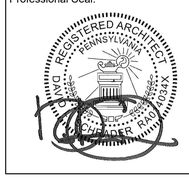

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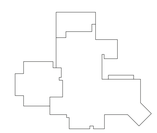
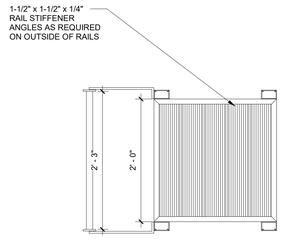
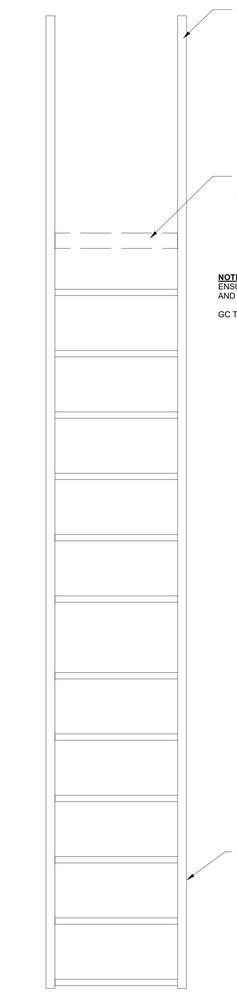


Drawing Title:
TYPICAL ROOF DETAILS

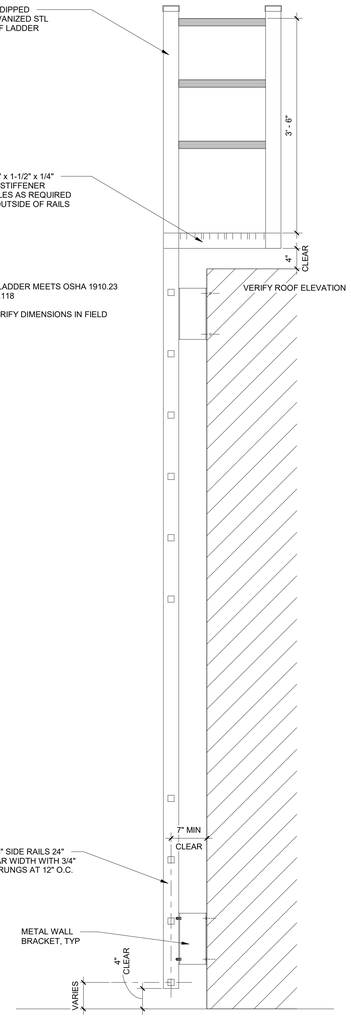
Drawing Number:
A532



PLAN



ELEVATION

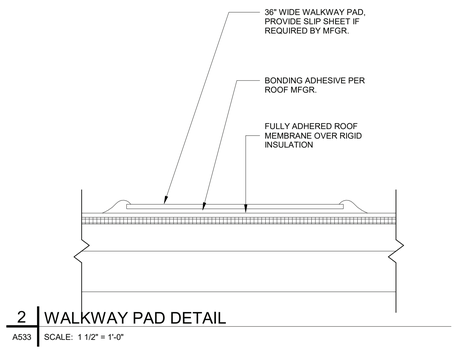


SECTION

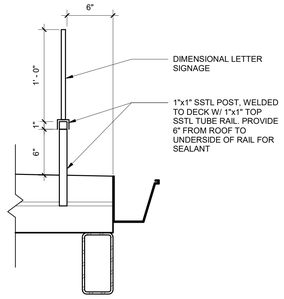
NOTE:
ENSURE LADDER MEETS OSHA 1910.23 AND 1917.118

GC TO VERIFY DIMENSIONS IN FIELD

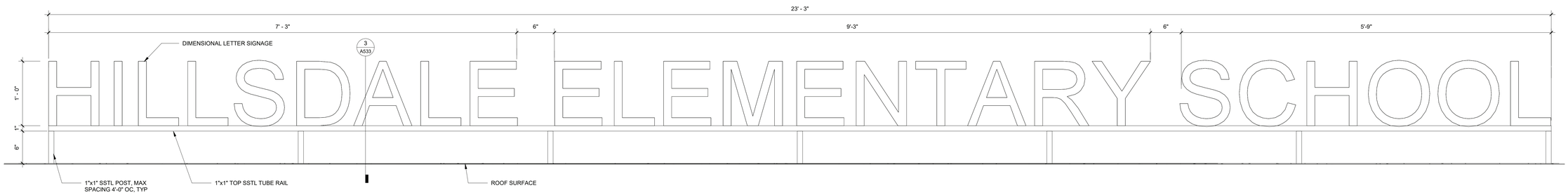
1 ROOF LADDER DETAIL
A533 SCALE: 1" = 1'-0"



2 WALKWAY PAD DETAIL
A533 SCALE: 1 1/2" = 1'-0"



3 DIMENSIONAL LETTER SIGNAGE SECTION
A533 SCALE: 1 1/2" = 1'-0"



4 DIMENSIONAL LETTER SIGNAGE DETAIL
A533 SCALE: 1 1/2" = 1'-0"

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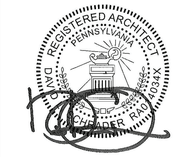

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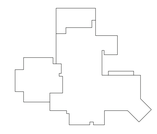

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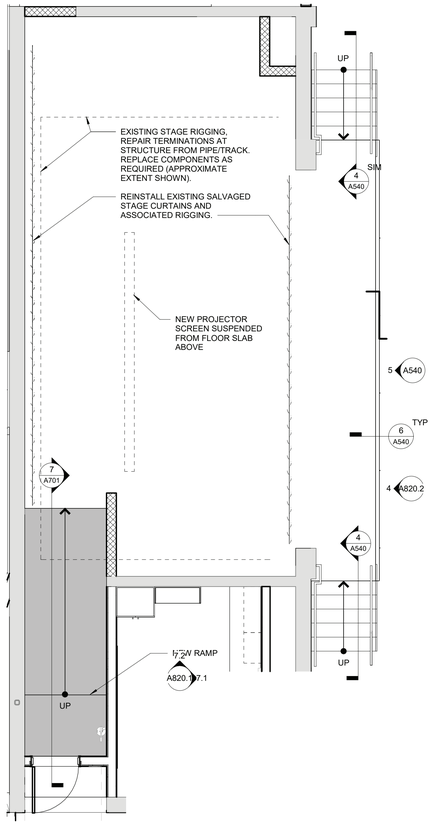
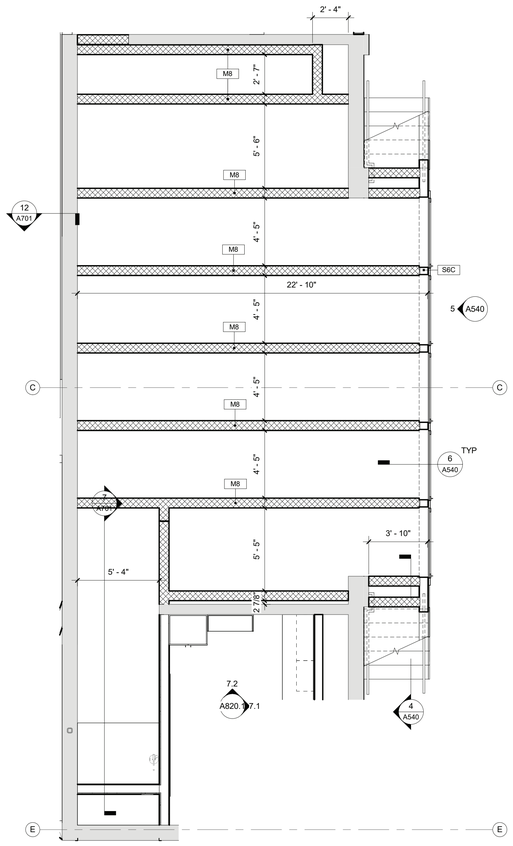
TYPICAL ROOF DETAILS

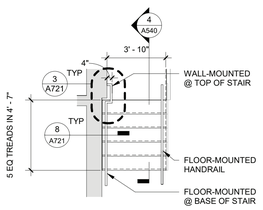
Drawing Number:
A533



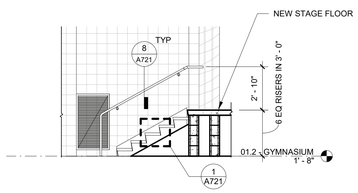
1 STAGE FLOOR PLAN
A540 SCALE: 1/4" = 1'-0"



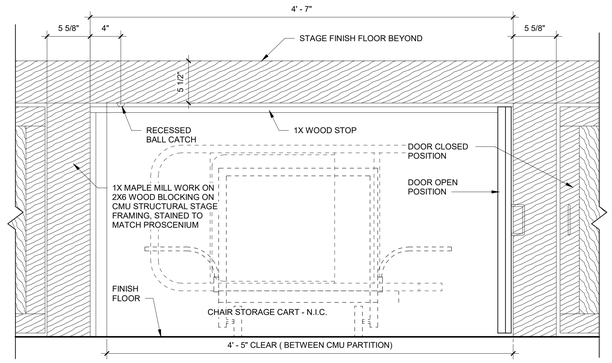
2 STAGE (BELOW) DIMENTION PLAN
A540 SCALE: 1/4" = 1'-0"



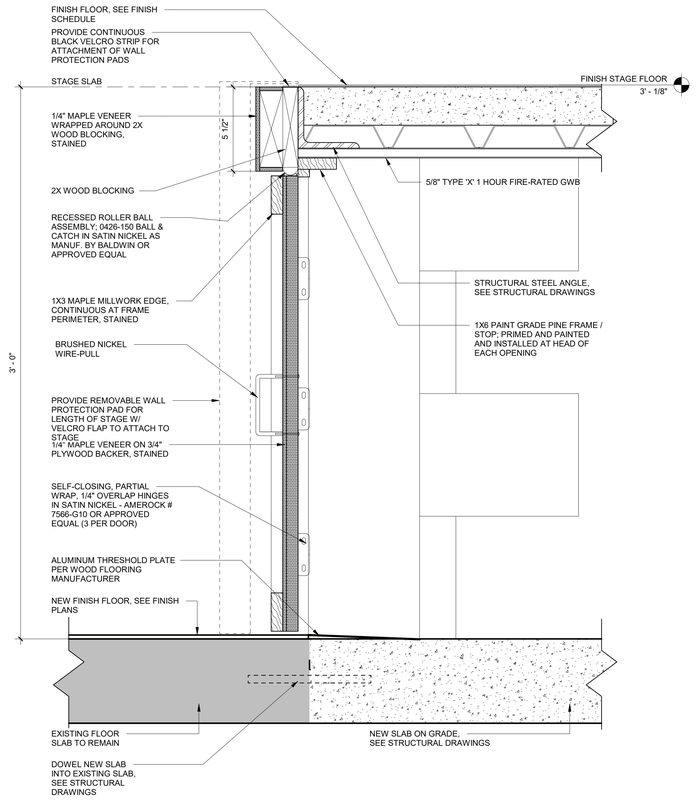
3 STAGE STAIR PLAN
A540 SCALE: 1/4" = 1'-0"



4 STAGE STAIR SECTION
A540 SCALE: 1/4" = 1'-0"



5 UNDER STAGE STORAGE ELEVATION
A540 SCALE: 1 1/2" = 1'-0"



6 UNDER STAGE STORAGE SECTION
A540 SCALE: 3" = 1'-0"

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
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1700 Market Street, Suite 3110
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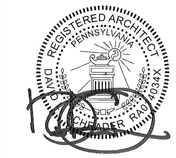
(215) 282-7850

MEP:
Snyder Hoffman Associates
1005 West Lehigh Street
Bethlehem, PA 18018
(610) 694-8020

Structural Engineer
SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
(717) 299-8965

Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

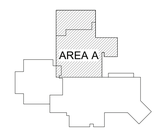
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

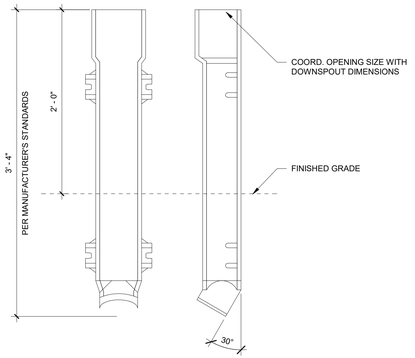


Drawing Title:
STAGE DETAILS

Drawing Number:
A540

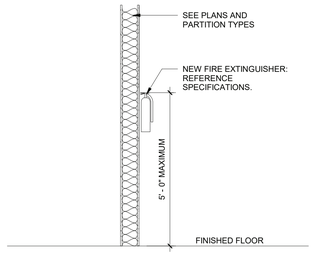
True Project

0' 2' 4' 8' 12'



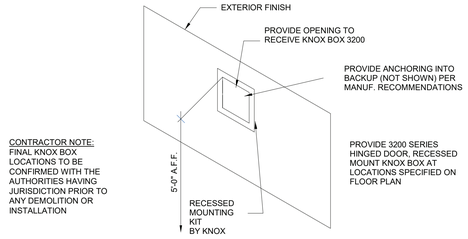
1 CAST IRON DOWNSPOUT BOOT

A570 SCALE: 1 1/2" = 1'-0"



3 MISC DETAILS - FIRE EXTINGUISHER CABINET

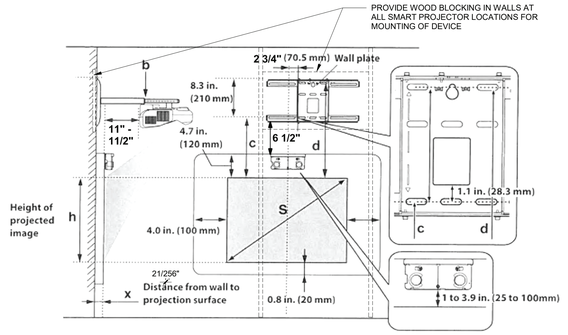
A570 SCALE: 1/2" = 1'-0"



CONTRACTOR NOTE:
FINAL KNOX BOX LOCATIONS TO BE CONFIRMED WITH THE AUTHORITIES HAVING JURISDICTION PRIOR TO ANY DEMOLITION OR INSTALLATION

4 MISC DETAILS - KNOX BOX

A570 SCALE: 1" = 1'-0"

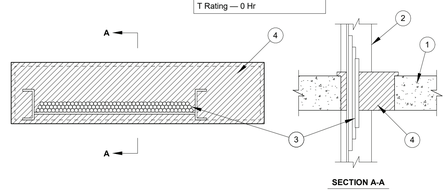


CONTRACTOR TO VERIFY THE LATEST INSTALLATION DETAIL WITH MANUFACTURE.

14 SMART PROJECTOR INSTALLATION DETAIL

A570 SCALE: NOT TO SCALE

ANSI/UL1479 (ASTM E814)
F Rating — 2 Hr
T Rating —0 Hr



1. FLOOR OR WALL ASSEMBLY - MIN. 4 1/2 IN. THICK REINFORCED CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*, MAXIMUM AREA OF OPENING IS 224 SQ. IN. WITH MAX. DIMENSION OF 32 IN.

2. CABLE TRAY* - MAX 24 IN. WIDE BY 4 IN. DEEP OPEN-LADDER CABLE TRAY WITH CHANNEL-SHAPED SIDE RAILS FORMED OF 0.10 THICK ALUMINUM AND 1 1/2 IN. WIDE BY 1 IN. CHANNEL SHAPED RUNGS SPACED 9 IN. O.C. THE ANNULAR SPACE BETWEEN CABLE TRAY AND PERIPHERY OF OPENING SHALL BE MIN. 0 IN. (POINT CONTACT) TO MAX. 5 IN. CABLE TRAY TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY.

3. CABLES - AGGREGATE CROSS-SECTIONAL AREA OF CABLES TO BE MAX. 45 PERCENT OF THE CROSS-SECTIONAL AREA OF THE CABLE TRAY. ANY COMBINATION OF THE FOLLOWING TYPES AND SIZES OF COPPER CONDUCTOR CABLES MAY BE USED:

A. MAX 300 PAIR NO. 24 AWG TELEPHONE CABLE WITH PVC INSULATION AND JACKET
B. MAX 500 KCMIL SINGLE CONDUCTOR COPPER POWER CABLE WITH PVC JACKET MATERIAL
C. MULTIPLE FIBER OPTICAL COMMUNICATION CABLE JACKETED WITH PVC AND HAVING A MAX O.D. OF 3/8"
D. MAX 3/C NO. 12 AWG COPPER CONDUCTOR STEEL CLAD CABLE WITH PVC INSULATION MATERIAL

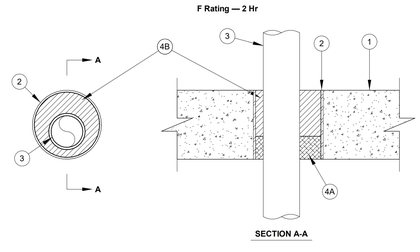
4. FIRESTOP SYSTEM - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:

A. FILL, VOID OR CAVITY MATERIAL - FOAM*: MIN 5 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, EXTENDING 1/2 IN. ABOVE THE TOP SURFACE OF FLOOR OR BOTH SURFACES OF WALL AND OVERLAPPING THE CONCRETE ON ALL SIDES OF OPENING.
B. FILL, VOID OR CAVITY MATERIAL - (OPTIONAL, NOT SHOWN): NOM. 2 IN. DEEP FIRE BLOCKS APPLIED IN A SINGLE LAYER ABOVE CABLES WITHIN CABLE TRAY WITH 5 IN. DIMENSION PROJECTING THROUGH THE OPENING AND LONG DIMENSION PARALLEL TO FLOOR OR WALL.

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL CERTIFICATION MARK FOR JURISDICTION EMPLOYING THE UL CERTIFICATION

5 FIRE RATED CABLE PENETRATION

A570 SCALE: 12" = 1'-0"



1. FLOOR OR WALL ASSEMBLY - MIN. 4 1/2 IN. THICK REINFORCED CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS* MAXIMUM DIAMETER OF OPENING IS 4 IN.

2. METALLIC SLEEVE - NOM. 4 IN. DIAMETER (OR SMALLER) SCHEDULE 40 (OR HEAVIER) STEEL SLEEVE CAST OR GROUTED INTO FLOOR OR WALL ASSEMBLY, FLUSH WITH FLOOR OR WALL ASSEMBLY.

3. THROUGH PENETRANTS - ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE ANNULAR SPACE BETWEEN THE PIPE OR CONDUIT AND THE PERIPHERY SHALL BE A MIN. OF 1/2 IN. TO MAX 1 3/8 IN. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:

A. POLYVINYL CHLORIDE (PVC) PIPE - NOM. 2 IN. DIAMETER (OR SMALLER) SCHEDULE 40 SOLID CORE PVC PIPE FOR USE IN CLOSED (PROCESS OF SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
B. CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE - SOM. 2 IN. DIAMETER (OR SMALLER) SDR 17 CPVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
C. RIGID NOMENCLATURE CONDUIT - NOM. 2 IN. DIAMETER (OR SMALLER) SCHEDULE 40 PVC CONDUIT INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, (NFPA NO. 70)

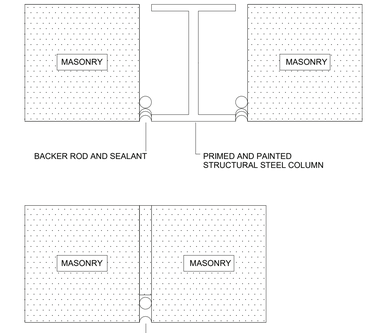
4. FIRESTOP SYSTEM - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:

A. FORMING MATERIAL* - MIN 1 1/2 IN. THICKNESS FOAMED INTO OPENING AS A PERMANENT FORM. FORMING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
B. FILL, VOID OR CAVITY MATERIAL* - SEALANT: MIN 3 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH THE TOP SURFACE OF FLOOR OR WITH BOTH SIDES OF WALL.

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL CERTIFICATION MARK FOR JURISDICTION EMPLOYING THE UL CERTIFICATION

6 FIRE RATED PIPE PENETRATION

A570 SCALE: 12" = 1'-0"



CARE SHOULD BE TAKEN TO PROVIDE JOINTS AT LOCATIONS OF STRESS CONCENTRATIONS SUCH AS (REFERENCE SPECIFICATIONS):

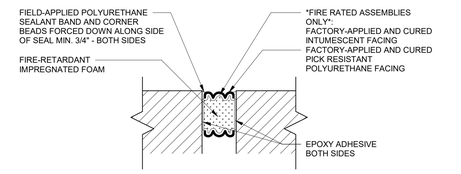
1. AT CHANGES IN WALL HEIGHT;
2. BETWEEN MAIN AND INTERSECTING WALLS;
3. AT CHANGES IN WALL THICKNESS, SUCH AS AT PIPE AND DUCT CHASES AND PILASTERS;
4. AT (ABOVE) MOVEMENT JOINTS IN FOUNDATIONS AND FLOORS;
5. AT (BELOW) MOVEMENT JOINTS IN ROOFS AND FLOORS THAT BEAR ON A WALL;
6. NEAR ONE OR BOTH SIDES OF DOOR AND WINDOW OPENINGS.

(GENERALLY, A CONTROL JOINT IS PLACED AT ONE SIDE OF AN OPENING LESS THAN 6 FT (1.83 M) WIDE AND AT BOTH JAMBS OF OPENINGS OVER 6 FT (1.83 M) WIDE. CONTROL JOINTS CAN BE AWAY FROM THE OPENING IF ADEQUATE TENSILE REINFORCEMENT IS PLACED ABOVE, BELOW, AND BESIDE WALL OPENINGS.);

7. ADJACENT TO CORNERS OF WALLS OR INTERSECTIONS WITHIN A DISTANCE EQUAL TO HALF THE CONTROL JOINT SPACING.

7 MISC DETAILS - TYPICAL CONTROL JOINT DETAILS

A570 SCALE: 3" = 1'-0"



JOINT GAPS FROM 1 3/4 TO 6 INCHES.
MOVEMENT: ±25% (TOTAL 50%) OF NOMINAL MATERIAL SIZE
FIRE RATED ASSEMBLIES ONLY: INSTALL IN ACCORDANCE WITH UL 2079.

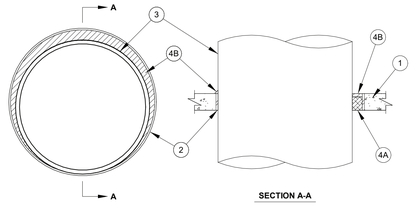
ALL ASSEMBLIES TO MATCH COLOR OF ADJACENT WALL MATERIALS

ALL ASSEMBLIES: ADJACENT CONSTRUCTION ASSEMBLY TO BE CAPABLE OF RESISTING 2.5 PSI BACK-PRESSURE OF SEAL MATERIAL.

8 EW- PRE-FORMED FOAM FILLER

A570 SCALE: 3" = 1'-0"

ANSI/UL1479 (ASTM E814)
F Rating — 2 and 3 Hr (See Item 3)
T Rating —0 Hr
L Rating At Ambient — Less Than 1 CFM/sq ft
L Rating At 400 F — 4 CFM/sq ft
W Rating — Class 1 (See Item 4)



1. FLOOR OR WALL ASSEMBLY - MIN. 4 1/2 IN. THICK REINFORCED CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS* MAXIMUM DIAMETER OF OPENING IS 32 IN.

2. METALLIC SLEEVE - NOM. 32 IN. DIAMETER (OR SMALLER) SCHEDULE 40 (OR HEAVIER) STEEL SLEEVE CAST OR GROUTED INTO FLOOR OR WALL ASSEMBLY, FLUSH WITH FLOOR OR WALL ASSEMBLY.

3. THROUGH PENETRANTS - ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE ANNULAR SPACE SHALL BE 0 IN. (POINT CONTACT) TO MAX 12 IN. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:

A. STEEL PIPE - NOM. 20" DIAMETER (OR SMALLER) SCHEDULE 10 (OR HEAVIER)
B. IRON PIPE - NOM. 20" DIAMETER (OR SMALLER) CAST OR DUCTILE
C. CONDUIT - NOM. 4" OR 6" DIAMETER (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR NOM. 6" DIAMETER STEEL CONDUIT
D. COPPER TUBING - NOM. 6" DIAMETER (OR SMALLER) TYPE L (OR HEAVIER)
E. COPPER PIPE - NOM. 4" DIAMETER (OR SMALLER) REGULAR (OR HEAVIER)

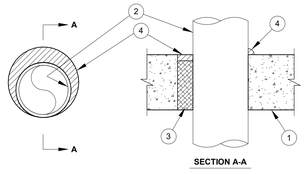
4. FIRESTOP SYSTEM - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:

A. PACKING MATERIAL - MIN 4 IN. THICKNESS OF MIN. 4 PCF MINERAL WOOL BATT INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM THE TOP END OF SLEEVE FOR FLOORS OR FROM BOTH ENDS OF SLEEVE FOR WALLS TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
B. FILL, VOID OR CAVITY MATERIAL* - SEALANT: MIN 1/2 IN. THICKNESS OF FILL MATERIAL APPLIED TO THE ANNULUS, FLUSH WITH THE TOP END OF SLEEVE FOR FLOORS OR WITH BOTH ENDS OF SLEEVE FOR WALLS. A MIN. 1/2 IN. THICK BEAD OF ALL MATERIAL TO BE INSTALLED AROUND PIPE AT INTERFACE OF SLEEVE FOR POINT CONTACT INSTALLATIONS.

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL CERTIFICATION MARK FOR JURISDICTION EMPLOYING THE UL CERTIFICATION

9 FIRE RATED PIPE PENETRATION

A570 SCALE: 12" = 1'-0"



ANSI/UL1479 (ASTM E814)
F Rating — 2 Hr
T Rating — 0 Hr
L Rating At Ambient — Less Than 1 CFM/sq ft
L Rating At 400 F — 4 CFM/sq ft
W Rating — Class 1 (See Item 4)

1. FLOOR OR WALL ASSEMBLY - MIN. 4 1/2 IN. THICK REINFORCED CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*, MAXIMUM DIAMETER OF OPENING IS 12 IN.

2. THROUGH PENETRANTS - ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED WITHIN THE FIRESTOP SYSTEM. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE ANNULAR SPACE SHALL BE 0 IN. (POINT CONTACT) TO MAX 1 1/4 IN. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:

A. STEEL PIPE - NOM. 10" DIAMETER (OR SMALLER) SCHEDULE 10 (OR HEAVIER)
B. IRON PIPE - NOM. 10" DIAMETER (OR SMALLER) CAST OR DUCTILE
C. CONDUIT - NOM. 4" DIAMETER (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR CONDUIT
D. COPPER TUBING - NOM. 4" DIAMETER (OR SMALLER) TYPE L (OR HEAVIER)
E. COPPER PIPE - NOM. 4" DIAMETER (OR SMALLER) REGULAR (OR HEAVIER)

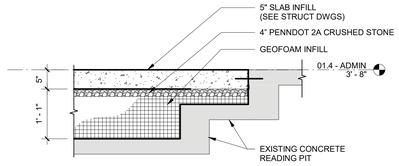
3. PACKING MATERIAL - MIN 3 IN. THICKNESS OF MIN. 4 PCF MINERAL WOOL BATT INSULATION FOR NOM. 4 IN. DIAMETER (AND SMALLER) PIPES, CONDUITS OR TUBING AND A MIN. 4 IN. THICKNESS OF MIN. 4 PCF MINERAL WOOL BATT INSULATION FOR PIPE GREATER THAN NOM. 4 IN. DIAMETER, FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM THE TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF WALL TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.

4. FILL, VOID OR CAVITY MATERIAL* - SEALANT: MIN 1/2 IN. THICKNESS OF FILL MATERIAL APPLIED TO THE ANNULUS, FLUSH WITH THE TOP SURFACE OF FLOOR OR BOTH SURFACES OF WALL. AT THE POINT OF CONTACT LOCATION BETWEEN PIPE AND CONCRETE, A MIN. 1/2 IN. DIAMETER BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE CONCRETE/PIPE INTERFACE ON THE TOP SURFACE OF FLOOR AND ON BOTH SURFACES OF WALL.

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL CERTIFICATION MARK FOR JURISDICTION EMPLOYING THE UL CERTIFICATION

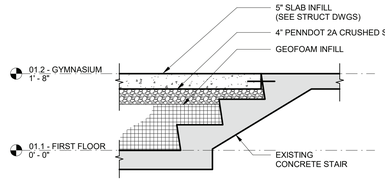
10 FIRE RATED PIPE PENETRATION

A570 SCALE: 12" = 1'-0"



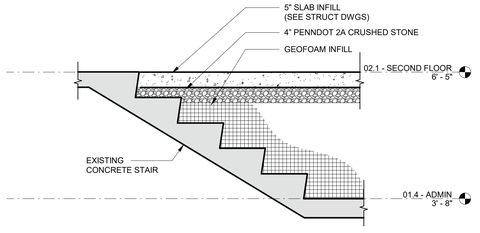
11 READING PIT INFILL DETAIL

A570 SCALE: 3/4" = 1'-0"



12 STAIR INFILL DETAIL

A570 SCALE: 3/4" = 1'-0"



13 STAIR INFILL DETAIL

A570 SCALE: 3/4" = 1'-0"

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MEP:
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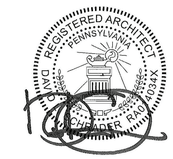
Bethlehem, PA 18018
(610) 694-8020

Structural Engineer
SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
(717) 299-8965

Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

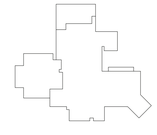
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:



Drawing Title:
MISCELLANEOUS DETAILS

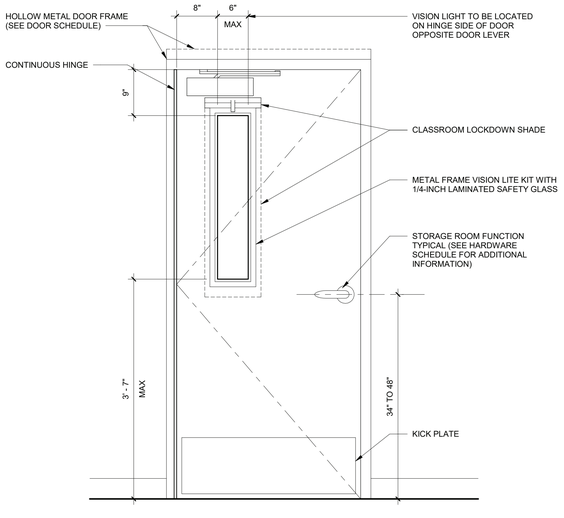
Drawing Number:
A570

DOOR AND FRAME SCHEDULE

NO.	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME DEPTH	GLAZING TYPE	FIRE RATING	COMMENTS
010	SW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	-	-	
011	SW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
012	SW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
013	SW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
014	SW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
015	SW	3' - 0"	6' - 11"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
016	SW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
017	SW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
018	SW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
019	SW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
020	SW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"	-	-	
021	SW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN EXISTING OPENING.
022	SW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN EXISTING OPENING.
023	SW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
024	SW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
025	SW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
026-1	SH	6' - 0"	6' - 10"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN ENLARGED OPENING
026-2	SH	3' - 0"	7' - 2"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
026A	SH	3' - 0"	6' - 10"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	-	90 MIN	NEW DOOR AND FRAME IN EXISTING OPENING.
026B	SH	6' - 0"	7' - 0"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	-	90 MIN	
027	SH	7' - 0"	6' - 8"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN EXISTING OPENING.
028	SH	6' - 4"	7' - 0"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	-	45 MIN	
029	SH	3' - 0"	7' - 2"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	-	45 MIN	
030	SW	3' - 0"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
031-1	SW	3' - 0"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN EXISTING OPENING.
031-2	SH	3' - 0"	7' - 0"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN EXISTING OPENING.
032	SW	3' - 0"	6' - 8"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
033	SW	3' - 0"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
034	SW	3' - 0"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
035	SW	2' - 8"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN EXISTING OPENING.
040	SW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	-	-	
041	SW	3' - 0"	6' - 8"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
042	SW	3' - 0"	6' - 8"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
043	SW	3' - 0"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
044	SW	3' - 0"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
045	SW	3' - 0"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
046	SW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	4	HOLLOW METAL	PAINT	5 3/4"	-	-	
047	SW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
048	SW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
050-1	SH	3' - 0"	7' - 0"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN EXISTING OPENING.
050-2	SH	5' - 0"	4' - 6"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN EXISTING OPENING.
051	SW	3' - 0"	7' - 1"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
052	SW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"	-	-	
101	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
102	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
103	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
104	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
104A	SW	6' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"	-	-	
105	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
106	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	-	
107	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	-	
108	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	-	
109	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	-	
110	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
111	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
112	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
113	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
114	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
115	SW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	-	-	ACCESS CONTROL
116	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
117	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
118	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
119	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
121	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
200-1	DA	3' - 0"	7' - 0"	2"	ALUMINUM	ANODIZED	IW03	ALUMINUM	ANODIZED	4 1/2"	S/S	-	ACCESS CONTROL. SAFETY AND SECURITY (S/S) WINDOW FILM
200-2	DA	3' - 0"	7' - 0"	2"	ALUMINUM	ANODIZED	IW05	ALUMINUM	ANODIZED	4 1/2"	T	-	
200-3	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	6 1/4"	-	-	
200A	SW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	6 1/4"	-	-	
200B	SW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"	-	-	
201-1	SW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"	-	-	
201-2	SW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"	-	-	
202	SW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"	-	-	
203-1	VW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	-	NEW DOOR AND FRAME IN EXISTING OPENING.
203-2	VW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	-	
204	VW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	-	NEW DOOR AND FRAME IN ENLARGED OPENING
205	VW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	-	
206-1	VW	4' - 8"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN ENLARGED OPENING
206-3	VH	6' - 0"	6' - 9"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	T	-	ACCESS CONTROL. NEW DOOR AND FRAME IN ENLARGED OPENING.
206A	SW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	-	-	
206B	VW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
206C	SW	5' - 8"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
206D	SW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	-	-	
207-1	VW	4' - 8"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN ENLARGED OPENING

DOOR AND FRAME SCHEDULE

NO.	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME DEPTH	GLAZING TYPE	FIRE RATING	COMMENTS
207-2	VW	3' - 0"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN EXISTING OPENING.
207A	SW	5' - 8"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
208-1	VH	3' - 8"	7' - 2"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	T	-	
208-2	SW	3' - 0"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
208-3	SW	3' - 0"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
208A	VH	3' - 0"	7' - 2"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	T	-	
208B	SH	3' - 0"	7' - 2"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
208C	SH	3' - 8"	7' - 2"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
209	SH	3' - 0"	6' - 10"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"		-	NEW DOOR AND FRAME IN EXISTING OPENING.
209A	SH	3' - 0"	6' - 10"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	8 1/4"		-	
209B	SH	3' - 0"	6' - 10"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	8 1/4"		-	ACCESS CONTROL
210-1	VW	3' - 0"	6' - 4"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"	T	-	
210-2	VW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	IW09	ALUMINUM	ANODIZED	4 1/2"	T	-	
210A	VW	3' - 3"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	-	NEW DOOR AND FRAME IN EXISTING OPENING.
211	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	IW08	ALUMINUM	ANODIZED	4 1/2"	T	-	
211A	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"	T	-	
220-1	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
220A	SW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	IW06	ALUMINUM	ANODIZED	4 1/2"	-	-	
220B	SW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"		-	
220C	SW	3' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"		-	NEW DOOR AND FRAME IN EXISTING OPENING.
220D	SH	6' - 0"	7' - 0"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
221	SW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"		-	
221A	SW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"		-	
222	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
301	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
302	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
303	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
304	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
305	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
306	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
307	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
308	SW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	ACCESS CONTROL
309	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
310	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
311	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
312	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
313	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
401	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
402	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
403	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
404	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
405	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"	T	-	
406	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
407	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
408	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
409	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
410	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
411	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	
412	SW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	-	-	ACCESS CONTROL
421	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"	T	-	
421A	SW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN EXISTING OPENING.
421B	SW	3' - 0"	7' - 1"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	
422	VW	3' - 0"	7' - 1"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	-	
422A	SW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN EXISTING OPENING.
423	VW	3' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"	T	-	
424-1	VW	3' - 0"	7' - 1"	1 3/4"	WOOD	STAIN	4	HOLLOW METAL	PAINT	5 3/4"	T	-	STC RATED DOOR
424-2	VW	3' - 0"	7' - 1"	1 3/4"	WOOD	STAIN	2	EXG - HM	PAINT	7"	T	-	STC RATED DOOR
425	VW	3' - 0"	7' - 1"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 7/8"	T	-	STC RATED DOOR
C103	SW	6' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN EXISTING OPENING. MAG HOLD OPEN
C107	DA	3' - 0"	7' - 0"	2"	ALUMINUM	ANODIZED	W07	ALUMINUM	ANODIZED	4 1/2"	T	-	ACCESS CONTROL
C108	DH	6' - 0"	7' - 0"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	T	-	
C110.2	DH	3' - 0"	7' - 0"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	T	-	
C204	SW	6' - 0"	6' - 2 3/4"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	-	-	NEW DOOR AND FRAME IN EXISTING OPENING. MAG HOLD OPEN
ST1-1.1	VH	6' - 0"	7' - 2"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	T	45 MIN	
ST1-1.2	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	45 MIN	
ST1-2	VW	5' - 0"	7' - 1"	1 3/4"	WOOD	STAIN	4	HOLLOW METAL	PAINT	5 3/4"	-	45 MIN	
ST2-1	VW	5' - 0"	7' - 0"	1 3/4"	WOOD	STAIN	4	HOLLOW METAL	PAINT	5 3/4"	-	45 MIN	NEW DOOR AND FRAME IN EXISTING OPENING.
ST2-2	VH	6' - 0"	7' - 0"	1 3/4"	HOLLOW METAL	PAINT	2	EXG - HM	PAINT	5 3/4"	T	45 MIN	NEW DOOR AND FRAME IN EXISTING OPENING.
ST3-1	VH	3' - 0"	7' - 2"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	T	45 MIN	EXIT ONLY
ST3-2	VW	3' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	45 MIN	
V101-1	DA	6' - 0"	7' - 2"	2"	ALUMINUM	ANODIZED		ALUMINUM	ANODIZED	0"	T	-	ACCESS CONTROL
V101-2	DA	6' - 0"	7' - 2"	2"	ALUMINUM	ANODIZED	IW10	ALUMINUM	ANODIZED	4 1/2"	T	-	
V201-1	DA	6' - 0"	7' - 0"	2"	ALUMINUM	ANODIZED	W03	ALUMINUM	ANODIZED	4 1/2"	L	-	ACCESS CONTROL, INTEGRAL MULLION
V201-2	DA	6' - 0"	7' - 0"	2"	ALUMINUM	ANODIZED	W03	ALUMINUM	ANODIZED	4 1/2"	L	-	REMOVABLE MULLION
V201-3	DA	6' - 0"	7' - 0"	2"	ALUMINUM	ANODIZED	IW01	ALUMINUM	ANODIZED	4 1/2"	S/S	-	INTEGRAL MULLION. SAFETY AND SECURITY (S/S) WINDOW FILM
V201-4	DA	6' - 0"	7' - 0"	2"	ALUMINUM	ANODIZED	IW01	ALUMINUM	ANODIZED	4 1/2"	S/S	-	REMOVABLE MULLION. SAFETY AND SECURITY (S/S) WINDOW FILM
V202-1	VH	6' - 0"	7' - 2"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	T	-	ACCESS CONTROL
V202-2	VW	6' - 0"	6' - 10"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	8 1/4"	T	-	
V203-1	DA	6' - 0"	7' - 0"	2"	ALUMINUM	ANODIZED	W06	ALUMINUM	ANODIZED	4 1/2"	T	-	ACCESS CONTROL
V203-2	DW	6' - 0"	6' - 9"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	-	NEW DOOR AND FRAME IN ENLARGED OPENING.
V301-1	VH	5' - 0"	8' - 0"	1 3/4"	HOLLOW METAL	PAINT	2	HOLLOW METAL	PAINT	5 3/4"	T	-	NEW DOOR AND FRAME IN EXISTING OPENING. ACCESS CONTROL
V301-2	VW	5' - 0"	7' - 2"	1 3/4"	WOOD	STAIN	2	HOLLOW METAL	PAINT	5 3/4"	T	-	NEW DOOR AND FRAME IN EXISTING OPENING.



1 TYPICAL CLASSROOM DOOR ELEVATION
A601 SCALE: 1" = 1'-0"

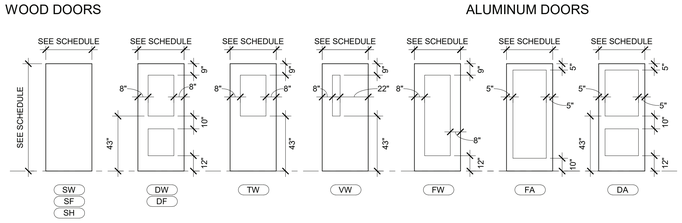
DOOR TYPES

PANELS:
S = SOLID
D = DOUBLE LITE
T = TOP LITE
V = VISION LITE
F = FULL LITE

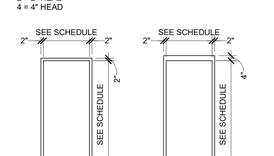
MATERIALS:
A = ALUMINUM
W = WOOD
H = HOLLOW METAL
F = FIBER-REINFORCED PLASTIC (FRP)

SPECIAL CONDITIONS:
CW = COUNTER WINDOW DOOR
CD = OVERHEAD COILING DOOR
CG = OVERHEAD GARAGE DOOR
PD = OVERHEAD PANEL DOOR
SG = SIDE-FOLDING GRILLE
AD = SIDE-FOLDING ACCORDION DOOR
PP = PANEL PARTITION
RC = ROLL-DOWN CURTAIN
FC = FIRE-RATED CURTAIN

WOOD DOORS



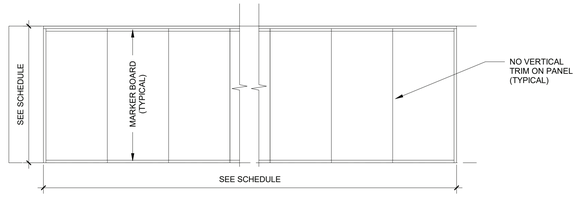
ALUMINUM DOORS



OPERABLE PARTITION SCHEDULE

NO.	LENGTH	CEILING HEIGHT	POCKET DOOR	COMMENTS
OP-1	22' - 11"	8' - 11"	No	FULL HEIGHT WHITE BOARD ON BOTH SIDES

NOTE: ALL SUPPLEMENTAL FRAMING REQUIRED FOR INSTALLATION OF FOLDING PARTITIONS SHALL BE PROVIDED BY SUPPLIER/INSTALLER PER MANUFACTURER RECOMMENDATIONS, INCLUDING BUT LIMITED TO UNISTRUT AND STEEL KICKER SUPPORT



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

FRAME TYPES

FRAMES:
2 = 2" HEAD
4 = 4" HEAD

GLAZING NOTES

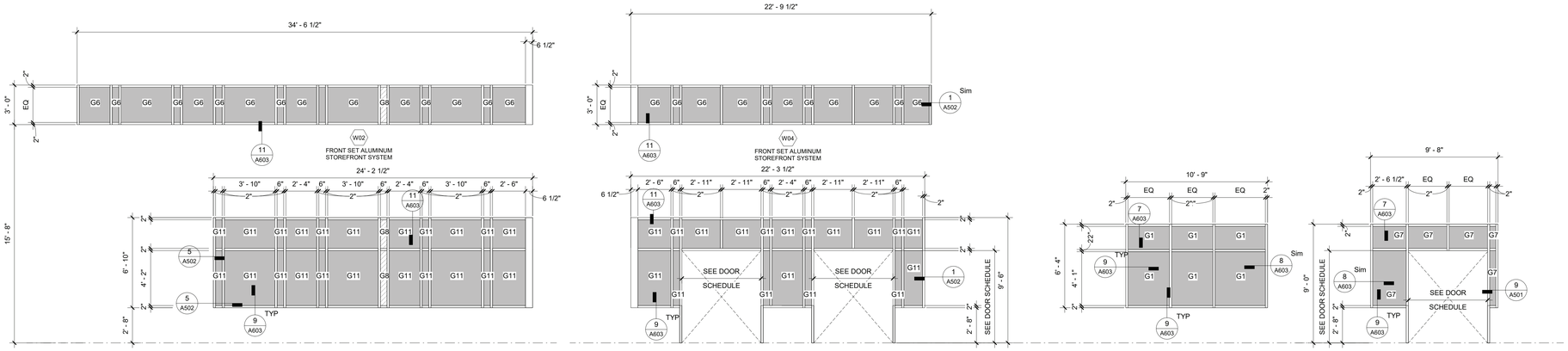
1. ALL GLASS WITHIN 24-INCHS OF A DOOR TO BE SAFETY TEMPERED GLASS "**T**" UNLESS OTHERWISE NOTED.
2. GLASS NOTED "**S/S**" IS TEMPERED GLASS WITH APPLIED SAFETY AND SECURITY WINDOW FILM. GLASS NOTED "**L**" IS LAMINATED TEMPERED GLAZING
3. ALL EXTERIOR GLAZING TO BE INSULATED UNITS UNLESS NOTED OTHERWISE.
4. GLAZING IDENTIFICATION NOTED IN THE DRAWINGS ARE NOT INTENDED TO REPLACE OR SUPERCEDE ANY ADDITIONAL PERFORMANCE REQUIREMENTS INDICATED IN THE SPECIFICATION FOR EACH OF THE GLAZING TYPES NOTED IN THE LEGEND BELOW.

CLEAR GLAZING

SPANDREL GLAZING

DOOR NOTES

1. DOOR CLOSING SPEED: TO MEET REQUIREMENTS OF ICC/ANSI A117.1-2009 404.2.8 ALL CLOSER EQUIPPED DOORS SHALL BE ADJUSTED AFTER INSTALLATION / BEFORE SUBSTANTIAL COMPLETION BY THE CONTRACTOR SO THAT FROM AN OPEN POSITION OF 90-DEGREES, THE TIME REQUIRED



WINDOW NOTES

1. PERIMETER DIMENSIONS ARE TO APPROXIMATE ROUGH OPENING. CONFIRM ROUGH OPENING REQUIREMENTS WITH THE STOREFRONT MANUFACTURER. ALL OTHER DIMENSIONS, INTERIOR AND EXTERIOR, ARE TO FACE OF FRAME.
2. PRIMARY BACKER ROD AND SEALANT SHALL BE INSTALLED AROUND WINDOW FRAME (BOTH SIDES). DO NOT BLOCK WINDOW WEEP SYSTEM. SECONDARY SEALANT SHALL BE INSTALLED AT WINDOW FRAME HEAD AND JAMBS ONLY. SILL TO REMAIN SEALANT FREE TO MAINTAIN DRAINAGE. SECONDARY SEALANT COLOR TO BE SELECTED BY ARCHITECT.
3. ALL FRAMES ARE TO BE THERMALLY BROKEN EXCEPT FOR TYPES MARKED AS INTERIOR.
4. COORDINATE REQUIREMENTS OF RECEPTOR PLATE AT STOREFRONT SILL WITH STOREFRONT MANUFACTURE.
5. ALL GLASS WITHIN 24-INCHS OF A DOOR TO BE SAFETY TEMPERED GLASS (T) UNLESS OTHERWISE NOTED.
6. BALLISTIC AND FIRE RATED WINDOWS SHOULD HAVE CONSISTENT RATINGS FOR FRAMES AND GLAZING.
7. WINDOW FRAME AND GLAZING DETAILS TO BE CONSISTENT WITH BALLISTIC OR FIRE RATING OF ENTIRE ASSEMBLY AND ASSOCIATED PARTITION.
8. SEE SECURITY SPECIFICATIONS FOR ALL SECURITY WINDOW INFORMATION.
9. GROUT FULL, REINFORCE AND ANCHOR AS REQUIRED.
10. ALL EXTERIOR GLAZING TO BE INSULATED UNITS UNLESS NOTED OTHERWISE.
11. PROVIDE SCREENS AND WICKETS AT ALL OPERABLE WINDOW UNITS, UNLESS OTHERWISE NOTED.
12. HOPPER WINDOWS SHALL BE IN-SWING TYPE WITH EXTERIOR SCREENS, (TYPICAL), UNLESS NOTED OTHERWISE.
13. CASEMENT WINDOWS SHALL BE IN-SWING TYPE WITH EXTERIOR SCREENS, (TYPICAL), UNLESS NOTED OTHERWISE.
14. EGRESS WINDOWS ('EGRESS') SHALL BE OUT-SWING CASEMENT TYPE (TYPICAL). PROVIDE EGRESS WINDOW HARDWARE AT UNITS. NO SCREEN OR WICKET TO BE INSTALLED AT EGRESS WINDOWS.

GLAZING NOTES

1. ALL GLASS WITHIN 24-INCHS OF A DOOR TO BE SAFETY TEMPERED GLASS **'T'** UNLESS OTHERWISE NOTED.
2. GLASS NOTED **'S/S'** IS TEMPERED GLASS WITH APPLIED SAFETY AND SECURITY WINDOW FILM. GLASS NOTED **'L'** IS LAMINATED TEMPERED GLAZING
3. ALL EXTERIOR GLAZING TO BE INSULATED UNITS UNLESS NOTED OTHERWISE.
4. GLAZING IDENTIFICATION NOTED IN THE DRAWINGS ARE NOT INTENDED TO REPLACE OR SUPERCEDE ANY ADDITIONAL PERFORMANCE REQUIREMENTS INDICATED IN THE SPECIFICATION FOR EACH OF THE GLAZING TYPES NOTED IN THE LEGEND BELOW:

CLEAR GLAZING

SPANDREL GLAZING

GLAZING KEY

G1	HIGH VLT
G2	HIGH VLT TEMPERED GLAZING
G6	LOW VLT
G7	HIGH VLT TEMPERED GLAZING
G7	LOW VLT
G7	LOW VLT TEMPERED GLAZING
G8	LOW VLT SPANDREL GLAZING
G11	LOW VLT LAMINATED TEMPERED GLAZING
S/S	TEMPERED W/ SAFETY AND SECURITY WINDOW FILM
T	TEMPERED

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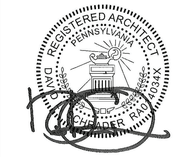

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782 Springdale Drive, Exton, PA 19341

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725 West Market Street
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ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

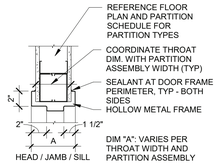
DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

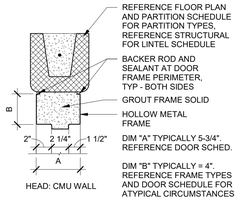
Key Plan:

Drawing Title:
FRAME ELEVATIONS

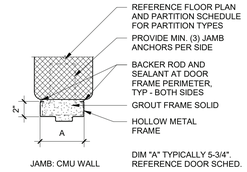
Drawing Number:
A602



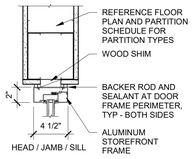
1 HM FRAME - GYPSUM WALL
A603 SCALE: 1 1/2" = 1'-0"



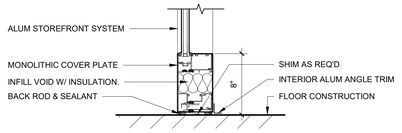
2 HM FRAME - MASONRY HEAD
A603 SCALE: 1 1/2" = 1'-0"



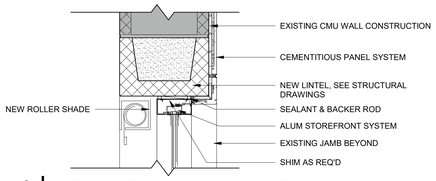
3 HM FRAME - MASONRY JAMB
A603 SCALE: 1 1/2" = 1'-0"



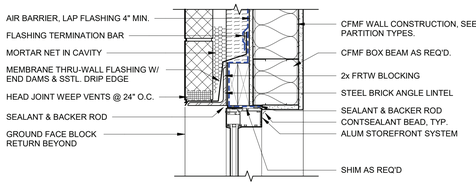
4 SF FRAME - GYPSUM WALL
A603 SCALE: 1 1/2" = 1'-0"



5 8" STOREFRONT BASE DETAIL
A603 SCALE: 1 1/2" = 1'-0"



6 ENTRANCE LOBBY STOREFRONT HEAD
A603 SCALE: 1 1/2" = 1'-0"



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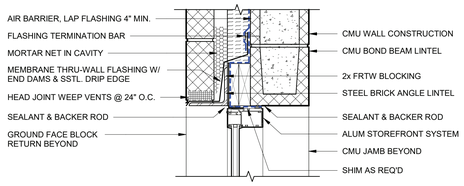

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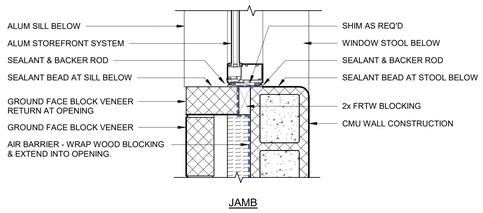
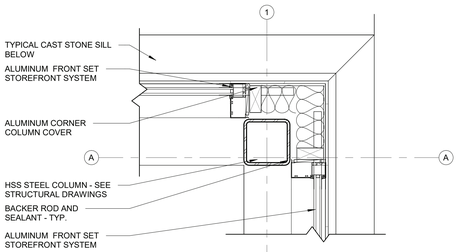
7 SF FRAME DETAIL - GB-S6
A603 SCALE: 1 1/2" = 1'-0"



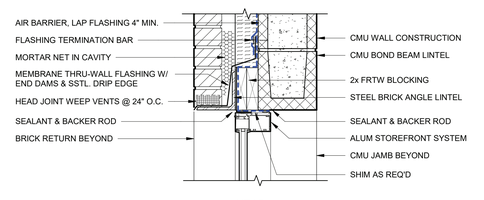
JAMB



8 FRAME CORNER DETAIL
A603 SCALE: 1 1/2" = 1'-0"
REFERENCE: 2 / A602

SILL

9 SF FRAME DETAILS - GB-M8
A603 SCALE: 1 1/2" = 1'-0"



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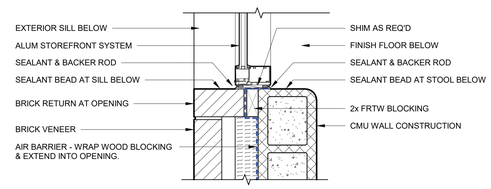
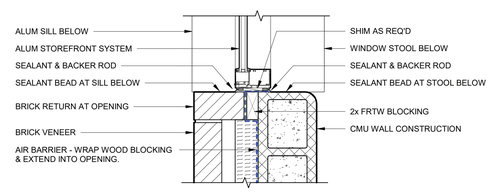
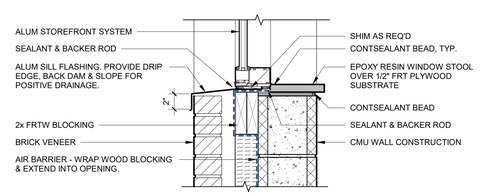


JAMB @ SIDELITE



JAMB @ WINDOW



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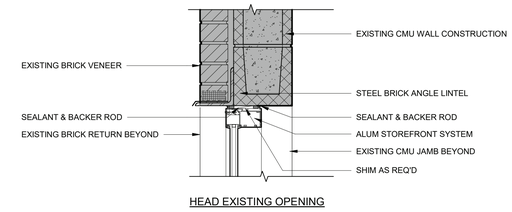
12 SF FRAME DETAILS - BR-M8
A603 SCALE: 1 1/2" = 1'-0"



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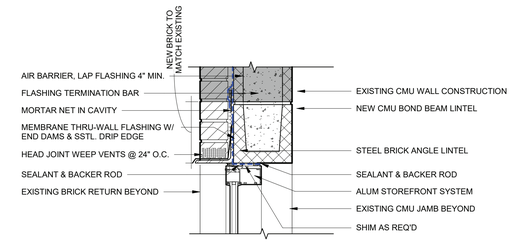
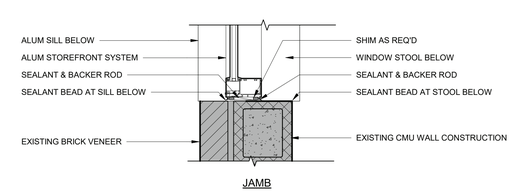


HEAD NEW OPENING



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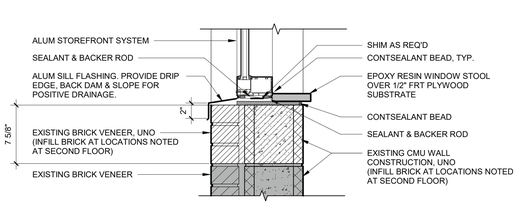

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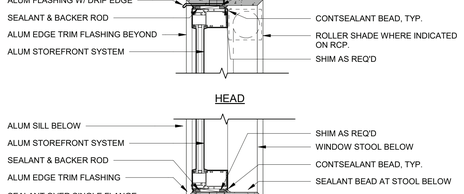
13 SF FRAME DETAILS - EXISTING BRICK VENEER
A603 SCALE: 1 1/2" = 1'-0"



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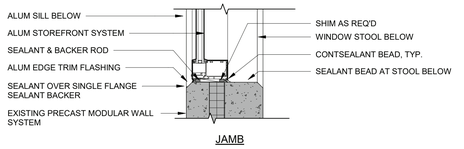

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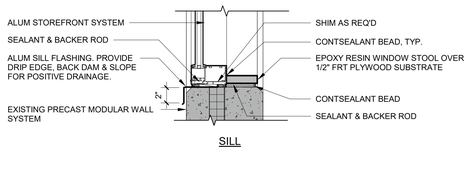
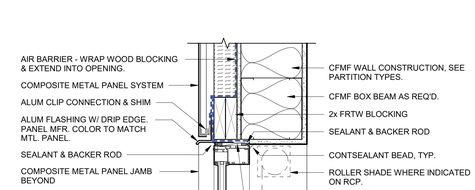


SILL

10 EXISTING MODULAR FRAME DETAIL
A603 SCALE: 1 1/2" = 1'-0"
REFERENCE: 2 / A602



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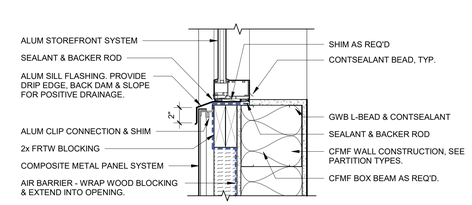

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11 SF FRAME DETAILS - MC-S8
A603 SCALE: 1 1/2" = 1'-0"

0' 6" 1' 2'

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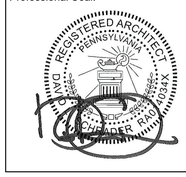
Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

ISSUED FOR:

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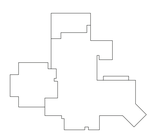
DATE: 12/03/2024

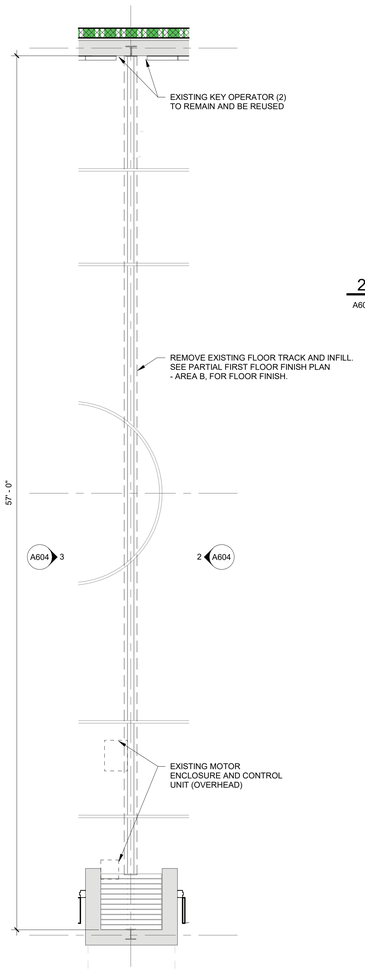
SGA PROJECT NUMBER: 23-029

Key Plan:

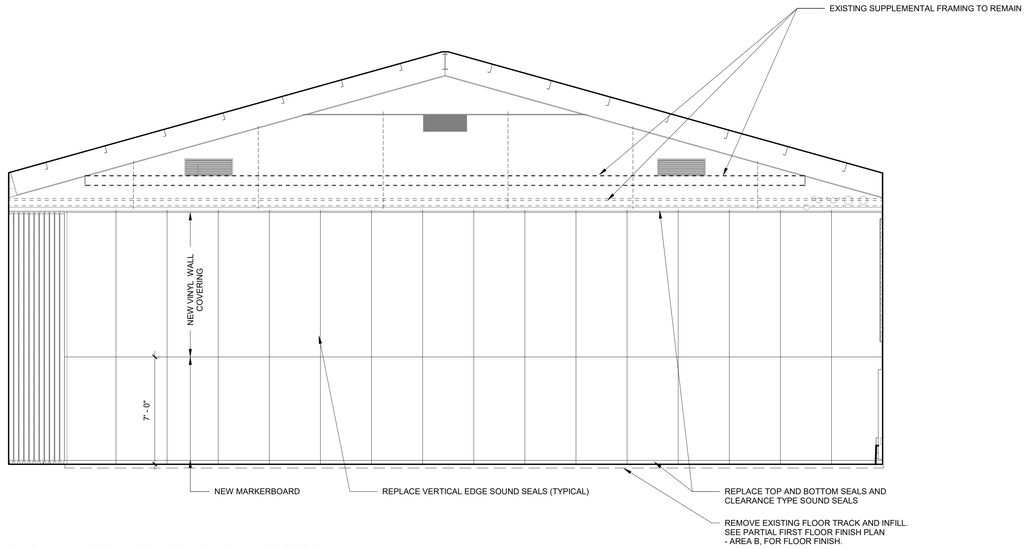


Drawing Title:
FRAME DETAILS

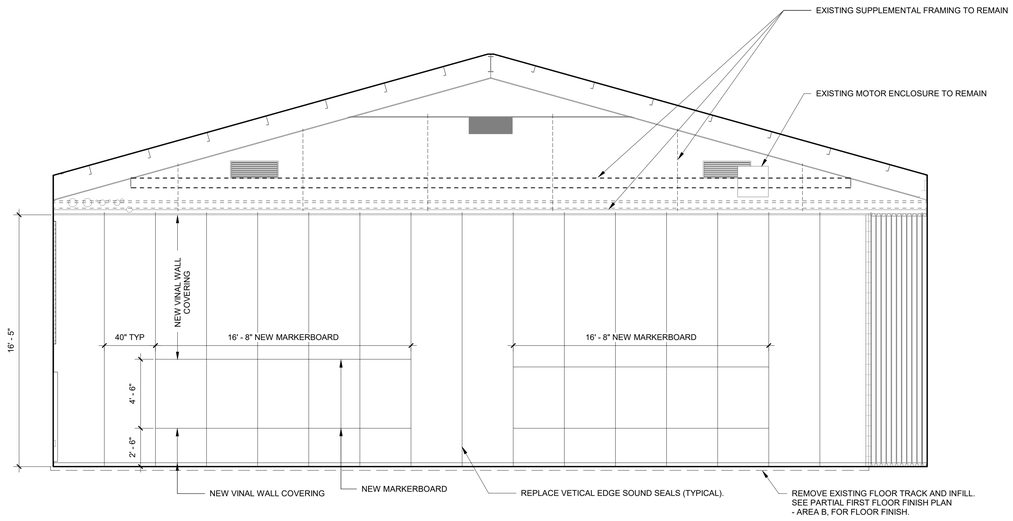
Drawing Number:
A603



1 | A604 OPERABLE PANEL PARTITION - PLAN
SCALE: 1/4" = 1'-0"



2 | A604 OPERABLE PANEL PARTITION ELEVATION - CAFETERIA SIDE
SCALE: 1/4" = 1'-0"



3 | A604 OPERABLE PANEL PARTITION ELEVATION - GYM SIDE
SCALE: 1/4" = 1'-0"

OPERABLE PARTITION GENERAL NOTES

1. EXISTING OPERABLE PARTITION IS PANELFOLD INC. SERIES 440 MODUFLEX CONTINUOUSLY HINGED ELECTRICAL OPERATED.
2. EXISTING OPERABLE PARTITION PANELS ARE TO BE TEMPORARILY REMOVED (SEE DEMO DRAWINGS) AND REINSTALLED.
3. CONTRACTOR TO REFURBISH PANELS BY REMOVING EXISTING VINYL COVERING AND EDGE SOUND SEALS AND INSTALLING NEW VINYL COVERING, MARKERBOARD SURFACES AND SOUND SEALS TO EXTENTS SHOWN.
4. MARKERBOARD: WHITE ENAMEL ON STEEL, BONDED TO THE FACE OF THE PANEL WITH HORIZONTAL TRIM WITHOUT EXPOSED FASTENERS. TRIM IS NOT ACCEPTABLE ON VERTICAL EDGES TO PROVIDE UNINTERRUPTED WORK SURFACE.
5. VINYL WALL COVERING: REINFORCED VINYL WITH WOVEN BACKING WEIGHING NOT LESS THAN 21 OUNCES (595 GRAMS) PER LINEAL YARD, CLASS "A" RATED MATERIAL.
   VINYL FINISH COLOR: SELECTED FROM MANUFACTURER'S FULL RANGE OF COLORS
6. SOUNDS SEALS:
   A. VERTICAL SOUND SEALS: REPLACE EXISTING WITH CONTINUOUS VINYL SEALS WITH DEEP NESTING INTERLOCKING TYPE AT OUTBOARD EDGES OF PANEL FACES IN DOUBLE ROW WITH ACOUSTICAL LABYRINTH DESIGN - DOUBLE ROW . NO VERTICAL TRIM ON PANEL (TYPICAL).
   B. TOP AND BOTTOM SEALS: REPLACE EXISTING WITH CONTINUOUS CONTRACT TYPE (TYPICAL).
   C. CLEARANCE TYPE SOUND SEALS: REPLACE EXISTING WITH MECHANISM AS NECESSARY TO PRODUCE SUFFICIENT DOWNWARD PRESSURE TO ENSURE ACOUSTICAL SEAL AND RESIST PANEL MOVEMENT (TYPICAL).

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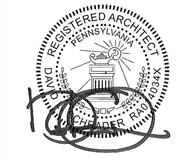
Professional Seal:



Owner:
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782 Springdale Drive, Exton, PA 19341

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HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
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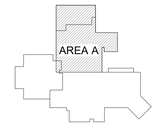
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

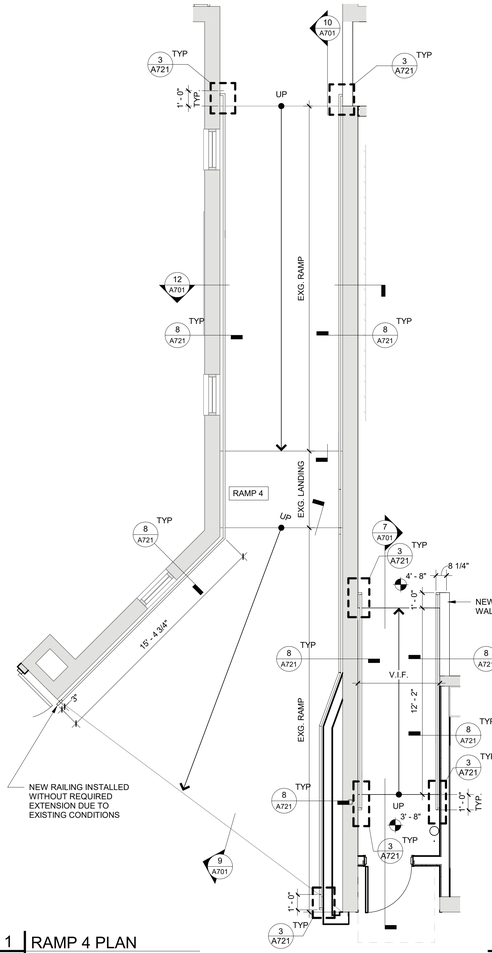


Drawing Title:
OPERABLE PANEL PARTITION

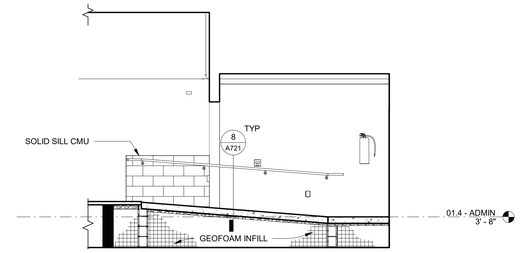
Drawing Number:
A604

True Project

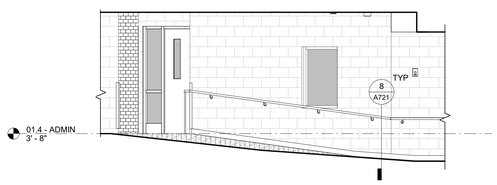
NOTE: PROVIDE NEW HANDRAILS AT ALL EXISTING RAMPS AND STAIRS SHOWN UNLESS OTHERWISE NOTED.



1 | RAMP 4 PLAN
A701 SCALE: 1/4" = 1'-0"



7 | RAMP 4B SECTION 1
A701 SCALE: 1/4" = 1'-0"



9 | RAMP 4 SECTION 3
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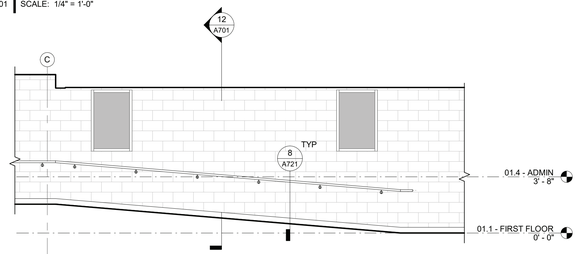
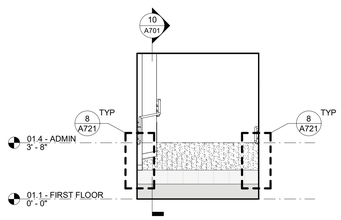
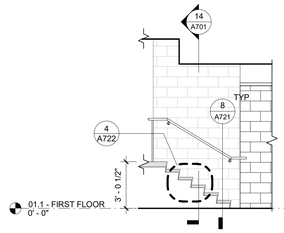


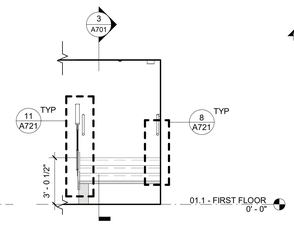
10 | RAMP 4 SECTION 1
A701 SCALE: 1/4" = 1'-0"



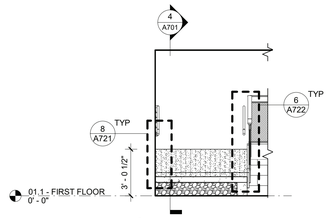
12 | RAMP 4 SECTION 2
A701 SCALE: 1/4" = 1'-0"



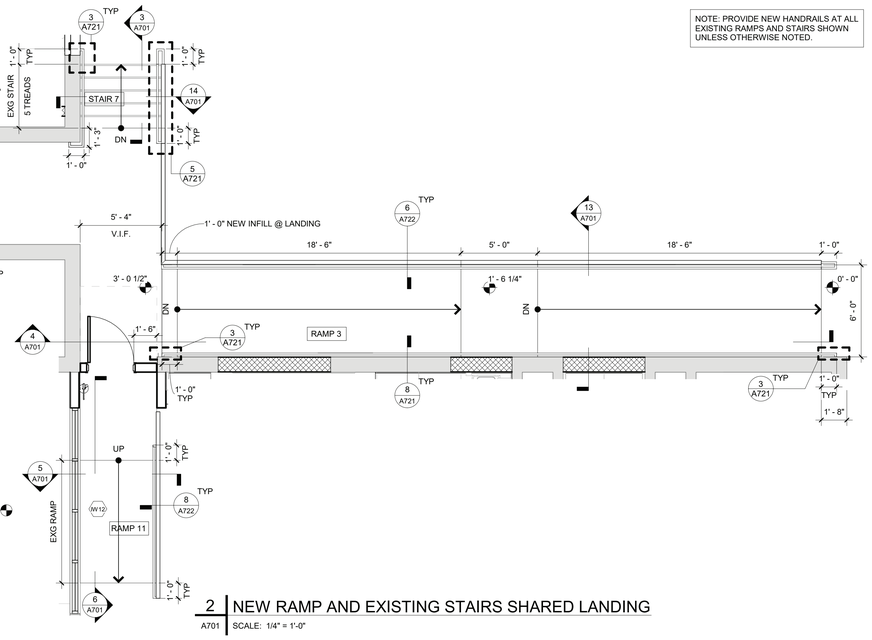
3 | STAIR 7 SECTION 1
A701 SCALE: 1/4" = 1'-0"



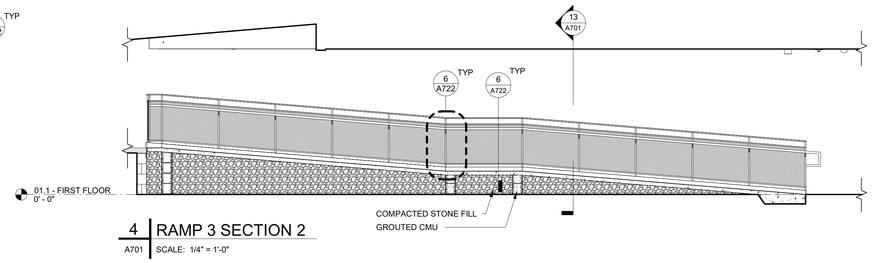
14 | STAIR 7 SECTION 2
A701 SCALE: 1/4" = 1'-0"



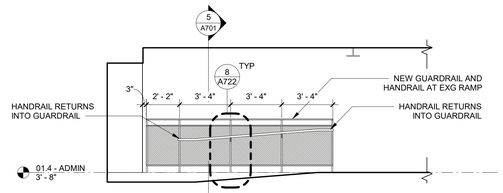
13 | RAMP 3 SECTION 1
A701 SCALE: 1/4" = 1'-0"



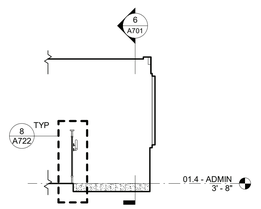
2 | NEW RAMP AND EXISTING STAIRS SHARED LANDING
A701 SCALE: 1/4" = 1'-0"



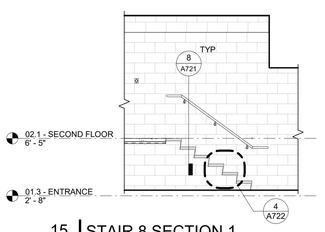
4 | RAMP 3 SECTION 2
A701 SCALE: 1/4" = 1'-0"



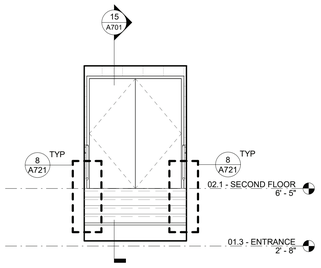
6 | RAMP 11 SECTION 1
A701 SCALE: 1/4" = 1'-0"



5 | RAMP 11 SECTION 2
A701 SCALE: 1/4" = 1'-0"



15 | STAIR 8 SECTION 1
A701 SCALE: 1/4" = 1'-0"



16 | STAIR 8 SECTION 2
A701 SCALE: 1/4" = 1'-0"

2' 0' 8' 4' 24' 16'

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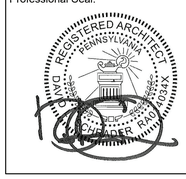

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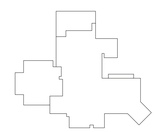
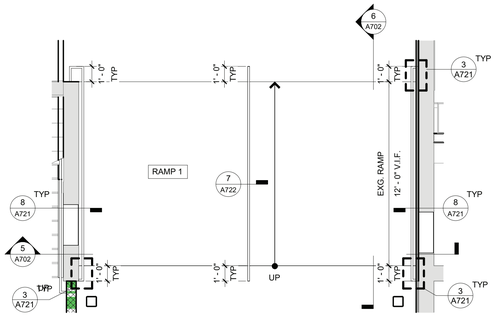
Key Plan:



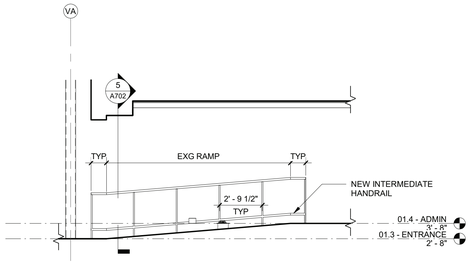
Drawing Title:
STAIRS AND RAMPS

Drawing Number:
A701

NOTE: PROVIDE NEW HANDRAILS AT ALL EXISTING RAMPS AND STAIRS SHOWN UNLESS OTHERWISE NOTED.



1 RAMP 1 PLAN - EXISTING
A702 SCALE: 1/4" = 1'-0"



6 RAMP 1 SECTION 02
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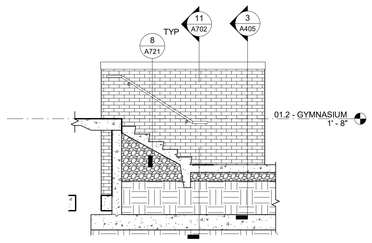
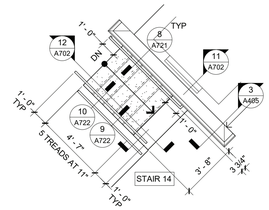


12 STAIR 14 SECTION 02
A702 SCALE: 1/4" = 1'-0"



4 STAIR 14 PLAN
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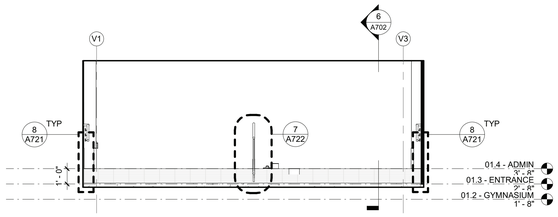

5 RAMP 1 SECTION 01
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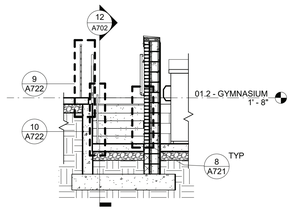

11 STAIR 14 SECTION 01
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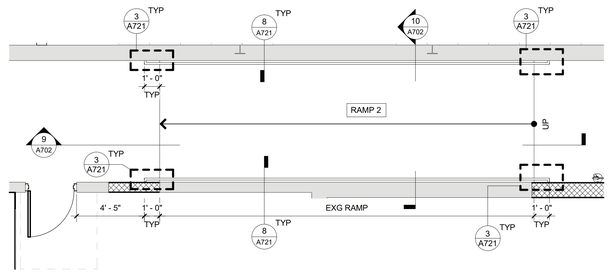

3 RAMP 2 PLAN
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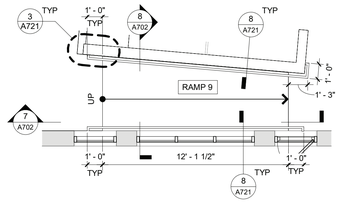
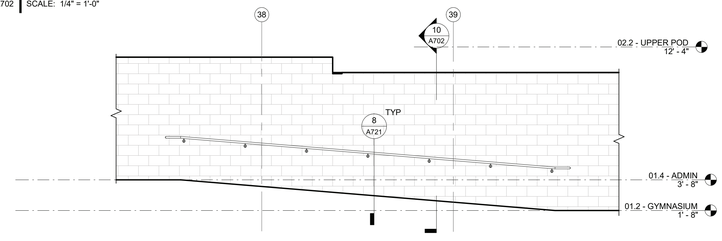


2 RAMP 9 PLAN
A702 SCALE: 1/4" = 1'-0"



9 RAMP 2 SECTION 01
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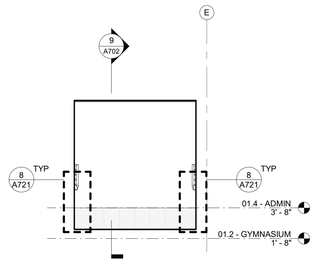

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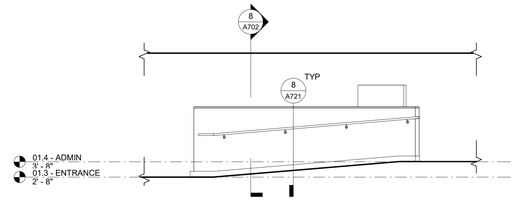

7 RAMP 9 SECTION 01
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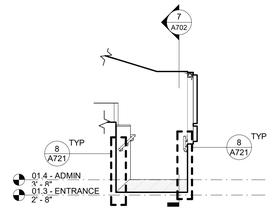

8 RAMP 9 SECTION 02
A702 SCALE: 1/4" = 1'-0"

True Project

0' 2' 4' 8' 16' 24'

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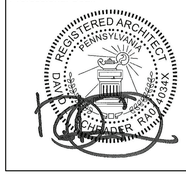

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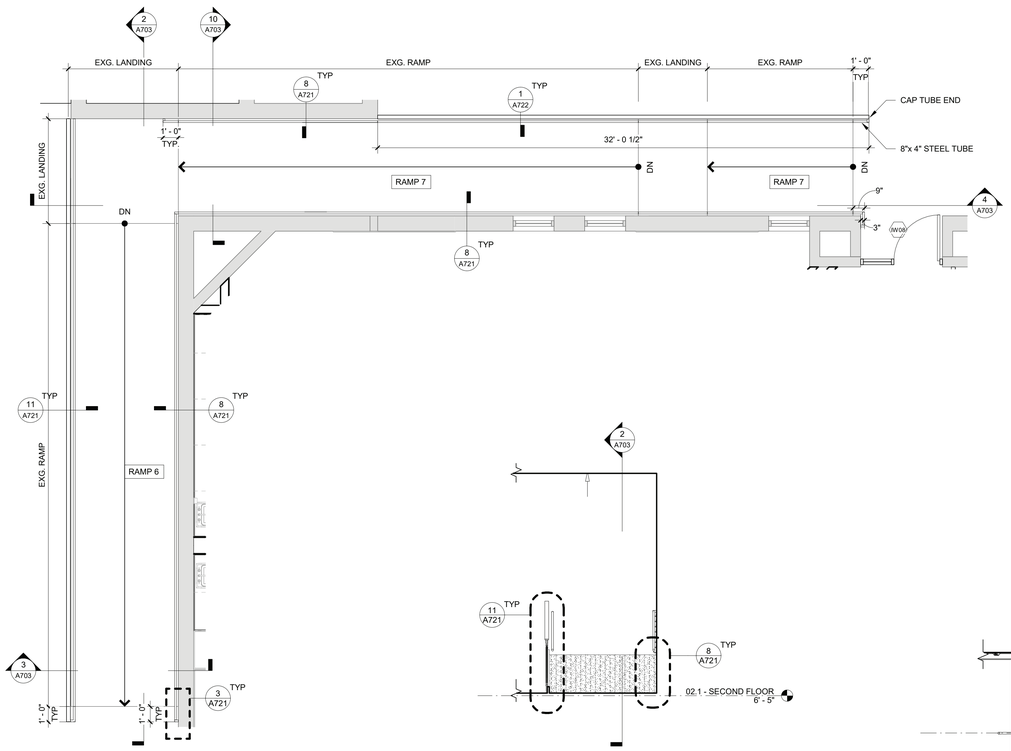
Key Plan:

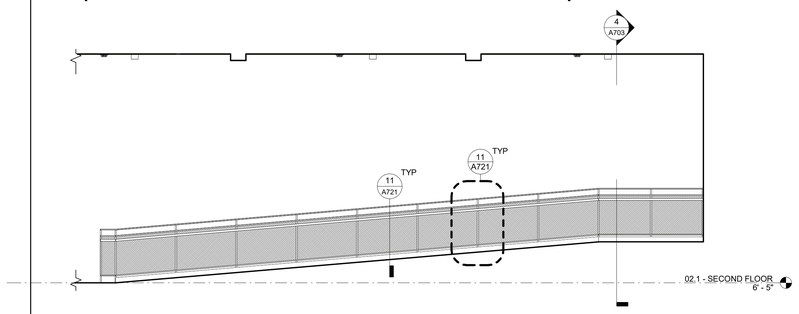
Drawing Title:
STAIRS AND RAMPS

Drawing Number:
A702



1 | RAMP 6 / 7 PLAN
A703 | SCALE: 1/4" = 1'-0"

3 | RAMP 6 SECTION 02
A703 | SCALE: 1/4" = 1'-0"



2 | RAMP 6 SECTION 01
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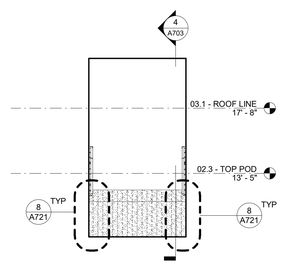

10 | RAMP 7 SECTION 01
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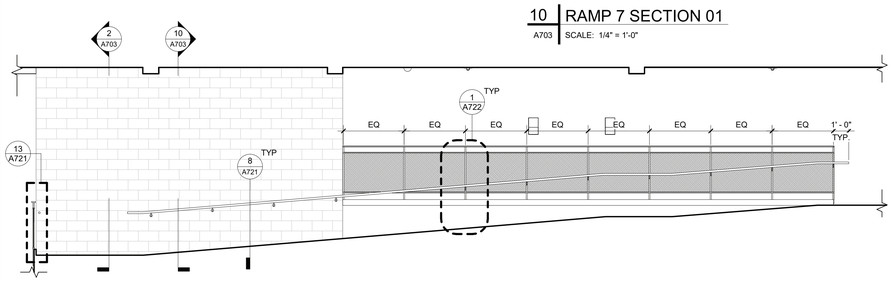
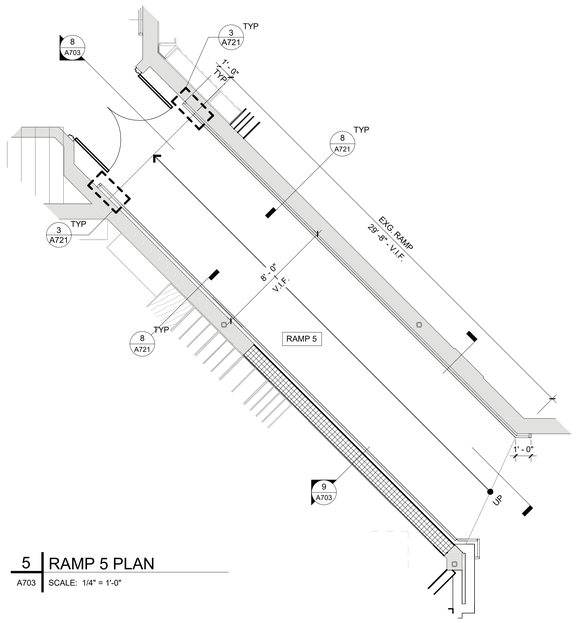


4 | RAMP 7 SECTION 02
A703 | SCALE: 1/4" = 1'-0"



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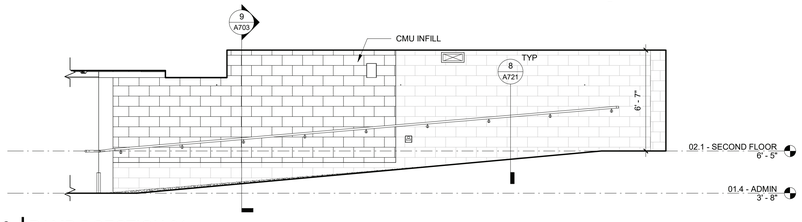
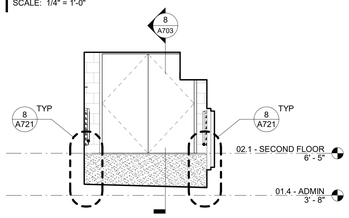
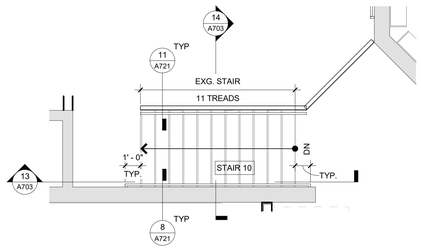
A703 | SCALE: 1/4" = 1'-0"



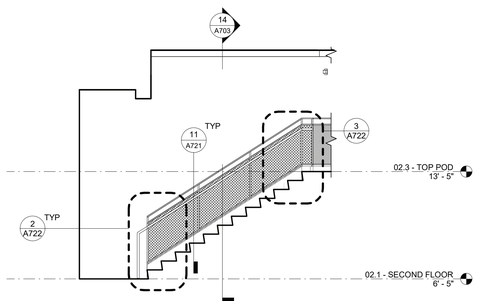
8 | RAMP 5 SECTION 01
A703 | SCALE: 1/4" = 1'-0"



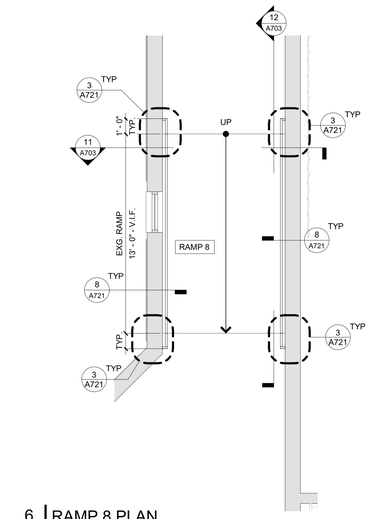
9 | RAMP 5 SECTION 02
A703 | SCALE: 1/4" = 1'-0"



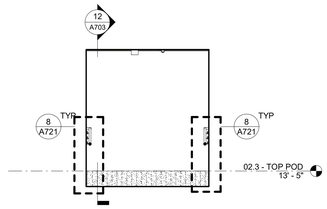
7 | STAIR 10 PLAN
A703 | SCALE: 1/4" = 1'-0"



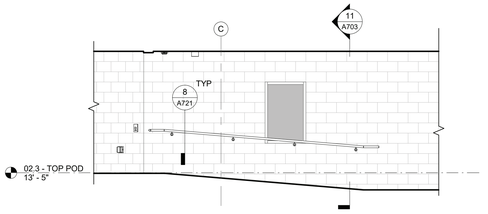
13 | STAIR 10 SECTION 01
A703 | SCALE: 1/4" = 1'-0"



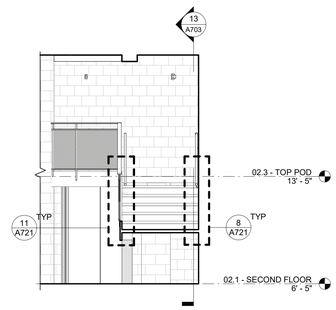
6 | RAMP 8 PLAN
A703 | SCALE: 1/4" = 1'-0"



11 | RAMP 8 SECTION 01
A703 | SCALE: 1/4" = 1'-0"



12 | RAMP 8 SECTION 02
A703 | SCALE: 1/4" = 1'-0"



14 | STAIR 10 SECTION 02
A703 | SCALE: 1/4" = 1'-0"

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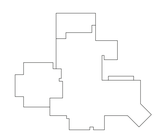
SGA PROJECT NUMBER: 23-029

Key Plan:

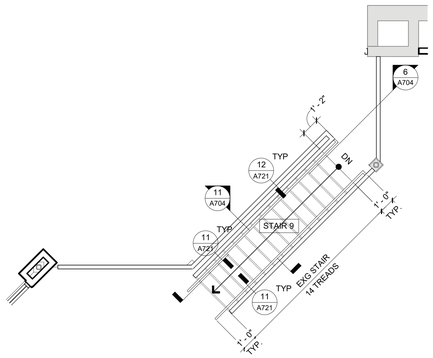


Drawing Title:

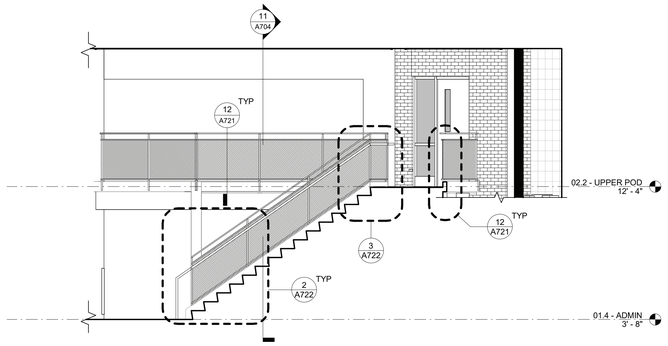
STAIRS AND RAMPS

Drawing Number:

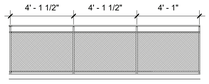
A703



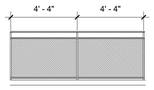
1 STAIR 9 PLAN
A704 SCALE: 1/4" = 1'-0"



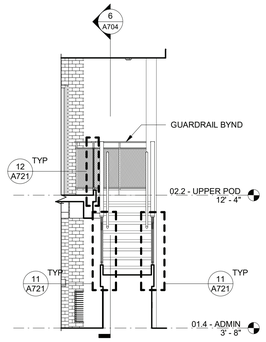
6 STAIR 9 SECTION 01
A704 SCALE: 1/4" = 1'-0"



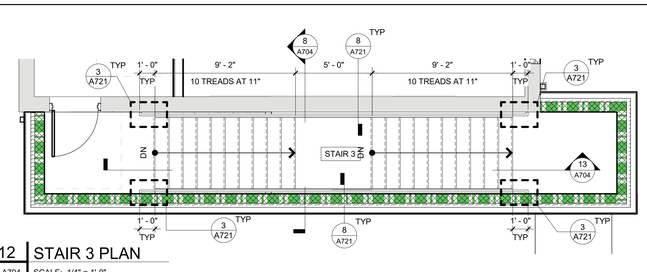
14 GR ELEVATION
A704 SCALE: 1/4" = 1'-0"



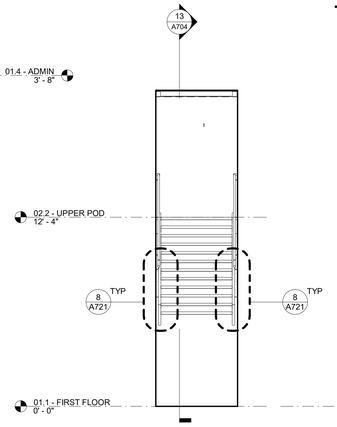
15 GR ELEVATION
A704 SCALE: 1/4" = 1'-0"



11 STAIR 9 SECTION 02
A704 SCALE: 1/4" = 1'-0"



12 STAIR 3 PLAN
A704 SCALE: 1/4" = 1'-0"



8 STAIR 3 SECTION 02
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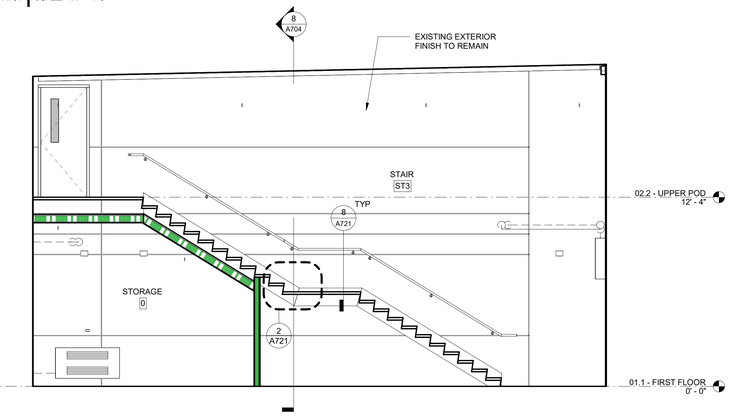

13 STAIR 3 SECTION 01
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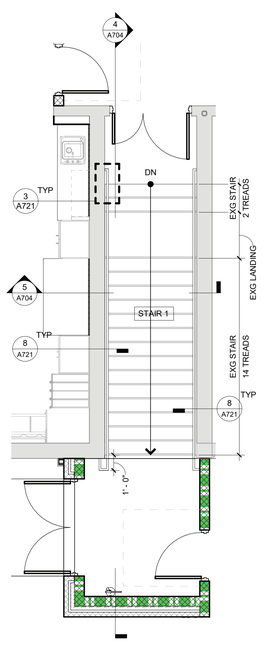
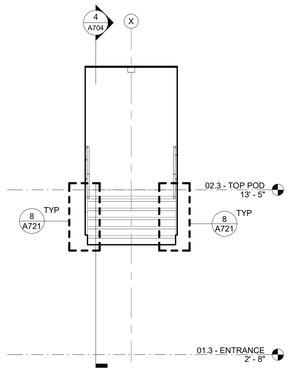
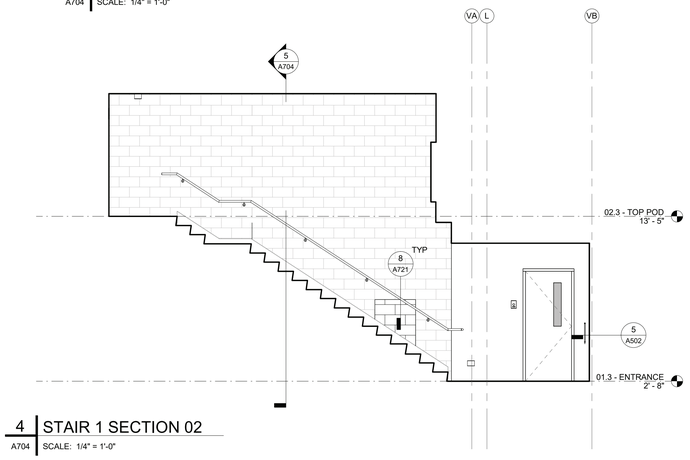


7 STAIR 1 PLAN
A704 SCALE: 1/4" = 1'-0"



5 STAIR 1 ELEVATION 01
A704 SCALE: 1/4" = 1'-0"



4 STAIR 1 SECTION 02
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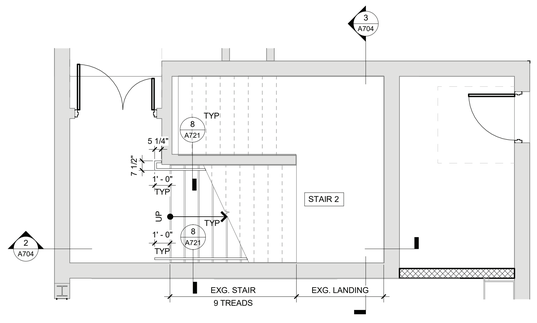
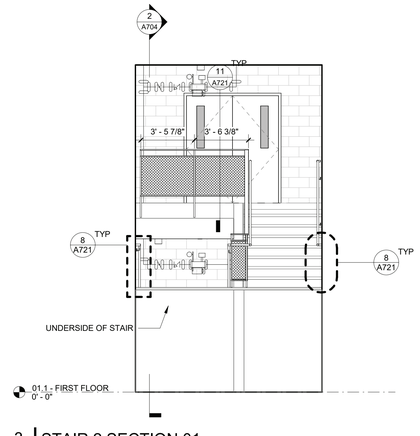
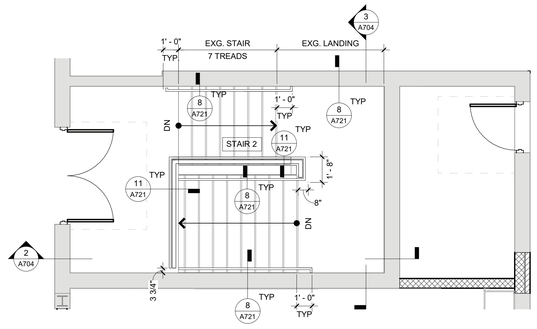


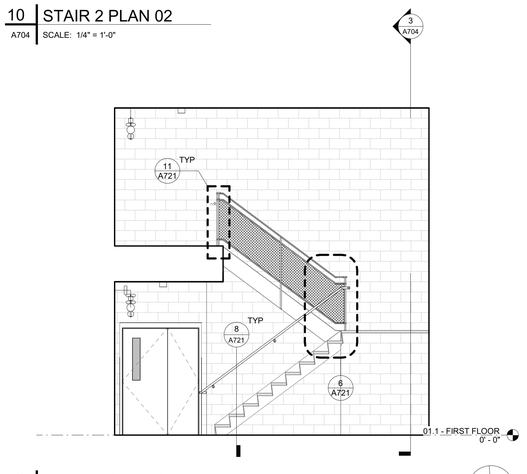
9 STAIR 2 PLAN 01
A704 SCALE: 1/4" = 1'-0"



3 STAIR 2 SECTION 01
A704 SCALE: 1/4" = 1'-0"



10 STAIR 2 PLAN 02
A704 SCALE: 1/4" = 1'-0"



2 STAIR 2 SECTION 02
A704 SCALE: 1/4" = 1'-0"

True Project

2" 8" 24"
0' 4" 16"

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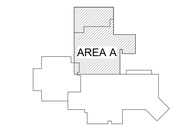
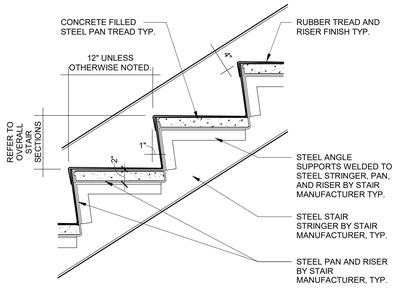
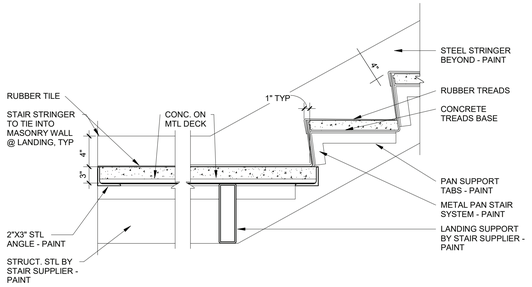


Drawing Title:
STAIRS AND RAMPS

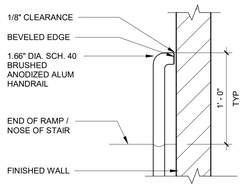
Drawing Number:
A704



1 TYPICAL STAIR DETAIL
A721 SCALE: 1 1/2" = 1'-0"



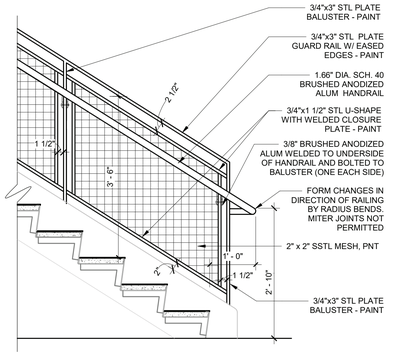
2 STAIR LANDING DETAIL
A721 SCALE: 1 1/2" = 1'-0"



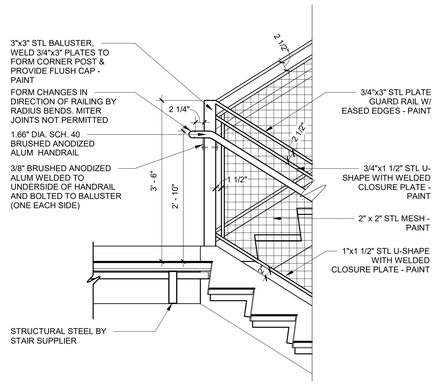
3 HANDRAIL RETURN TO WALL - PLAN
A721 SCALE: 1 1/2" = 1'-0"

STAIR AND RAILING NOTES:

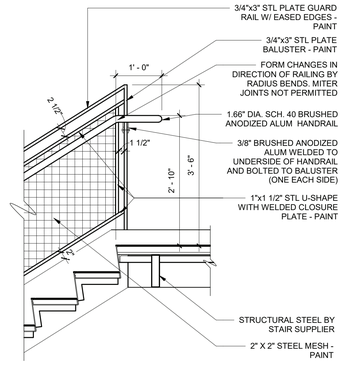
1. ALL EXPOSED STL STAIR FRAMING SHALL BE DESIGNATED AS AESS.
2. ALL STEEL FINISH COATING TO BE FIELD-APPLIED.
3. FABRICATOR SHALL GRIND WELDS OF AESS SMOOTH. FOR GROOVE WELDS, THE WELD SHALL BE MADE FLUSH TO THE SURFACES EACH SIDE AND BE WITHIN +1/16",-0" OF PLATE THICKNESS.
4. FORM CHANGES IN DIRECTION OF RAILINGS BY RADIUS BENDS. MITER JOINTS NOT PERMITTED.
5. CAST IN PLACE CONCRETE STAIRS TO BE FORMED TO ACCEPT RUBBER TREADS & RISERS.
6. SHOP PREP AND PRIME ALL STEEL STAIR SURFACES. FIELD APPLY FINISH PAINT.



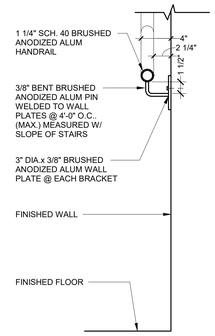
5 RAILING DETAIL - BOTTOM OF STAIR
A721 SCALE: 3/4" = 1'-0"



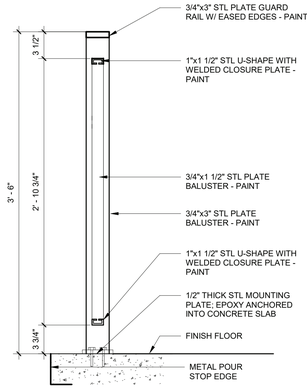
6 RAILING DETAIL - STAIR LANDING
A721 SCALE: 3/4" = 1'-0"



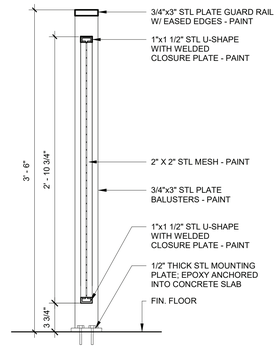
7 RAILING DETAIL - TOP OF STAIR
A721 SCALE: 3/4" = 1'-0"



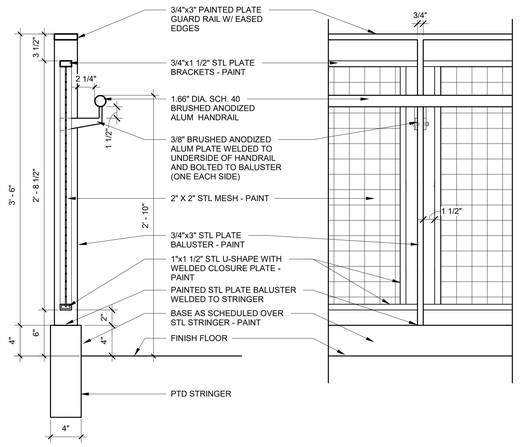
8 WALL MOUNTED HANDRAILS
A721 SCALE: 1 1/2" = 1'-0"



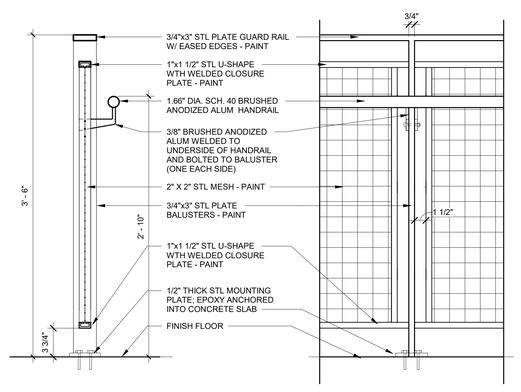
9 SURFACE MOUNTED GR SECTION PICKETS
A721 SCALE: 1 1/2" = 1'-0"



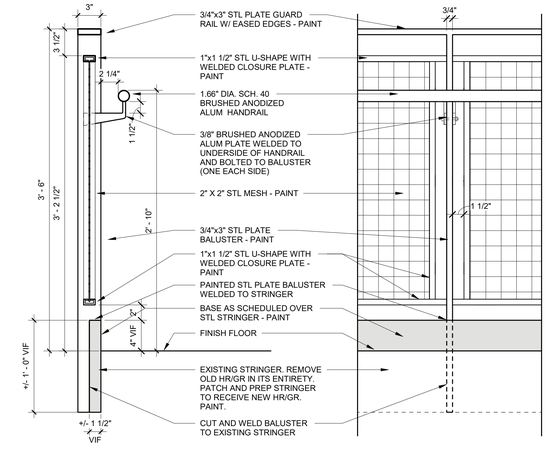
10 SURFACE MOUNTED GR SECTION
A721 SCALE: 1 1/2" = 1'-0"



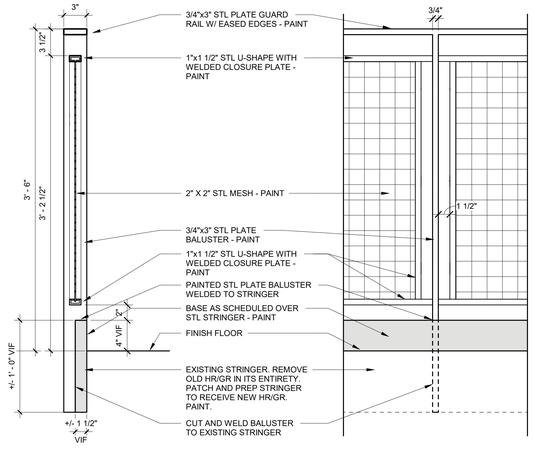
13 GUARD/HANDRAIL SECTION & ELEVATION
A721 SCALE: 1 1/2" = 1'-0"



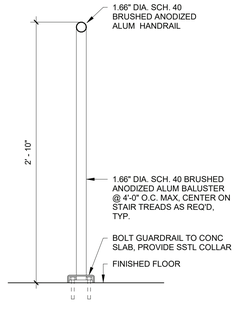
14 SURFACE MOUNTED GUARDRAIL & HR SECTION
A721 SCALE: 1 1/2" = 1'-0"



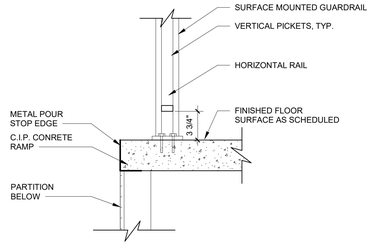
11 EXISTING STRINGER GUARD/HANDRAIL SECTION & ELEVATION
A721 SCALE: 1 1/2" = 1'-0"



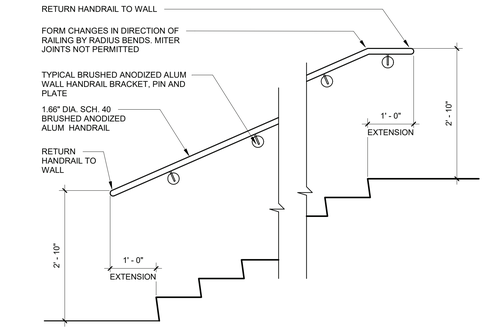
12 EXISTING STRINGER GUARDRAIL SECTION & ELEVATION
A721 SCALE: 1 1/2" = 1'-0"



17 SURFACE MOUNTED HANDRAIL
A721 SCALE: 1 1/2" = 1'-0"



18 SURFACE MOUNTING DETAIL
A721 SCALE: 1 1/2" = 1'-0"



19 WALL MOUNTED HANDRAIL ELEVATION
A721 SCALE: 3/4" = 1'-0"

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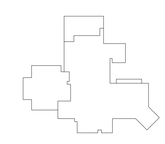
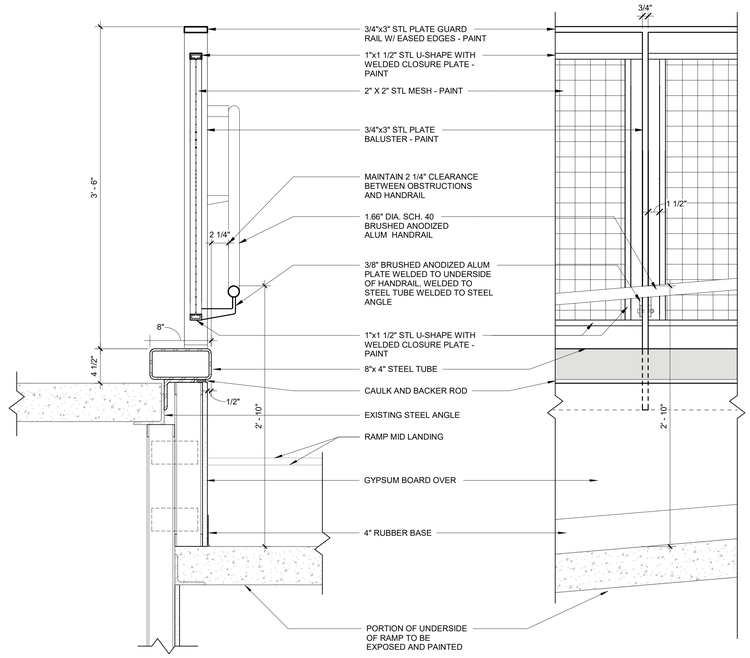
Key Plan:

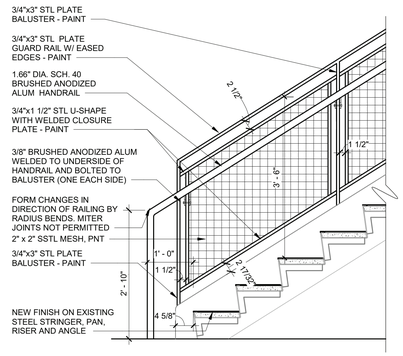


Drawing Title:
STAIR, RAMP, & GUARDRAIL DETAILS

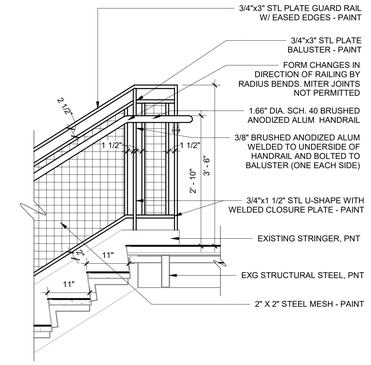
Drawing Number:
A721



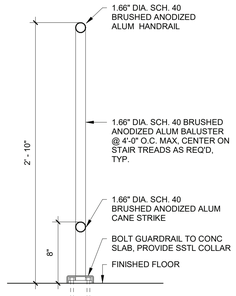
1 | A722 RAMP 7 - FLOOR MOUNTED GUARDRAIL
SCALE: 1 1/2" = 1'-0"



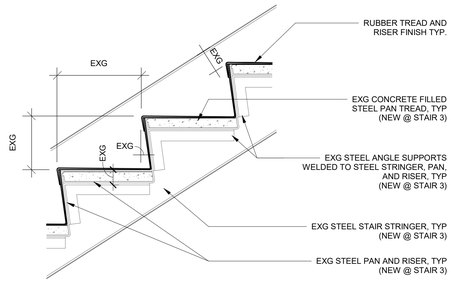
2 | A722 RAILING DETAIL - BOTTOM OF LIBRARY STAIR
SCALE: 3/4" = 1'-0"



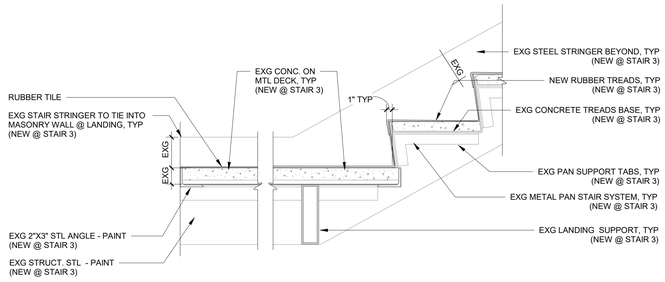
3 | A722 RAILING DETAIL - TOP OF LIBRARY STAIR
SCALE: 3/4" = 1'-0"



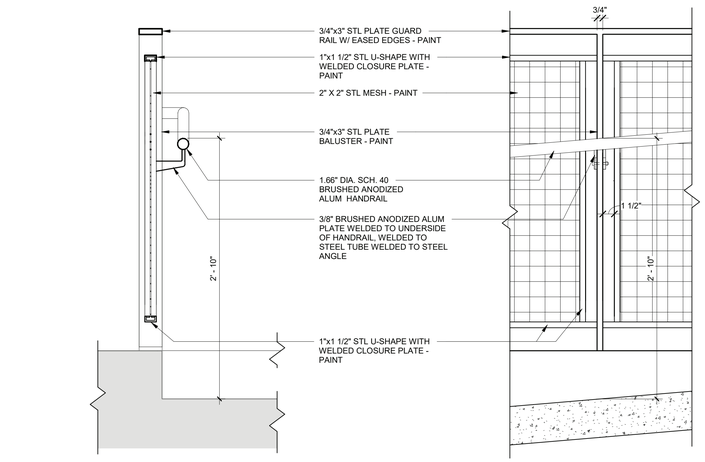
7 | A722 SURFACE MOUNTED HANDRAIL W/ CANE STRIKE
SCALE: 1 1/2" = 1'-0"



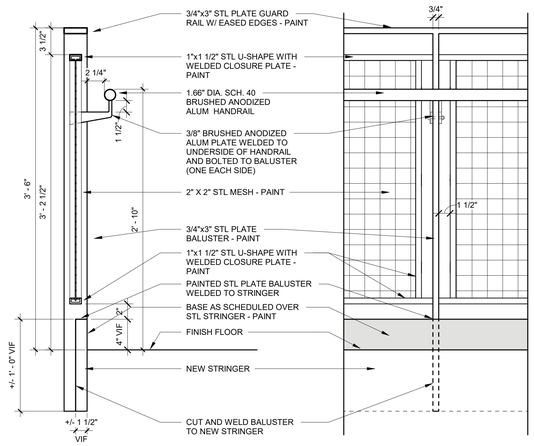
4 | A722 TYPICAL STAIR DETAIL - EXISTING
SCALE: 1 1/2" = 1'-0"



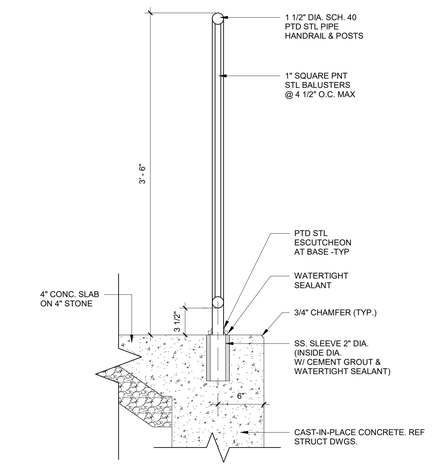
5 | A722 STAIR LANDING DETAIL - EXISTING
SCALE: 1 1/2" = 1'-0"



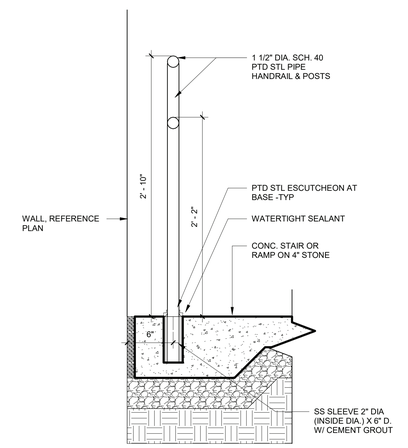
8 | A722 RAMP 11 - FLOOR MOUNTED GUARDRAIL
SCALE: 1 1/2" = 1'-0"



6 | A722 NEW STRINGER GUARD/HANDRAIL SECTION & ELEVATION
SCALE: 1 1/2" = 1'-0"



9 | A722 EXTERIOR GUARDRAIL
SCALE: 1 1/2" = 1'-0"



10 | A722 CORED HANDRAIL DETAIL @ WALL
SCALE: 1 1/2" = 1'-0"

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
Conshohocken, PA 19428
p: 215 482 7440
f: 215 482 7441
www.sgarc.com

Consultants:
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T&M Associates
1700 Market Street, Suite 3110
Philadelphia, PA 19103
(215) 282-7850

MEP:
Snyder Hoffman Associates
1005 West Lehigh Street
Bethlehem, PA 18018
(610) 694-8020

Structural Engineer
SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
(717) 299-8965

Professional Seal:

Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

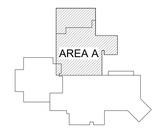
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

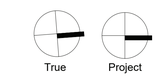
SGA PROJECT NUMBER: 23-029

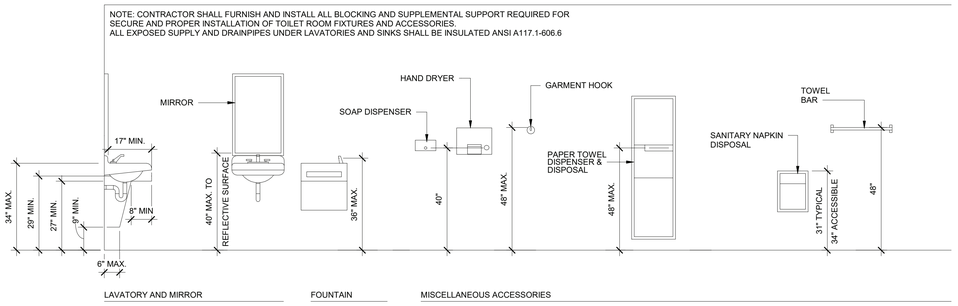
Key Plan:

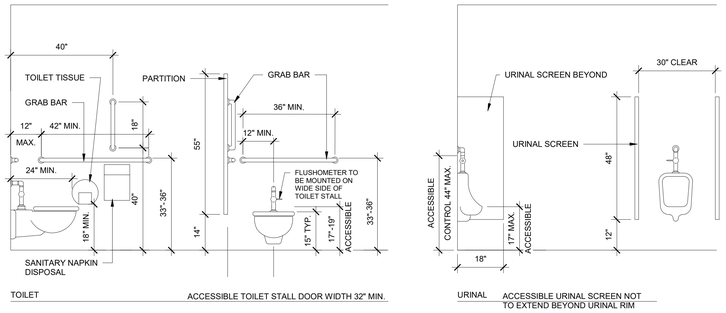


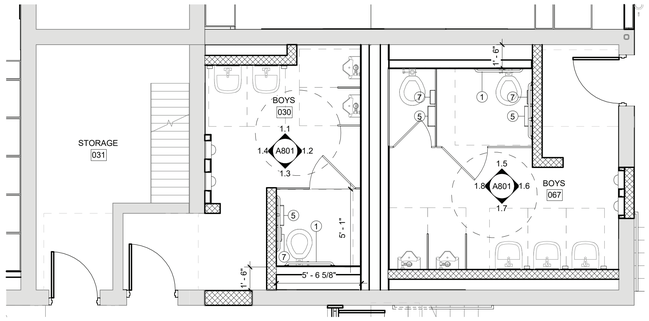
Drawing Title:
STAIR, RAMP, & GUARDRAIL DETAILS

Drawing Number:
A722

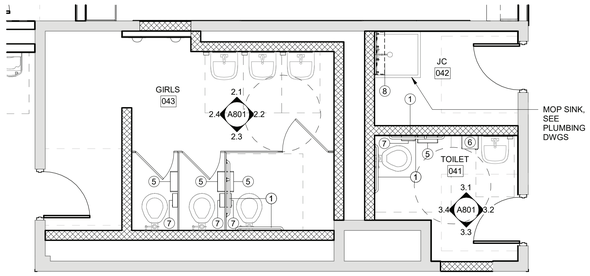








1 ENLARGED TOILET PLAN
A801 SCALE: 1/4" = 1'-0"



2 ENLARGED TOILET PLAN
A801 SCALE: 1/4" = 1'-0"

GENERAL TOILET ROOM NOTES

1. SEE TYPICAL FIXTURE AND ACCESSORY MOUNTING DIAGRAM FOR FIXTURE AND ACCESSORY MOUNTING HEIGHTS AND OTHER HANDICAP ACCESSIBLE REQUIREMENTS.
2. ALL DIMENSIONS NOTED ON TOILET ROOM PLANS ARE FROM FINISHED SURFACE.
3. COORDINATE CRITICAL CLEAR DIMENSIONS WITH WALL FINISH.
4. SEE PLUMBING DRAWINGS FOR FIXTURE SIZE AND DESCRIPTIONS. COORDINATE FIXTURE SIZE WITH REQUIRED CLEAR DIMENSIONS AND CLEAR FLOOR SPACE.
5. FURNISH AND INSTALL ALL BLOCKING AND SUPPLEMENTAL SUPPORT REQUIRED FOR SECURE AND PROPER INSTALLATION OF TOILET ROOM FIXTURES AND ACCESSORIES.
6. INSTALL MOISTURE RESISTANT GYP BOARD IN ALL WET LOCATIONS.
7. DOORS TO ACCESSIBLE STALLS TO BE 32-INCHES MINIMUM CLEAR, AND SELF-CLOSING.
8. PROVIDE DOOR PULLS ON BOTH SIDES OF STALL DOORS.
9. GARMENT HOOK TO BE MOUNTED 48-INCHES MAX TO TOP OF HOOK
10. ALL ACCESSIBLE GRAB BARS TO SUPPORT A LOAD OF 250 LBS MIN.
11. FURNISH PIPE INSULATION AT ALL EXPOSED PIPES UNDER LAVATORIES AND SINKS.
12. INSTALL HANDICAPPED SYMBOL STICKER TO ALL HANDICAPPED LAVATORIES AND TOILET STALLS WHEN MORE THAN ONE FIXTURES LOCATED WITHIN ROOM.

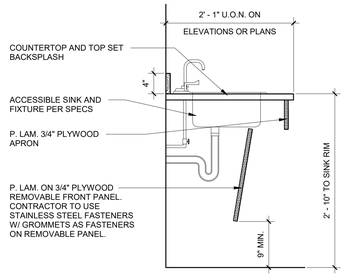
DENOTES HANDICAP ACCESSIBLE FIXTURE/ ACCESSORY COMPLYING WITH ANSI 117.1

MATERIAL LEGEND:

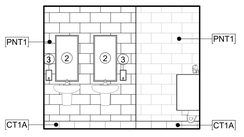
PNT1 — SEE A900 FOR MATERIAL INFORMATION

TOILET ACCESSORY LEGEND:

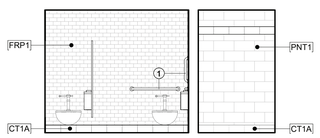
1	HANDICAP GRAB BAR (BOBRICK B-6806X36, B-6806X42, AND B-6806X18 VERT)
2	SURFACE MOUNTED MIRROR (BOBRICK B-290 1830)
3	SURFACE MOUNTED SOAP DISPENSER (BOBRICK B-2112)
4	RECESS MOUNTED HAND DRYER AND KIT (MODEL K-973P2 / KKR-973)
5	SURFACE MOUNTED TOILET TISSUE DISPENSER (OF/CI)
6	SURFACE MOUNTED PAPER TOWEL DISPENSER (OF/CI)
7	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL (BOBRICK B-254)
8	SHELF WITH MOP HOLDER (BOBRICK B-239X34)
19	SHELF WITH MOP HOLDER (BOBRICK B-239X34)



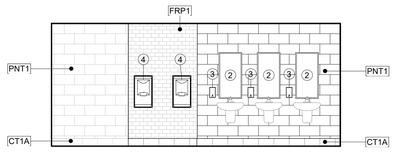
3 TYPICAL ADA SINK BASE PANEL
A801 SCALE: 1" = 1'-0"



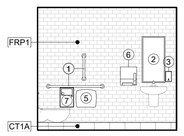
1.1 IE - 030 - BOYS TLT
A801 SCALE: 1/4" = 1'-0"



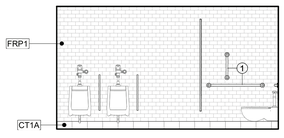
1.5 IE - 067 - BOYS TLT
A801 SCALE: 1/4" = 1'-0"



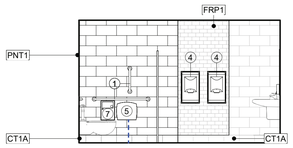
2.1 IE - 043 - GIRLS TLT
A801 SCALE: 1/4" = 1'-0"



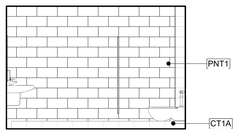
3.1 IE - 041 - TLT
A801 SCALE: 1/4" = 1'-0"



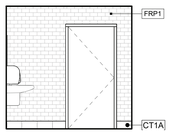
1.2 IE - 030 - BOYS TLT
A801 SCALE: 1/4" = 1'-0"



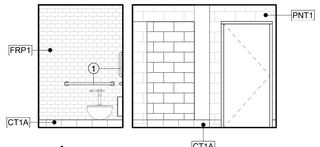
1.6 IE - 067 - BOYS TLT
A801 SCALE: 1/4" = 1'-0"



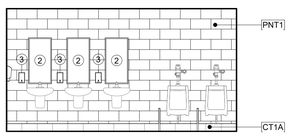
2.2 IE - 043 - GIRLS TLT
A801 SCALE: 1/4" = 1'-0"



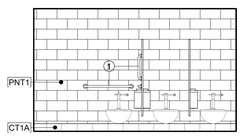
3.2 IE - 041 - TLT
A801 SCALE: 1/4" = 1'-0"



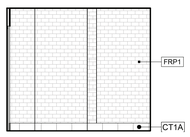
1.3 IE - 030 - BOYS TLT
A801 SCALE: 1/4" = 1'-0"



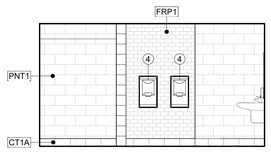
1.7 IE - 067 - BOYS TLT
A801 SCALE: 1/4" = 1'-0"



2.3 IE - 043 - GIRLS TLT
A801 SCALE: 1/4" = 1'-0"



3.3 IE - 041 - TLT
A801 SCALE: 1/4" = 1'-0"



1.4 IE - 030 - BOYS TLT
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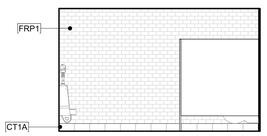

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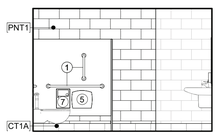
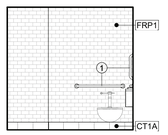
A801 SCALE: 1/4" = 1'-0"



2.4 IE - 043 - GIRLS TLT
A801 SCALE: 1/4" = 1'-0"



3.4 IE - 041 - TLT
A801 SCALE: 1/4" = 1'-0"

2' 0' 4' 8' 12'

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
Conshohocken, PA 19428
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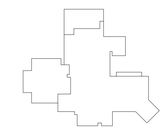
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

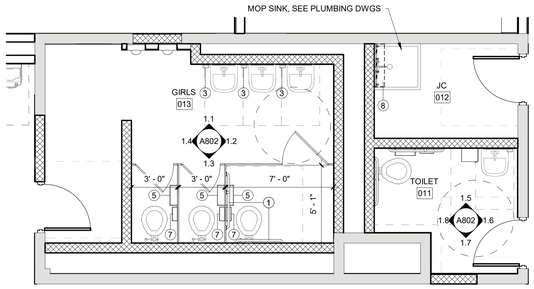
SGA PROJECT NUMBER: 23-029

Key Plan:

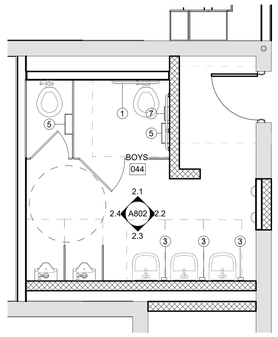


Drawing Title:
ENLARGED TOILET ROOM PLANS AND ELEVATIONS & DETAILS

Drawing Number:
A801



1 ENLARGED TOILET PLAN
A802 SCALE: 1/4" = 1'-0"



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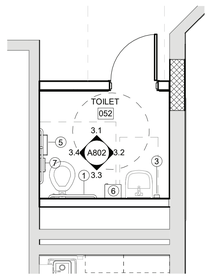
A802 SCALE: 1/4" = 1'-0"



3 ENLARGED TOILET PLAN
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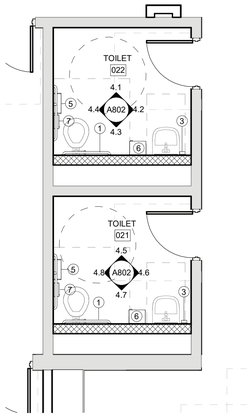
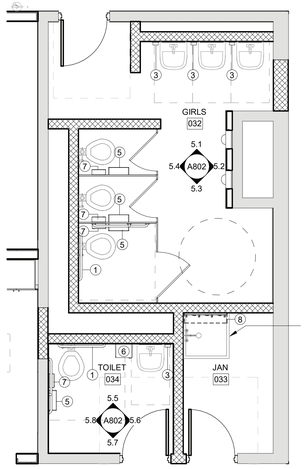


4 ENLARGED TOILET PLAN
A802 SCALE: 1/4" = 1'-0"



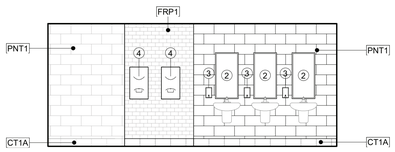
5 ENLARGED TOILET PLAN
A802 SCALE: 1/4" = 1'-0"

TOILET ACCESSORY LEGEND:

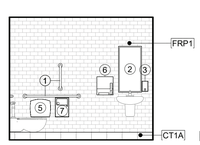
1	HANDICAP GRAB BAR (BOBRICK B-6806X36, B-6806X42, AND B-6806X18 VERT)
2	SURFACE MOUNTED MIRROR (BOBRICK B-290 1830)
3	SURFACE MOUNTED SOAP DISPENSER (BOBRICK B-2112)
4	RECESS MOUNTED HAND DRYER AND KIT (MODEL K-973P2 / KKR-973)
5	SURFACE MOUNTED TOILET TISSUE DISPENSER (OF/CI)
6	SURFACE MOUNTED PAPER TOWEL DISPENSER (OF/CI)
7	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL (BOBRICK B-254)
8	SHELF WITH MOP HOLDER (BOBRICK B-239X34)
19	SHELF WITH MOP HOLDER (BOBRICK B-239X34)

MATERIAL LEGEND:

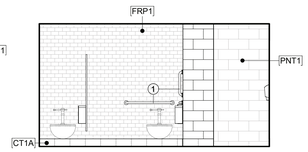
PNT1 — SEE A900 FOR MATERIAL INFORMATION



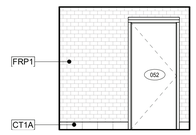
1.1 IE - 013 - GIRLS TLT
A802 SCALE: 1/4" = 1'-0"



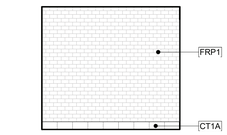
1.5 IE - 011 - TLT
A802 SCALE: 1/4" = 1'-0"



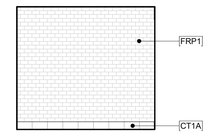
2.1 IE - 044 - BOYS TLT
A802 SCALE: 1/4" = 1'-0"



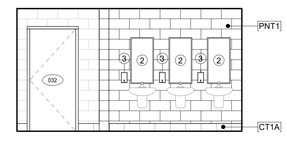
3.1 IE - 052 - TLT
A802 SCALE: 1/4" = 1'-0"



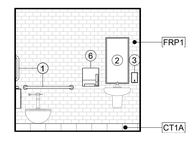
4.1 IE - 022 - TLT
A802 SCALE: 1/4" = 1'-0"



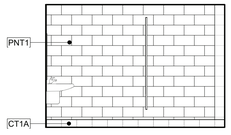
4.5 IE - 021 - TLT
A802 SCALE: 1/4" = 1'-0"



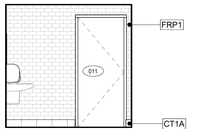
5.1 IE - 032 - GIRLS TLT
A802 SCALE: 1/4" = 1'-0"



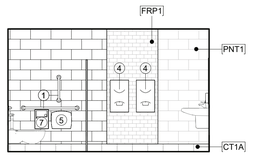
5.5 IE - TOILET
A802 SCALE: 1/4" = 1'-0"



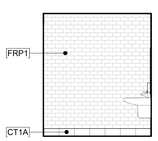
1.2 IE - 013 - GIRLS TLT
A802 SCALE: 1/4" = 1'-0"



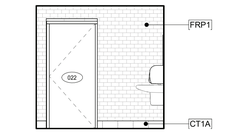
1.6 IE - 011 - TLT
A802 SCALE: 1/4" = 1'-0"



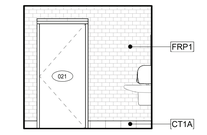
2.2 IE - 044 - BOYS TLT
A802 SCALE: 1/4" = 1'-0"



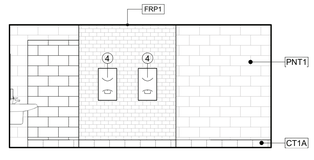
3.2 IE - 052 - TLT
A802 SCALE: 1/4" = 1'-0"



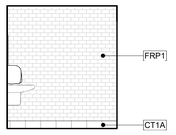
4.2 IE - 022 - TLT
A802 SCALE: 1/4" = 1'-0"



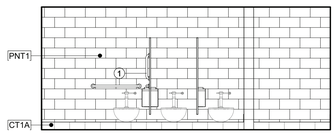
4.6 IE - 021 - TLT
A802 SCALE: 1/4" = 1'-0"



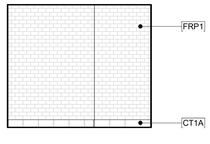
5.2 IE - 032 - GIRLS TLT
A802 SCALE: 1/4" = 1'-0"



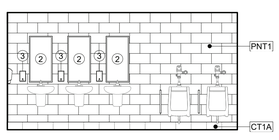
5.6 IE - TOILET
A802 SCALE: 1/4" = 1'-0"



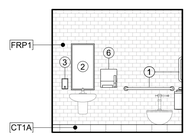
1.3 IE - 013 - GIRLS TLT
A802 SCALE: 1/4" = 1'-0"



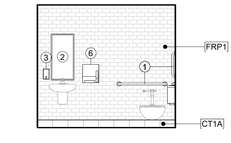
1.7 IE - 011 - TLT
A802 SCALE: 1/4" = 1'-0"



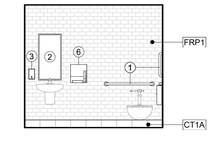
2.3 IE - 044 - BOYS TLT
A802 SCALE: 1/4" = 1'-0"



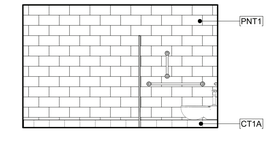
3.3 IE - 052 - TLT
A802 SCALE: 1/4" = 1'-0"



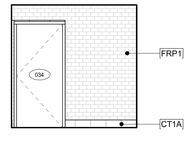
4.3 IE - 022 - TLT
A802 SCALE: 1/4" = 1'-0"



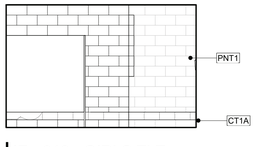
4.7 IE - 021 - TLT
A802 SCALE: 1/4" = 1'-0"



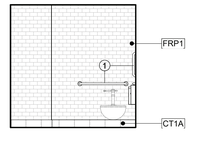
5.3 IE - 032 - GIRLS TLT
A802 SCALE: 1/4" = 1'-0"



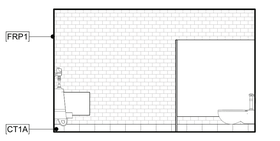
5.7 IE - TOILET
A802 SCALE: 1/4" = 1'-0"



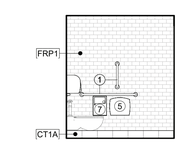
1.4 IE - 013 - GIRLS TLT
A802 SCALE: 1/4" = 1'-0"



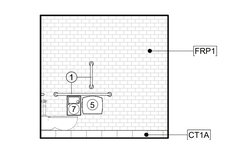
1.8 IE - 011 - TLT
A802 SCALE: 1/4" = 1'-0"



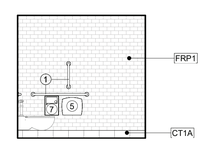
2.4 IE - 044 - BOYS TLT
A802 SCALE: 1/4" = 1'-0"



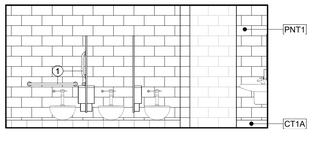
3.4 IE - 052 - TLT
A802 SCALE: 1/4" = 1'-0"



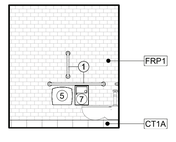
4.4 IE - 022 - TLT
A802 SCALE: 1/4" = 1'-0"



4.8 IE - 021 - TLT
A802 SCALE: 1/4" = 1'-0"



5.4 IE - 032 - GIRLS TLT
A802 SCALE: 1/4" = 1'-0"



5.8 IE - TOILET
A802 SCALE: 1/4" = 1'-0"

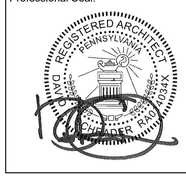
SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
Conshohocken, PA 19428
p: 215 482 7440
f: 215 482 7441
www.sgarc.com

Consultants:
Civil:
T&M Associates
1700 Market Street, Suite 3110
Philadelphia, PA 19103
(215) 282-7850

MEP:
Snyder Hoffman Associates
1005 West Lehigh Street
Bethlehem, PA 18018
(610) 694-8020

Structural Engineer
SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
(717) 299-8965

Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

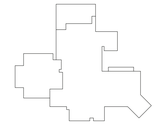
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

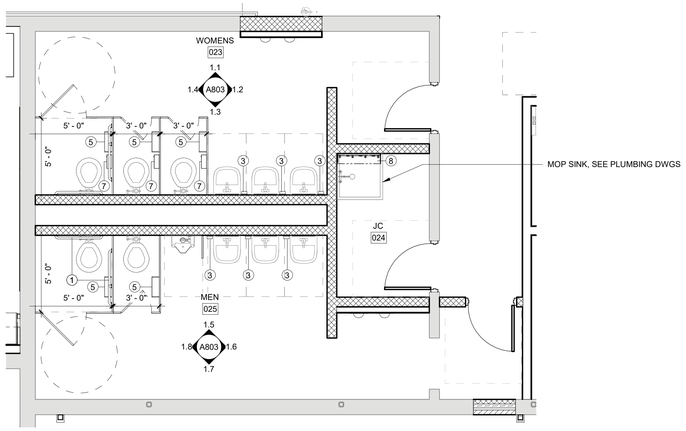
SGA PROJECT NUMBER: 23-029

Key Plan:

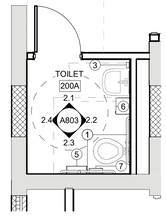


Drawing Title:
ENLARGED TOILET ROOM PLANS AND ELEVATIONS

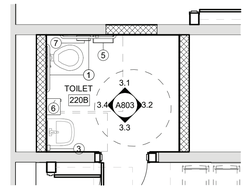
Drawing Number:
A802



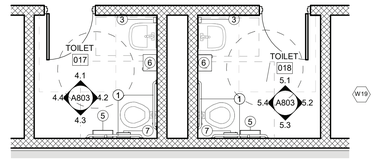
1 | ENLARGED TOILET PLAN
A803 | SCALE: 1/4" = 1'-0"



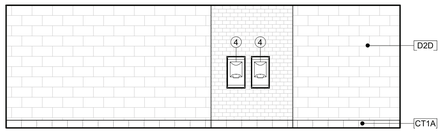
2 | ENLARGED TOILET PLAN
A803 | SCALE: 1/4" = 1'-0"



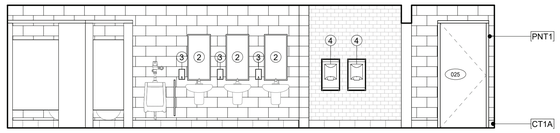
3 | ENLARGED TOILET PLAN
A803 | SCALE: 1/4" = 1'-0"



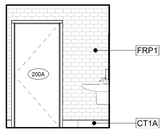
4 | ENLARGED TOILET PLAN
A803 | SCALE: 1/4" = 1'-0"



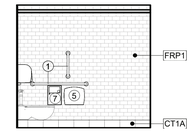
1.1 | IE - 023 - WOMENS TLT
A803 | SCALE: 1/4" = 1'-0"



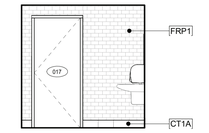
1.5 | IE - 025 - MEN TLT
A803 | SCALE: 1/4" = 1'-0"



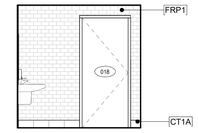
2.1 | IE - 200A - TLT
A803 | SCALE: 1/4" = 1'-0"



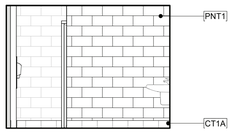
3.1 | IE - 220B - TLT
A803 | SCALE: 1/4" = 1'-0"



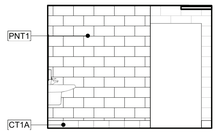
4.1 | IE - 017 - TLT
A803 | SCALE: 1/4" = 1'-0"



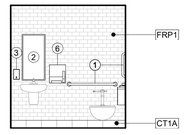
5.1 | IE - 018 - TLT
A803 | SCALE: 1/4" = 1'-0"



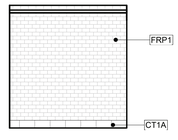
1.2 | IE - 023 - WOMENS TLT
A803 | SCALE: 1/4" = 1'-0"



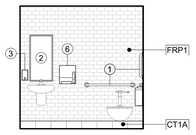
1.6 | IE - 025 - MEN TLT
A803 | SCALE: 1/4" = 1'-0"



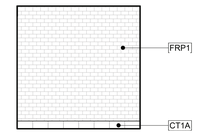
2.2 | IE - 200A - TLT
A803 | SCALE: 1/4" = 1'-0"



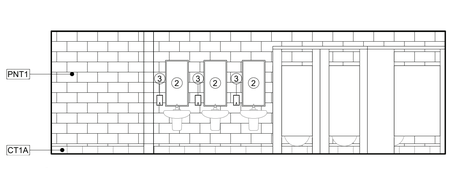
3.2 | IE - 220B - TLT
A803 | SCALE: 1/4" = 1'-0"



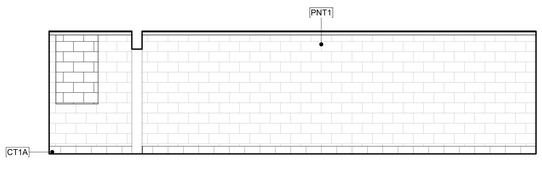
4.2 | IE - 017 - TLT
A803 | SCALE: 1/4" = 1'-0"



5.2 | IE - 018 - TLT
A803 | SCALE: 1/4" = 1'-0"



1.3 | IE - 023 - WOMENS TLT
A803 | SCALE: 1/4" = 1'-0"



1.7 | IE - 025 - MEN TLT
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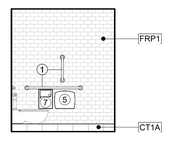
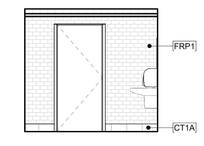
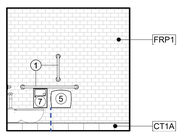


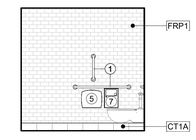
2.3 | IE - 200A - TLT
A803 | SCALE: 1/4" = 1'-0"



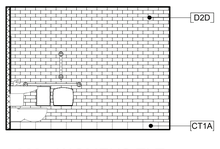
3.3 | IE - 220B - TLT
A803 | SCALE: 1/4" = 1'-0"



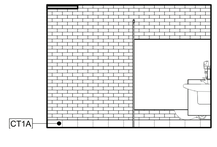
4.3 | IE - 017 - TLT
A803 | SCALE: 1/4" = 1'-0"



5.3 | IE - 018 - TLT
A803 | SCALE: 1/4" = 1'-0"



1.4 | IE - 023 - WOMENS TLT
A803 | SCALE: 1/4" = 1'-0"



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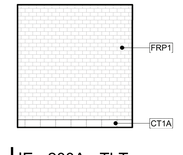
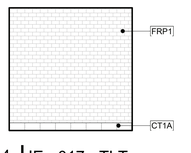
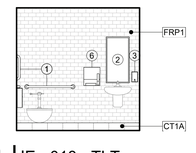


2.4 | IE - 200A - TLT
A803 | SCALE: 1/4" = 1'-0"

3.4 | IE - 220B - TLT
A803 | SCALE: 1/4" = 1'-0"



4.4 | IE - 017 - TLT
A803 | SCALE: 1/4" = 1'-0"



5.4 | IE - 018 - TLT
A803 | SCALE: 1/4" = 1'-0"

TOILET ACCESSORY LEGEND:

1	HANDICAP GRAB BAR (BOBRICK B-6806X36, B-6806X42, AND B-6806X18 VERT)
2	SURFACE MOUNTED MIRROR (BOBRICK B-290 1830)
3	SURFACE MOUNTED SOAP DISPENSER (BOBRICK B-2112)
4	RECESS MOUNTED HAND DRYER AND KIT (MODEL K-973P2 / KKR-973)
5	SURFACE MOUNTED TOILET TISSUE DISPENSER (OF/CI)
6	SURFACE MOUNTED PAPER TOWEL DISPENSER (OF/CI)
7	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL (BOBRICK B-254)
8	SHELF WITH MOP HOLDER (BOBRICK B-239X34)
19	SHELF WITH MOP HOLDER (BOBRICK B-239X34)

MATERIAL LEGEND:

PNT1 — SEE A900 FOR MATERIAL INFORMATION

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
Conshohocken, PA 19428
p: 215 482 7440
f: 215 482 7441
www.sgarc.com

Consultants:
Civil:
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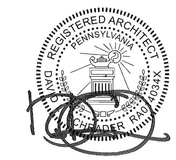
Philadelphia, PA 19103
(215) 282-7850

MEP:
Snyder Hoffman Associates
1005 West Lehigh Street
Bethlehem, PA 18018
(610) 694-8020

Structural Engineer
SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
(717) 299-8965

Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

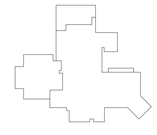
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:



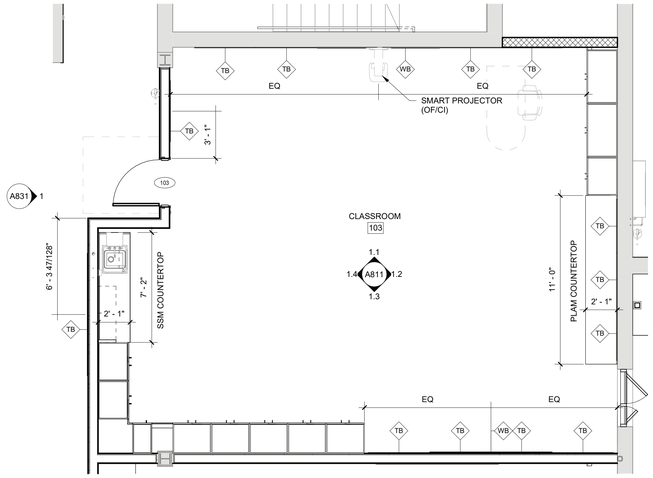
Drawing Title:
ENLARGED TOILET ROOM PLANS AND ELEVATIONS

Drawing Number:
A803

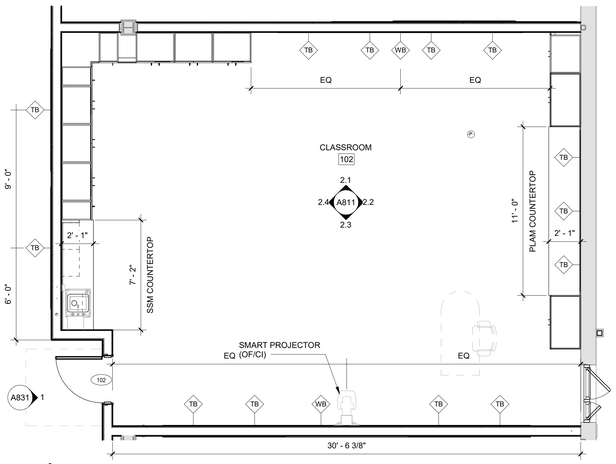
2' 8'
0' 4' 12'

MATERIAL LEGEND:

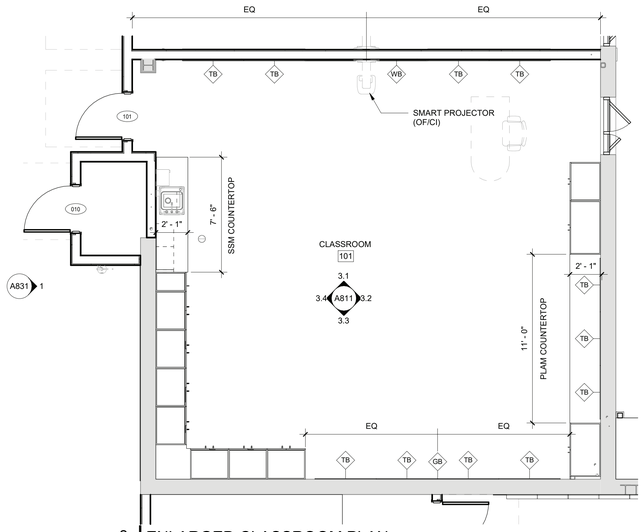
PNT1 — SEE A900 FOR MATERIAL INFORMATION



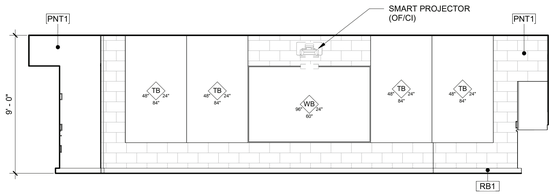
1 ENLARGED CLASSROOM PLAN
A811 SCALE: 1/4" = 1'-0"



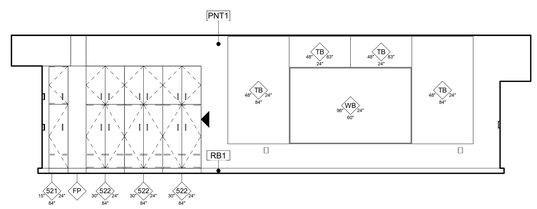
2 ENLARGED CLASSROOM PLAN
A811 SCALE: 1/4" = 1'-0"



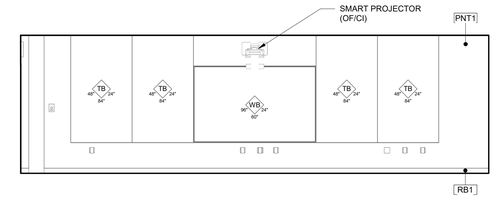
3 ENLARGED CLASSROOM PLAN
A811 SCALE: 1/4" = 1'-0"



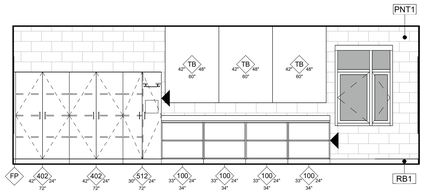
1.1 IE - 103 - CLASSROOM
A811 SCALE: 1/4" = 1'-0"



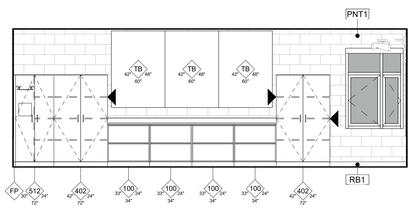
2.1 IE - 102 - CLASSROOM
A811 SCALE: 1/4" = 1'-0"



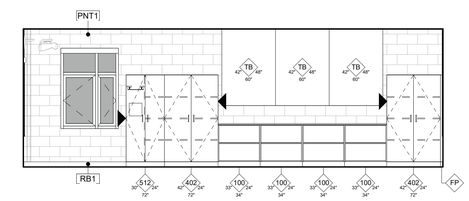
3.1 IE - 101 - CLASSROOM
A811 SCALE: 1/4" = 1'-0"



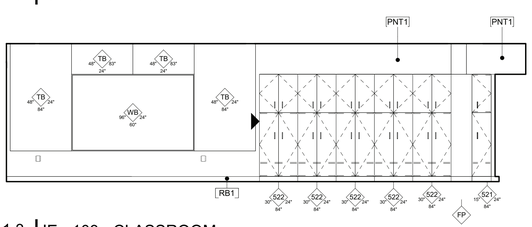
1.2 IE - 103 - CLASSROOM
A811 SCALE: 1/4" = 1'-0"



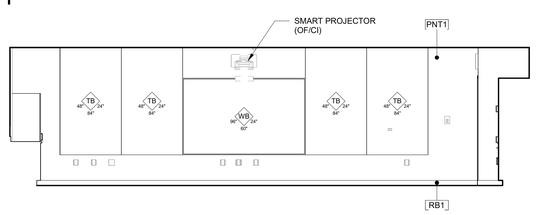
2.2 IE - 102 - CLASSROOM
A811 SCALE: 1/4" = 1'-0"



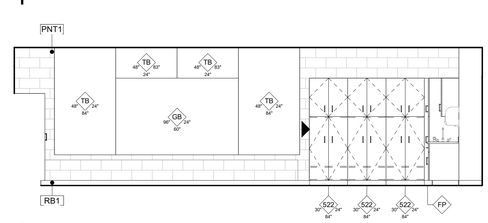
3.2 IE - 101 - CLASSROOM
A811 SCALE: 1/4" = 1'-0"



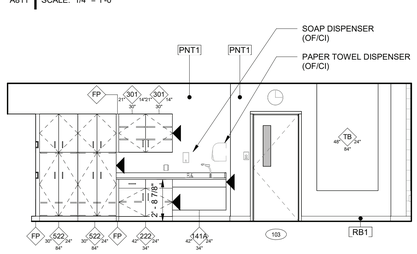
1.3 IE - 103 - CLASSROOM
A811 SCALE: 1/4" = 1'-0"



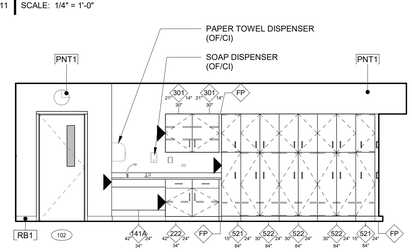
2.3 IE - 102 - CLASSROOM
A811 SCALE: 1/4" = 1'-0"



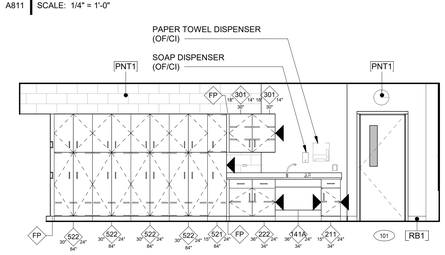
3.3 IE - 101 - CLASSROOM
A811 SCALE: 1/4" = 1'-0"



1.4 IE - 103 - CLASSROOM
A811 SCALE: 1/4" = 1'-0"



2.4 IE - 102 - CLASSROOM
A811 SCALE: 1/4" = 1'-0"



3.4 IE - 101 - CLASSROOM
A811 SCALE: 1/4" = 1'-0"

0' 4' 8' 12'

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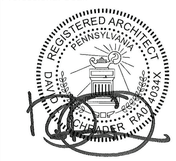


Owner:
WEST CHESTER AREA
SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:

HILLSDALE ELEMENTARY
SCHOOL

725 West Market Street
West Chester, PA 19382

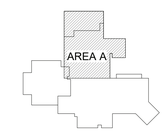
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

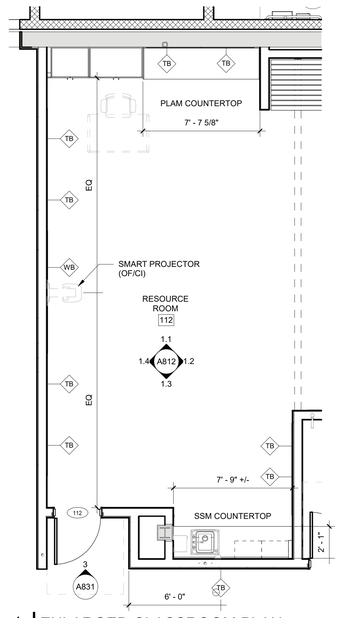


Drawing Title:

ENLARGED AREA A
PLANS & ELEVATIONS

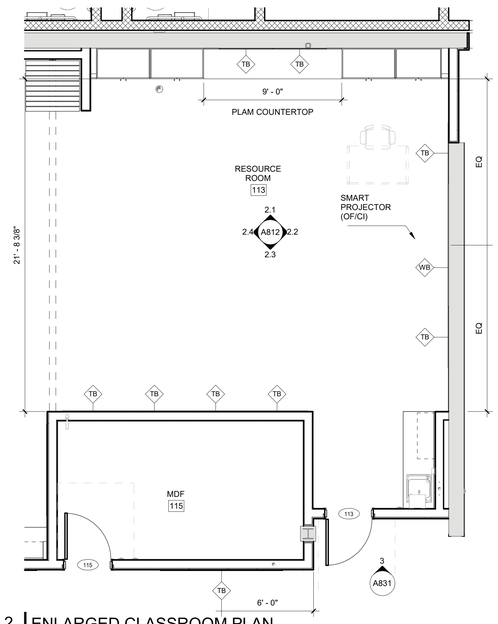
Drawing Number:

A811



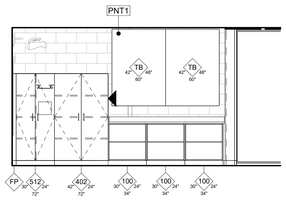
1 A812 ENLARGED CLASSROOM PLAN

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



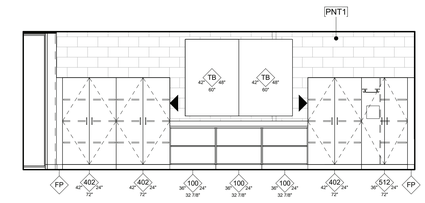
2 A812 ENLARGED CLASSROOM PLAN

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



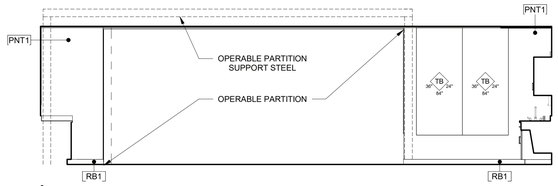
1.1 A812 IE - 112 - RESOURCE ROOM

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



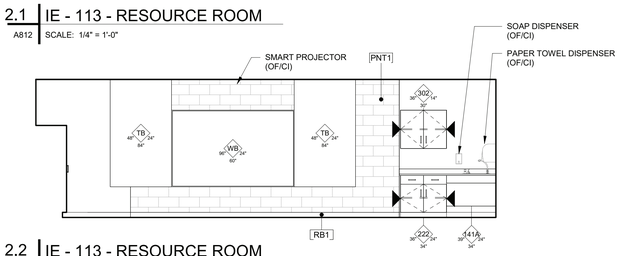
2.1 A812 IE - 113 - RESOURCE ROOM

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



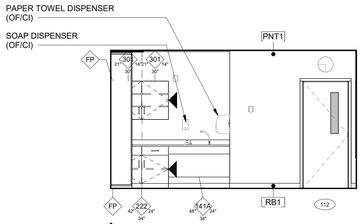
1.2 A812 IE - 112 - RESOURCE ROOM

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



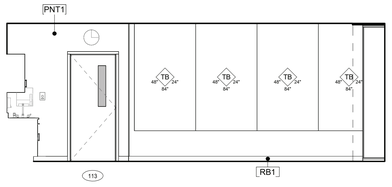
2.2 A812 IE - 113 - RESOURCE ROOM

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



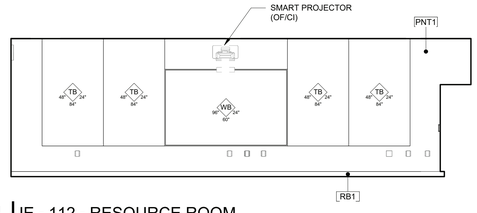
1.3 A812 IE - 112 - RESOURCE ROOM

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



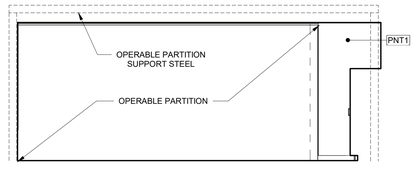
2.3 A812 IE - 113 - RESOURCE ROOM

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



1.4 A812 IE - 112 - RESOURCE ROOM

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



2.4 A812 IE - 113 - RESOURCE ROOM

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

MATERIAL LEGEND:

PNT1 — SEE A900 FOR MATERIAL INFORMATION

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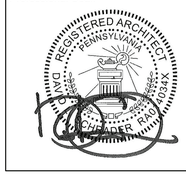
(717) 299-8965

Professional Seal:



Owner:
WEST CHESTER AREA
SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:

HILLSDALE ELEMENTARY
SCHOOL

725 West Market Street
West Chester, PA 19382

ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

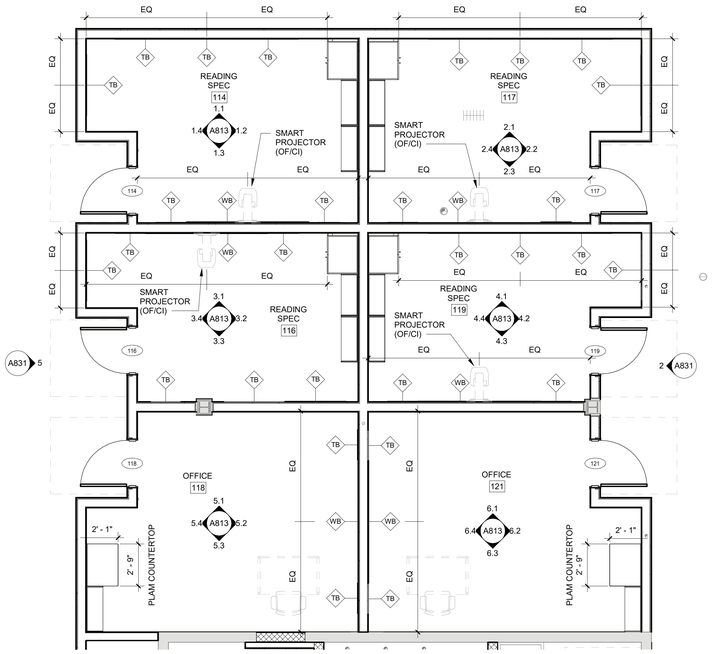
Drawing Title:

ENLARGED AREA A
PLANS & ELEVATIONS

Drawing Number:

A812

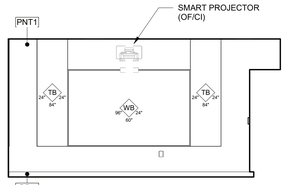
0' 4' 8' 12'



1 ENLARGED CLASSROOM PLAN
A813 SCALE: 1/4" = 1'-0"

1.1 IE - 114 - READING SPEC
A813 SCALE: 1/4" = 1'-0"

2.1 IE - 117 - READING SPEC
A813 SCALE: 1/4" = 1'-0"

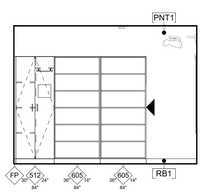


3.1 IE - 116 - READING SPEC
A813 SCALE: 1/4" = 1'-0"

4.1 IE - 119 - READING SPEC
A813 SCALE: 1/4" = 1'-0"

5.1 IE - 118 - OFFICE
A813 SCALE: 1/4" = 1'-0"

6.1 IE - 121 - OFFICE
A813 SCALE: 1/4" = 1'-0"



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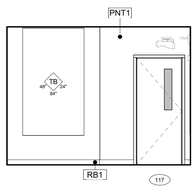
A813 SCALE: 1/4" = 1'-0"



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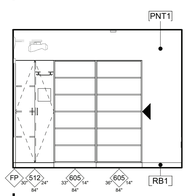
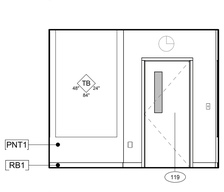


3.2 IE - 116 - READING SPEC
A813 SCALE: 1/4" = 1'-0"



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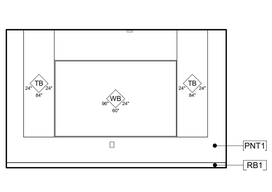

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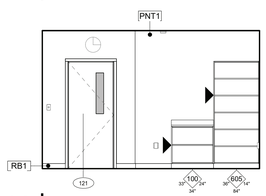

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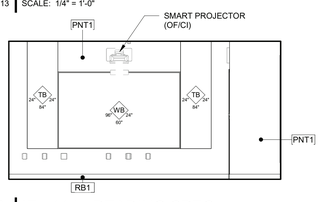

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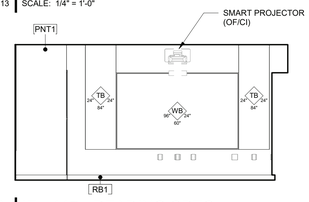

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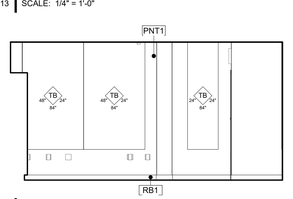

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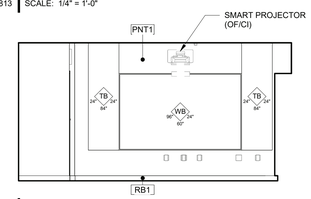

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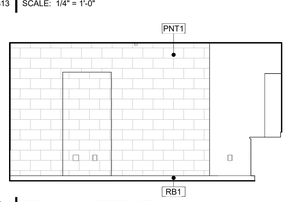

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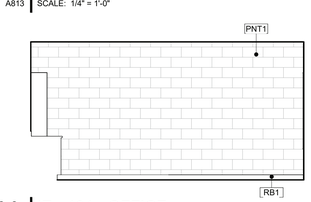
A813 SCALE: 1/4" = 1'-0"



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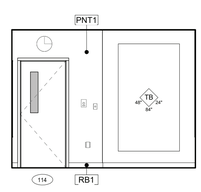
A813 SCALE: 1/4" = 1'-0"



1.4 IE - 114 - READING SPEC
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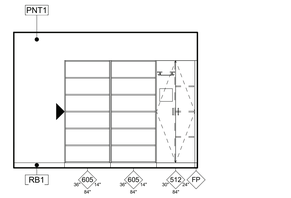

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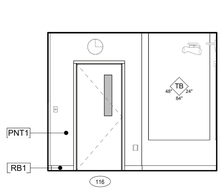

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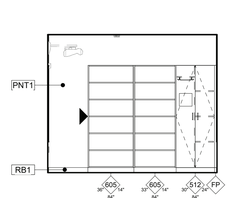

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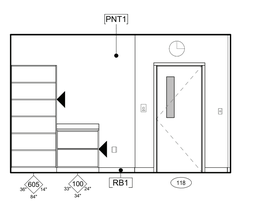

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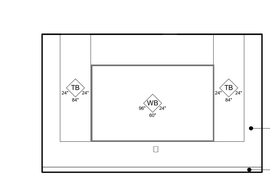


6.4 IE - 121 - OFFICE
A813 SCALE: 1/4" = 1'-0"

0' 2' 4' 8' 12'

MATERIAL LEGEND:

PNT1 — SEE A900 FOR MATERIAL INFORMATION

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
Conshohocken, PA 19428
p: 215 482 7440
f: 215 482 7441
www.sgarc.com

Consultants:

Civil:

T&M Associates
1700 Market Street, Suite 3110
Philadelphia, PA 19103
(215) 282-7850

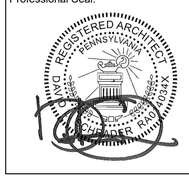
MEP:

Snyder Hoffman Associates
1005 West Lehigh Street
Bethlehem, PA 18018
(610) 694-8020

Structural Engineer

SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
(717) 299-8965

Professional Seal:



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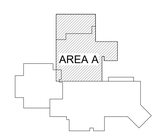
DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:



Drawing Title:
ENLARGED AREA A
PLANS & ELEVATIONS

Drawing Number:
A813

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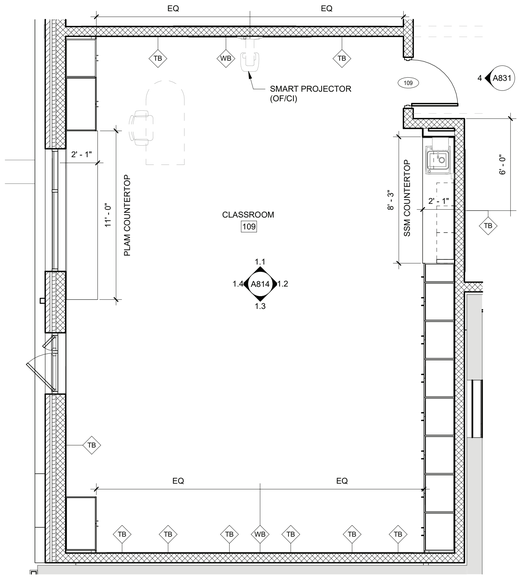
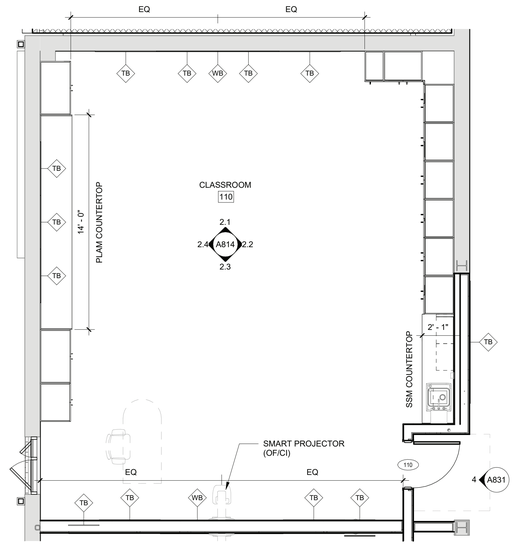


1 ENLARGED CLASSROOM PLAN
A814 SCALE: 1/4" = 1'-0"



2 ENLARGED CLASSROOM PLAN
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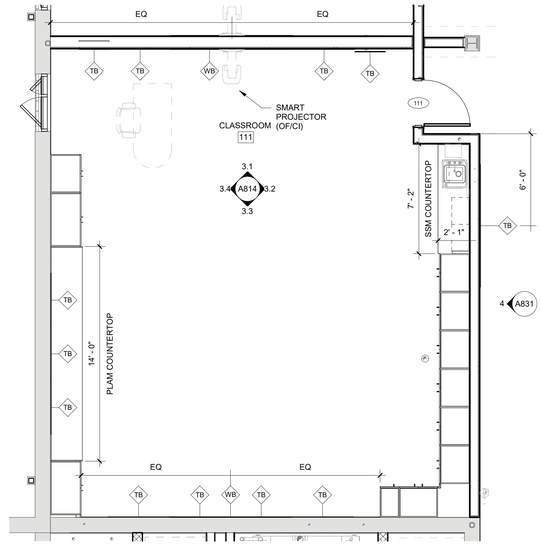

3 ENLARGED CLASSROOM PLAN
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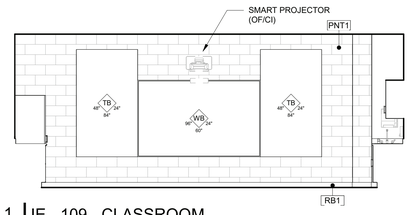

1.1 IE - 109 - CLASSROOM
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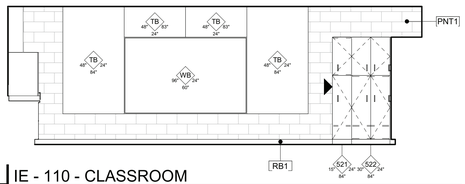

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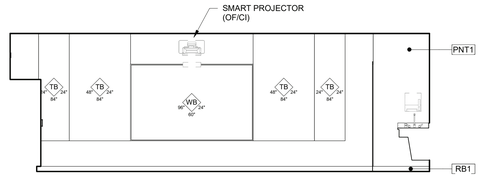
A814 SCALE: 1/4" = 1'-0"



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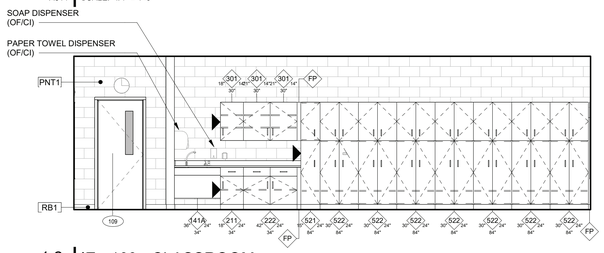

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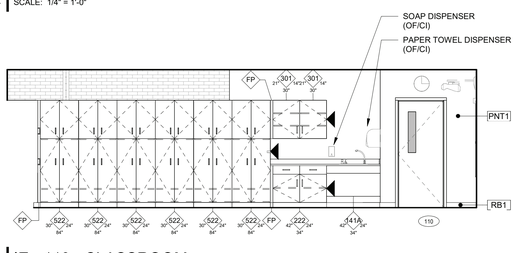

2.2 IE - 110 - CLASSROOM
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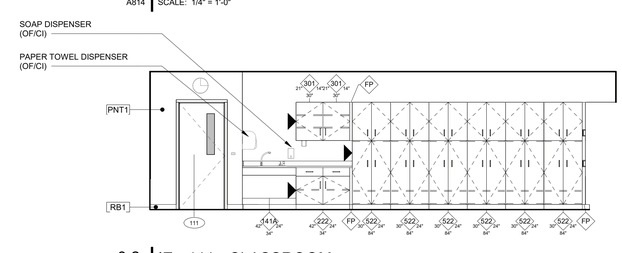

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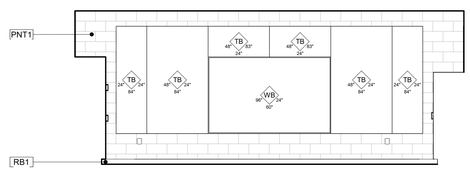
A814 SCALE: 1/4" = 1'-0"



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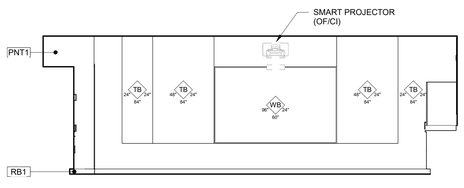

2.3 IE - 110 - CLASSROOM
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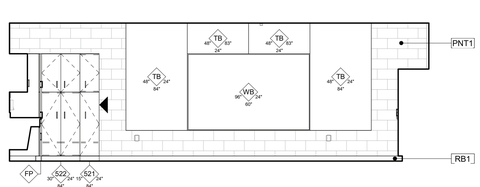

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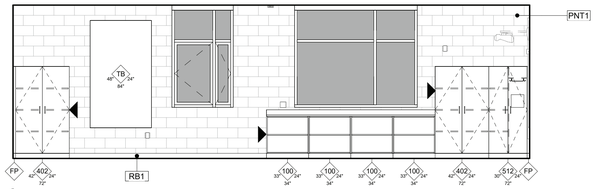

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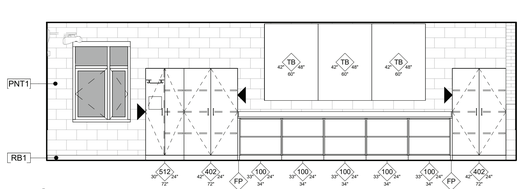

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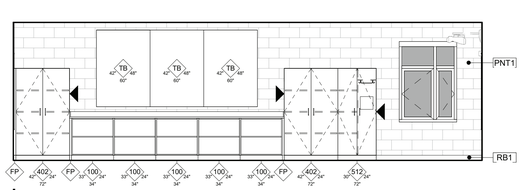

3.4 IE - 111 - CLASSROOM
A814 SCALE: 1/4" = 1'-0"

0' 4' 8' 12'

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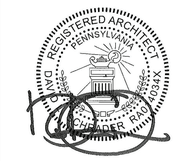

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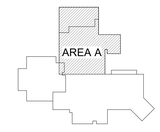

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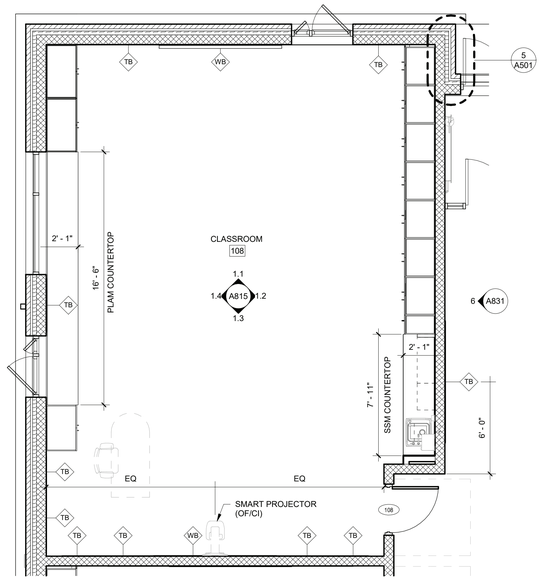
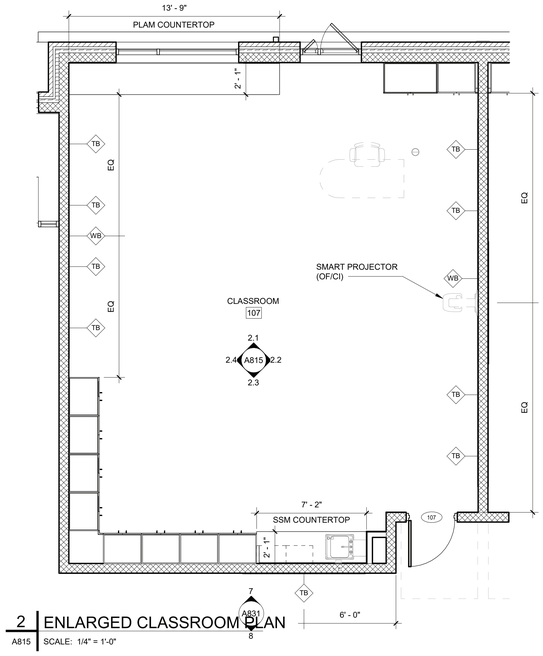


1 A815 ENLARGED CLASSROOM PLAN

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



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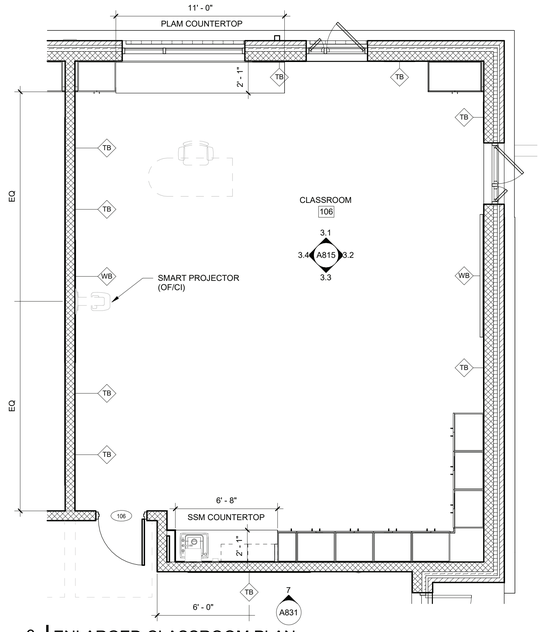
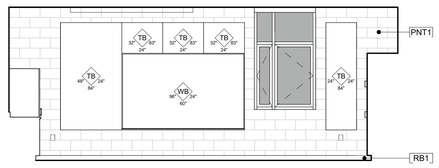


3 A815 ENLARGED CLASSROOM PLAN

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

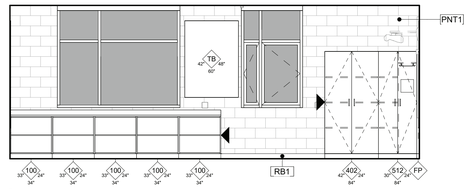
MATERIAL LEGEND:

PNT1 — SEE A900 FOR MATERIAL INFORMATION



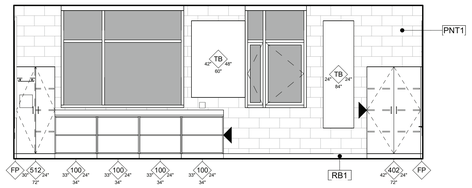
1.1 A815 IE - 108 - CLASSROOM

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



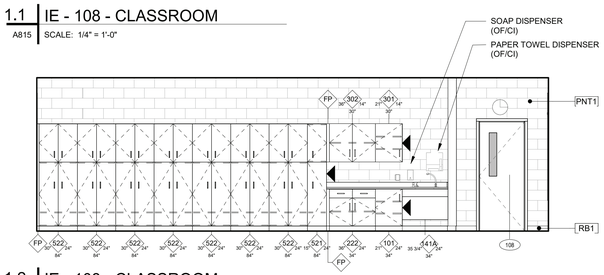
2.1 A815 IE - 107 - CLASSROOM

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



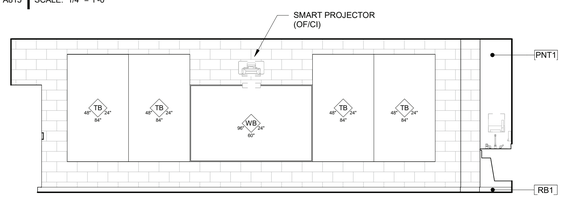
3.1 A815 IE - 106 - CLASSROOM

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



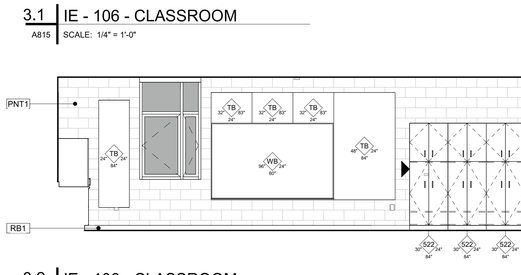
1.2 A815 IE - 108 - CLASSROOM

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



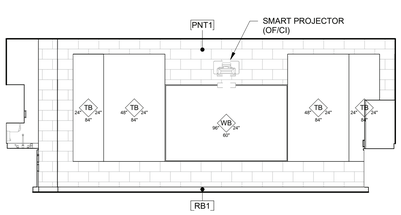
2.2 A815 IE - 107 - CLASSROOM

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



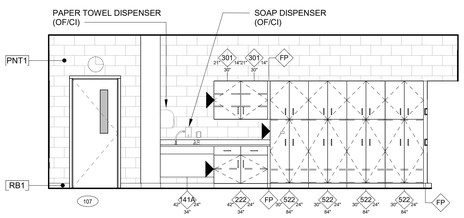
3.2 A815 IE - 106 - CLASSROOM

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



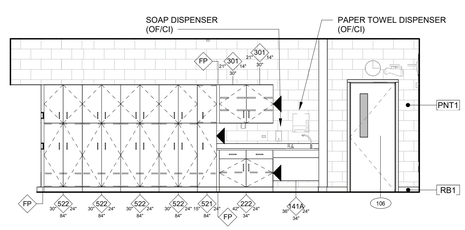
1.3 A815 IE - 108 - CLASSROOM

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



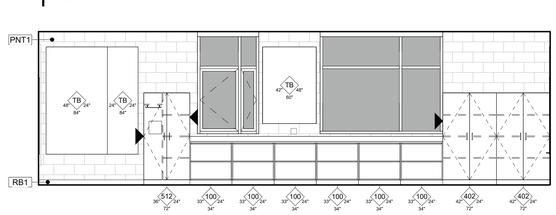
2.3 A815 IE - 107 - CLASSROOM

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



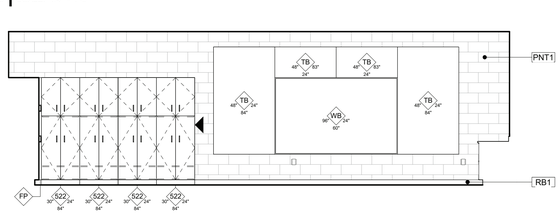
3.3 A815 IE - 106 - CLASSROOM

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



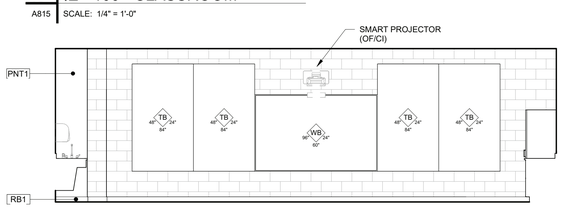
1.4 A815 IE - 108 - CLASSROOM

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



2.4 A815 IE - 107 - CLASSROOM

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



3.4 A815 IE - 106 - CLASSROOM

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

0' 2' 4' 8' 12'

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
Conshohocken, PA 19428
p: 215 482 7440
f: 215 482 7441
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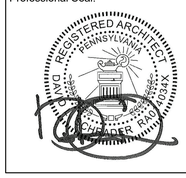
Consultants:
Civil:
T&M Associates
1700 Market Street, Suite 3110
Philadelphia, PA 19103
(215) 282-7850

MEP:
Snyder Hoffman Associates
1005 West Lehigh Street
Bethlehem, PA 18018
(610) 694-8020

Structural Engineer
SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
(717) 299-8965

Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:

HILLSDALE ELEMENTARY SCHOOL

725 West Market Street
West Chester, PA 19382

ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

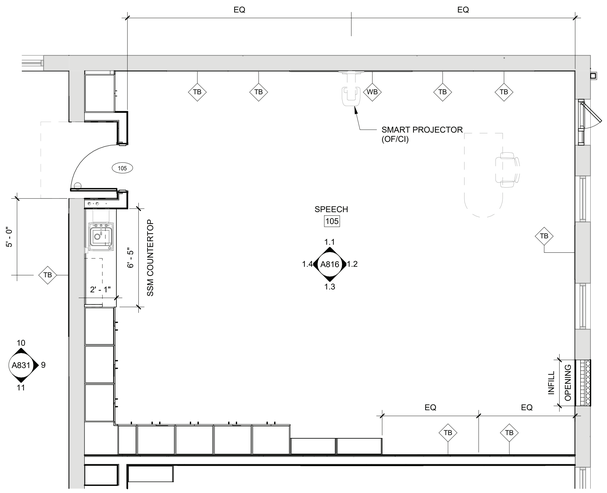
Key Plan:

Drawing Title:

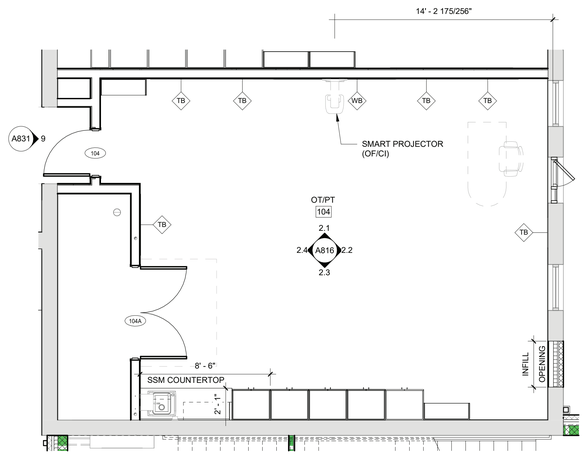
ENLARGED AREA A
PLANS & ELEVATIONS

Drawing Number:

A815



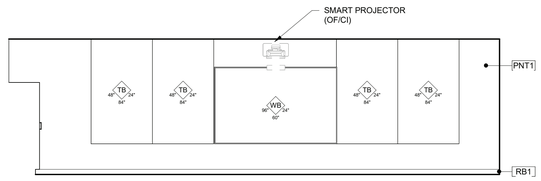
1 ENLARGED CLASSROOM PLAN
A816 SCALE: 1/4" = 1'-0"



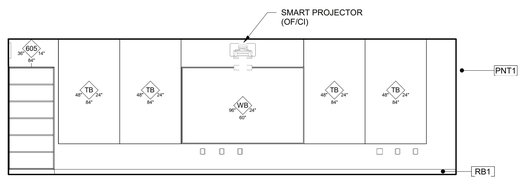
2 ENLARGED CLASSROOM PLAN
A816 SCALE: 1/4" = 1'-0"

MATERIAL LEGEND:

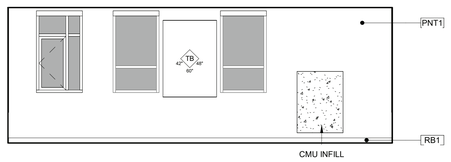
PNT1 — SEE A900 FOR MATERIAL INFORMATION



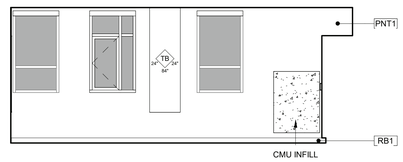
1.1 IE - 105 - SPEECH
A816 SCALE: 1/4" = 1'-0"



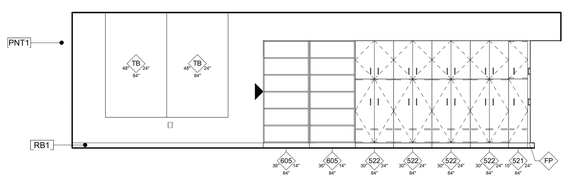
2.1 IE - 104 - OT/PT
A816 SCALE: 1/4" = 1'-0"



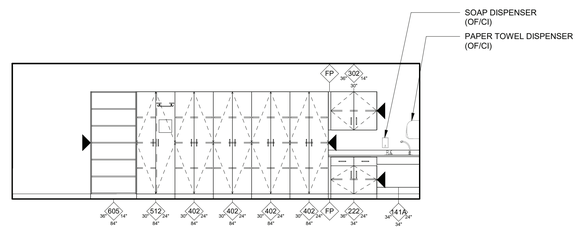
1.2 IE - 105 - SPEECH
A816 SCALE: 1/4" = 1'-0"



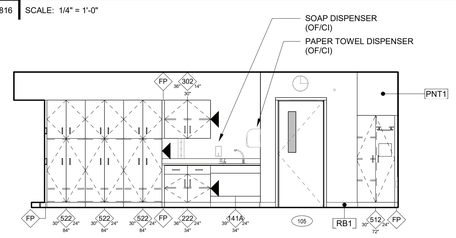
2.2 IE - 104 - OT/PT
A816 SCALE: 1/4" = 1'-0"



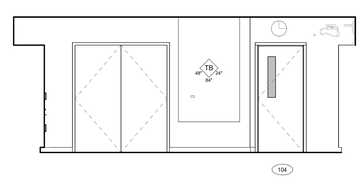
1.3 IE - 105 - SPEECH
A816 SCALE: 1/4" = 1'-0"



2.3 IE - 104 - OT/PT
A816 SCALE: 1/4" = 1'-0"



1.4 IE - 105 - SPEECH
A816 SCALE: 1/4" = 1'-0"



2.4 IE - 104 - OT/PT
A816 SCALE: 1/4" = 1'-0"

0' 4' 2' 8' 12'

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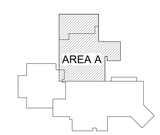
DATE: 12/03/2024

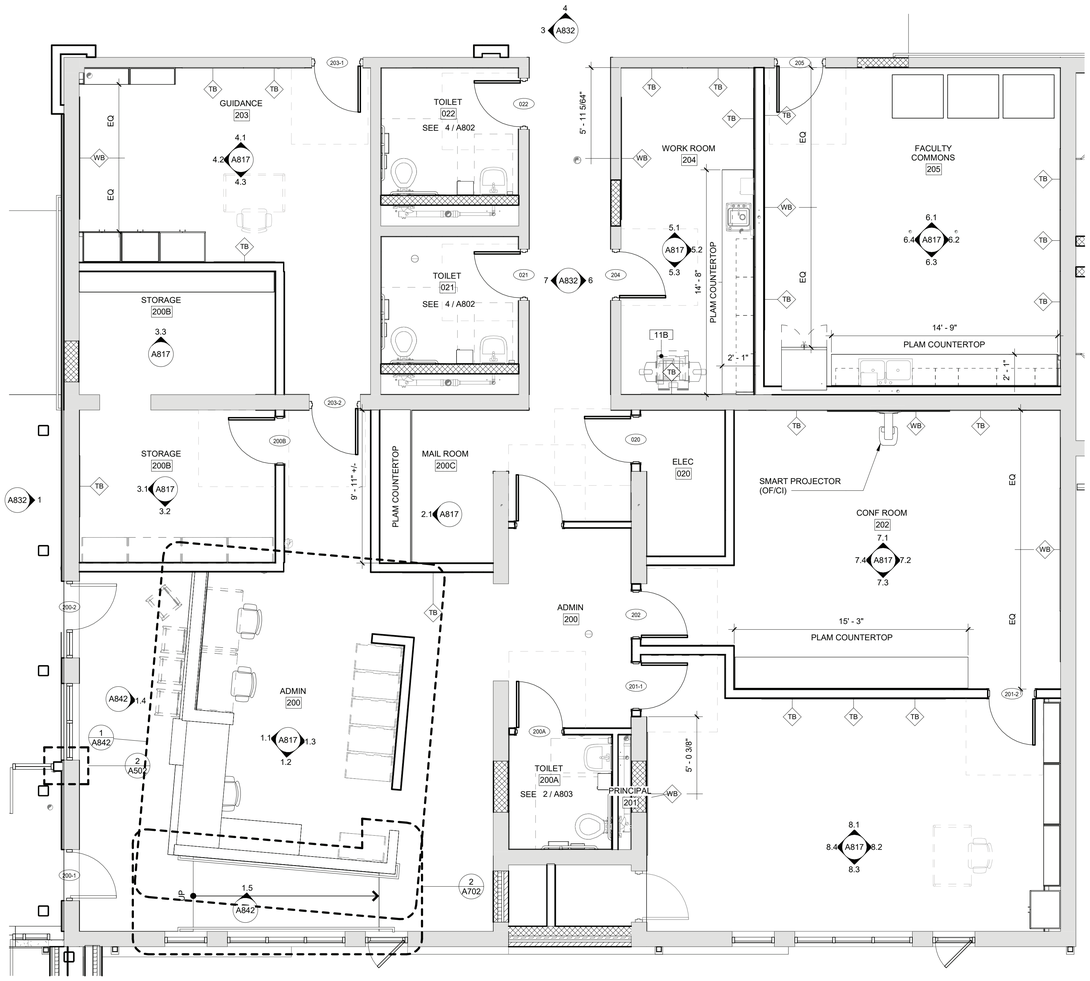
SGA PROJECT NUMBER: 23-029

Key Plan:

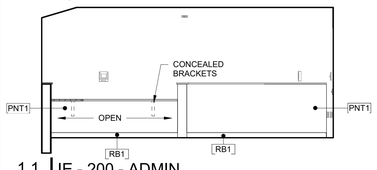


Drawing Title:
ENLARGED AREA A
PLANS & ELEVATIONS

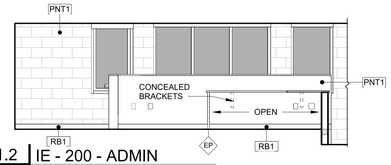
Drawing Number:
A816



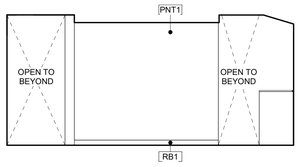
1 ENLARGED ADMIN PLAN
A817 SCALE: 1/4" = 1'-0"



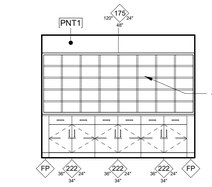
1.1 IE - 200 - ADMIN
A817 SCALE: 1/4" = 1'-0"



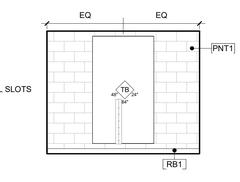
1.2 IE - 200 - ADMIN
A817 SCALE: 1/4" = 1'-0"



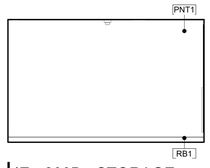
1.3 IE - 200 - ADMIN
A817 SCALE: 1/4" = 1'-0"



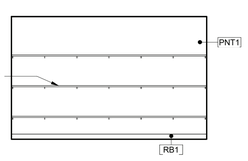
2.1 IE -200C - MAIL ROOM
A817 SCALE: 1/4" = 1'-0"



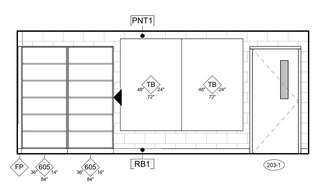
3.1 IE - 200B - STORAGE
A817 SCALE: 1/4" = 1'-0"



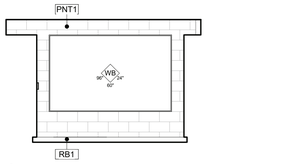
3.2 IE - 200B - STORAGE
A817 SCALE: 1/4" = 1'-0"



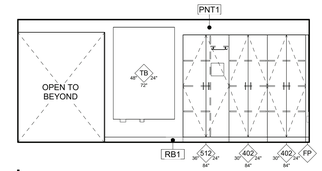
3.3 IE - 200B - STORAGE
A817 SCALE: 1/4" = 1'-0"



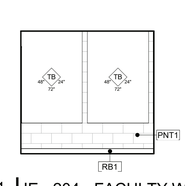
4.1 IE - 203 - GUIDANCE
A817 SCALE: 1/4" = 1'-0"



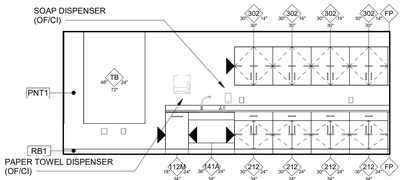
4.2 IE - ADMIN ELEVATIONS
A817 SCALE: 1/4" = 1'-0"



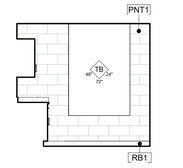
4.3 IE - ADMIN ELEVATIONS
A817 SCALE: 1/4" = 1'-0"



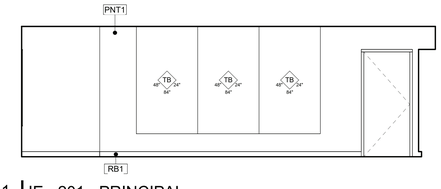
5.1 IE - 204 - FACULTY WORK ROOM
A817 SCALE: 1/4" = 1'-0"



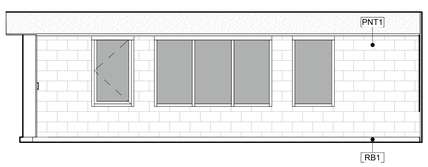
5.2 IE - 204 - FACULTY WORK ROOM
A817 SCALE: 1/4" = 1'-0"



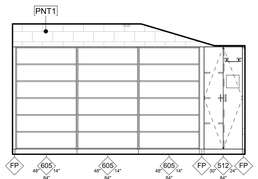
5.3 IE - 204 - FACULTY WORK ROOM
A817 SCALE: 1/4" = 1'-0"



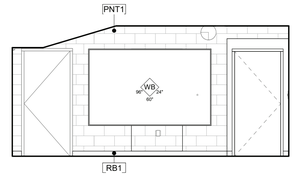
8.1 IE - 201 - PRINCIPAL
A817 SCALE: 1/4" = 1'-0"



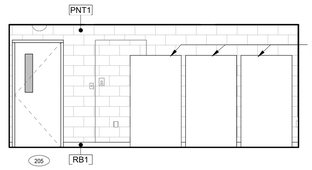
8.3 IE - 201 - PRINCIPAL
A817 SCALE: 1/4" = 1'-0"



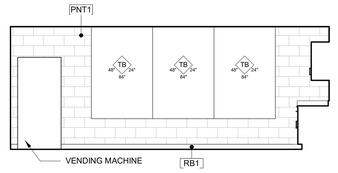
8.2 IE - 201 - PRINCIPAL
A817 SCALE: 1/4" = 1'-0"



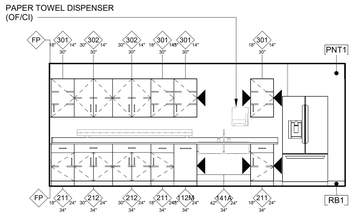
8.4 IE - 201 - PRINCIPAL
A817 SCALE: 1/4" = 1'-0"



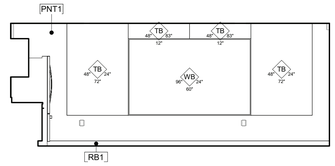
6.1 IE - 205 - FACULTY COMMONS
A817 SCALE: 1/4" = 1'-0"



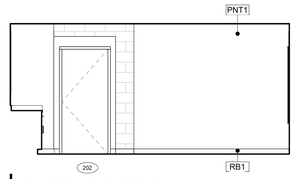
6.2 IE - 205 - FACULTY COMMONS
A817 SCALE: 1/4" = 1'-0"



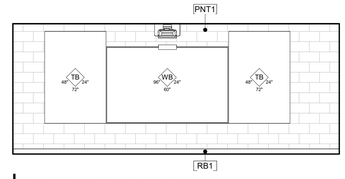
6.3 IE - 205 - FACULTY COMMONS
A817 SCALE: 1/4" = 1'-0"



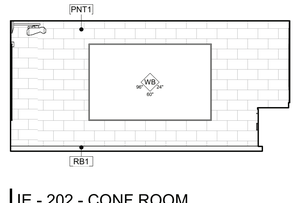
6.4 IE - 205 - FACULTY COMMONS
A817 SCALE: 1/4" = 1'-0"



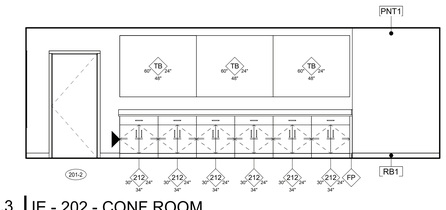
7.4 IE - 202 - CONF ROOM
A817 SCALE: 1/4" = 1'-0"



7.1 IE - 202 - CONF ROOM
A817 SCALE: 1/4" = 1'-0"



7.2 IE - 202 - CONF ROOM
A817 SCALE: 1/4" = 1'-0"



7.3 IE - 202 - CONF ROOM
A817 SCALE: 1/4" = 1'-0"

MATERIAL LEGEND:

PNT1 — SEE A900 FOR MATERIAL INFORMATION

HEAVY DUTY SHELVING
HEAVY DUTY SHELVING IS TO BE PROVIDED BY GENERAL CONTRACTOR (GC-1R). ADJUSTABLE TYPE SHELVING TO BE DECORATIVE LAMINATE, 0.43 MM WITH PVC EDGEBANDING ON 3/4-INCH M-S. COMMERCIAL GRADE PARTICLE BOARD WITH 45 LBS. DENSITY PER CUBIC FOOT, 16 INCH DEEP, 3/4 INCH THICK, WITH HEAVY WEIGHT DOUBLE, UNIVERSAL SURFACE-MOUNTED SLOTTED STANDARDS. 1/2" SLOTS ON 1" CENTERS. COUNTERSUNK MOUNTING SCREW HOLES ARE 9" APART.

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Structural Engineer
SCHRADERGROUP
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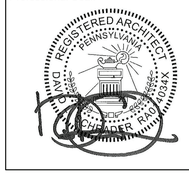
Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
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ISSUED FOR:

NO.	DESCRIPTION	DATE
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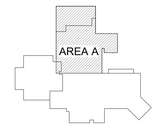
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

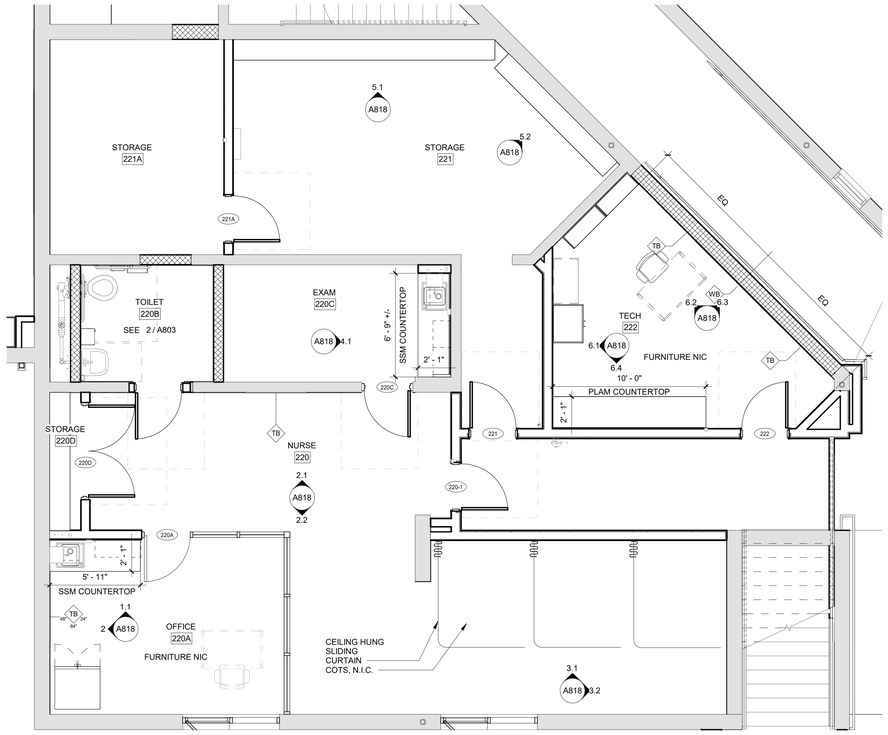
Key Plan:



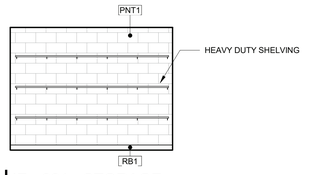
Drawing Title:
ENLARGED ADMIN PLANS & ELEVATIONS

Drawing Number:
A817

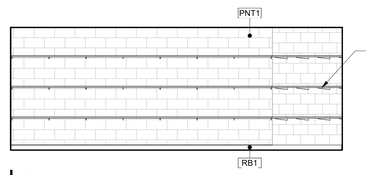
0' 2' 4' 8' 12'



1 | A818 | ENLARGED NURSES PLAN
SCALE: 1/4" = 1'-0"



5.2 | A818 | IE - 221 - STORAGE
SCALE: 1/4" = 1'-0"



5.1 | A818 | IE - 221 - STORAGE
SCALE: 1/4" = 1'-0"

MATERIAL LEGEND:

PNT1 — SEE A900 FOR MATERIAL INFORMATION

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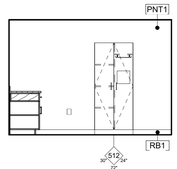
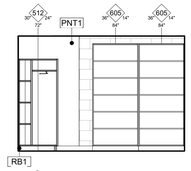
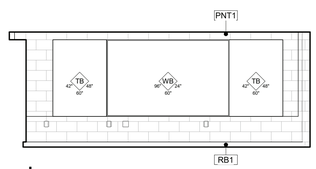


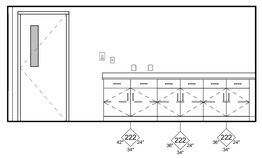
6.1 | A818 | IE - 222 - TECH
SCALE: 1/4" = 1'-0"



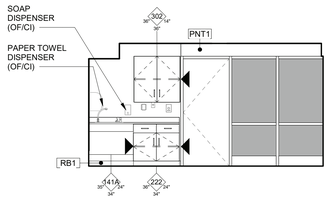
6.2 | A818 | IE - 222 - TECH
SCALE: 1/4" = 1'-0"



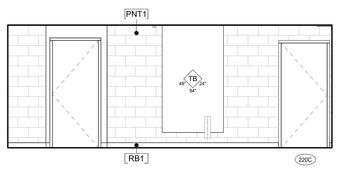
6.3 | A818 | IE - 222 - TECH
SCALE: 1/4" = 1'-0"



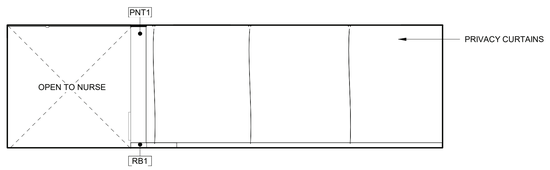
6.4 | A818 | IE - 222 - TECH
SCALE: 1/4" = 1'-0"



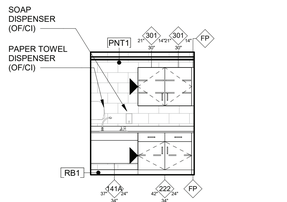
1.1 | A818 | IE - 220A - OFFICE
SCALE: 1/4" = 1'-0"



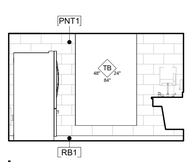
2.1 | A818 | IE - 220 - NURSE
SCALE: 1/4" = 1'-0"



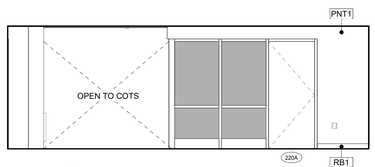
3.1 | A818 | IE - 220 - NURSE COTS
SCALE: 1/4" = 1'-0"



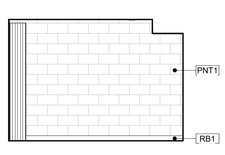
4.1 | A818 | IE - 220C - EXAM ROOM
SCALE: 1/4" = 1'-0"



2 | A818 | IE - 220A - OFFICE
SCALE: 1/4" = 1'-0"



2.2 | A818 | IE - 220 - NURSE
SCALE: 1/4" = 1'-0"



3.2 | A818 | IE - 220 - NURSE COTS
SCALE: 1/4" = 1'-0"

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SGA PROJECT NUMBER: 23-029

Key Plan:

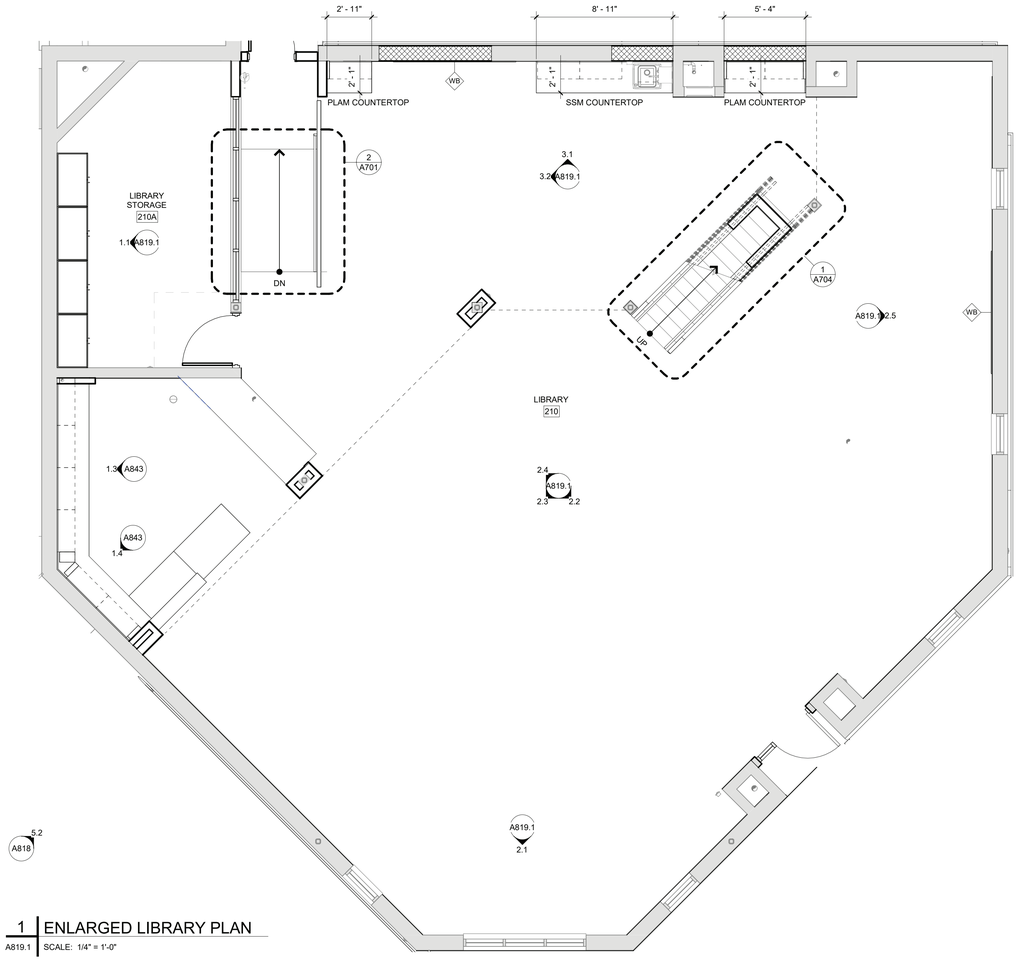
Drawing Title:

ENLARGED NURSE PLANS & ELEVATIONS

Drawing Number:

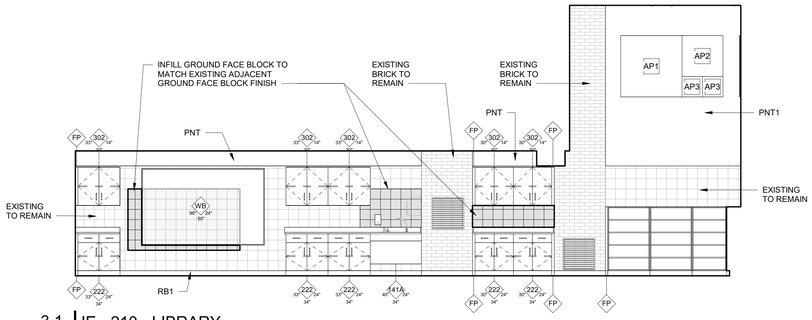
A818

0' 4' 8' 12'



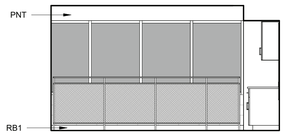
1 ENLARGED LIBRARY PLAN

A819.1 SCALE: 1/4" = 1'-0"



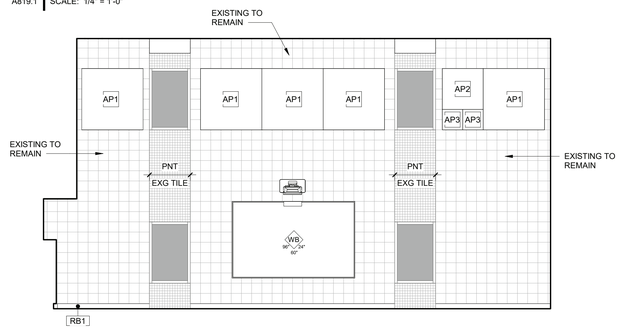
3.1 IE - 210 - LIBRARY

A819.1 SCALE: 1/4" = 1'-0"



3.2 IE - 210 - LIBRARY

A819.1 SCALE: 1/4" = 1'-0"

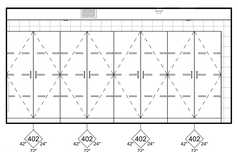


2.5 IE - 210 - LIBRARY

A819.1 SCALE: 1/4" = 1'-0"

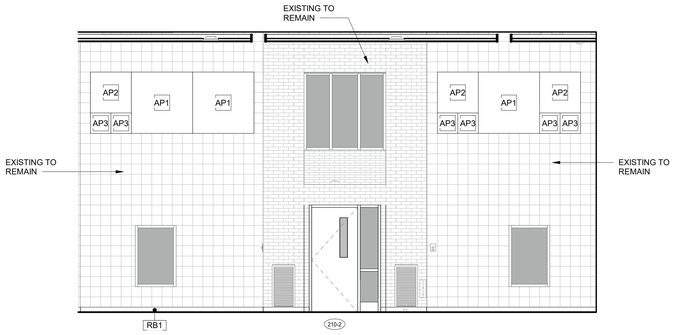
ACOUSTICAL PANEL SCHEDULE

TYPE MARK	WIDTH	HEIGHT	DEPTH
AP1	4' - 0"	4' - 0"	0' - 0 3/4"
AP2	2' - 8"	2' - 8"	0' - 0 3/4"
AP3	1' - 4"	1' - 4"	0' - 0 3/4"



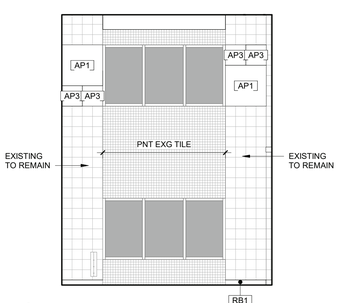
1.1 IE - 210A - LIBRARY STORAGE

A819.1 SCALE: 1/4" = 1'-0"



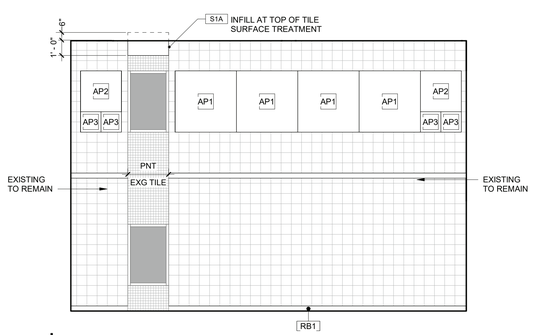
2.2 IE - 210 - LIBRARY

A819.1 SCALE: 1/4" = 1'-0"



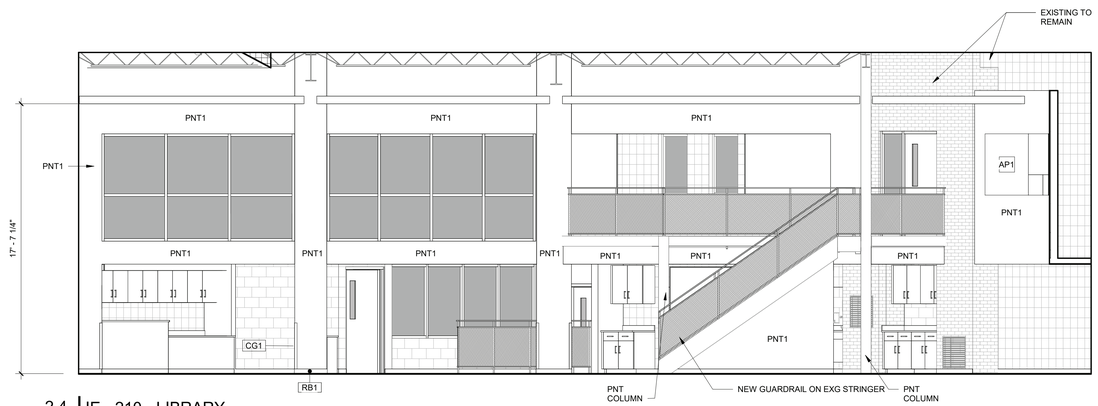
2.1 IE - 210 - LIBRARY

A819.1 SCALE: 1/4" = 1'-0"



2.3 IE - 210 - LIBRARY

A819.1 SCALE: 1/4" = 1'-0"



2.4 IE - 210 - LIBRARY

A819.1 SCALE: 1/4" = 1'-0"

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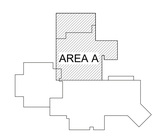
Key Plan:



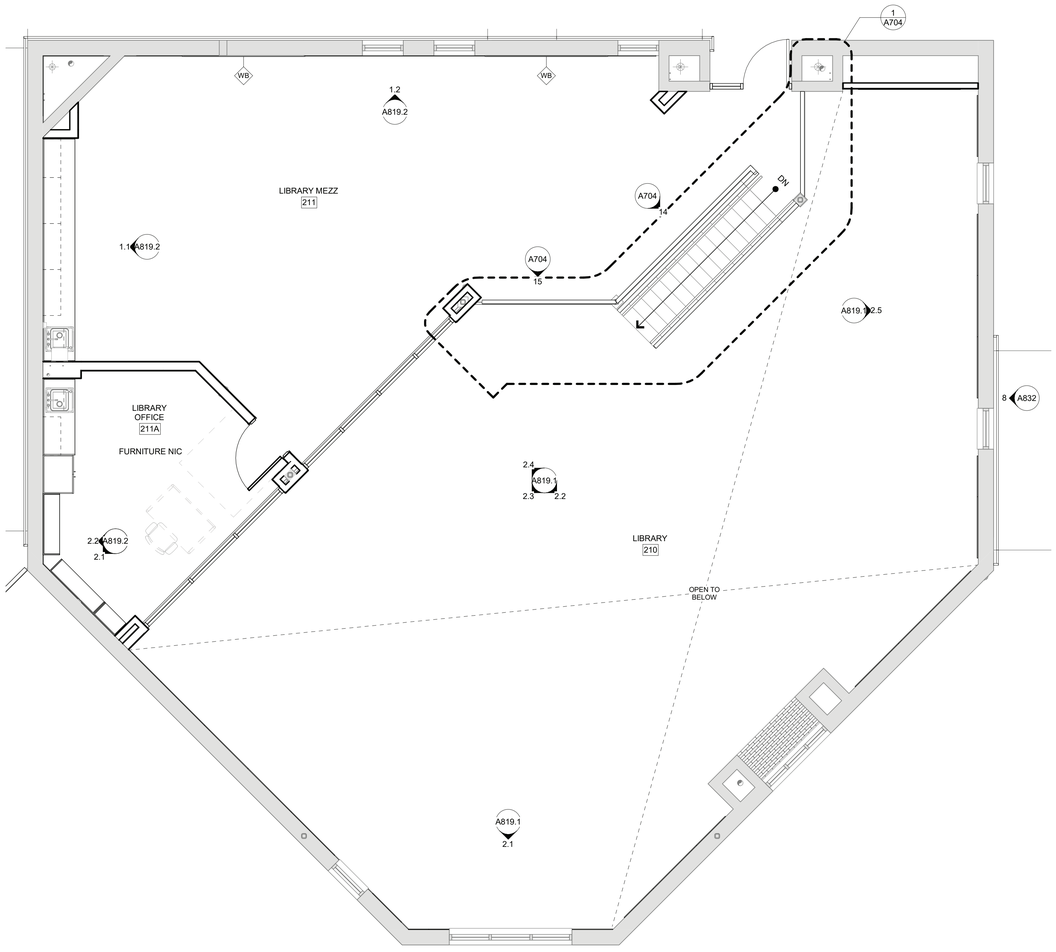
Drawing Title:

ENLARGED LIBRARY PLANS & ELEVATIONS

Drawing Number:

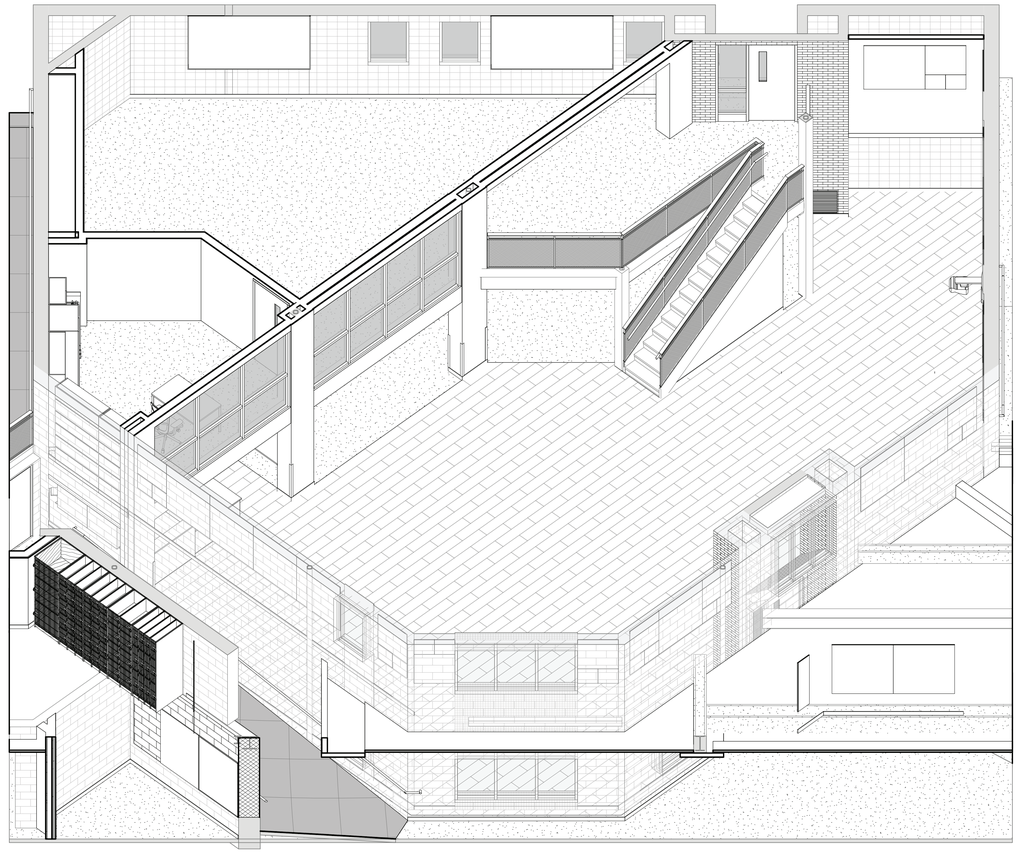
A819.1

0' 4' 8' 12'



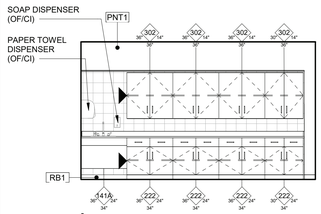
1 | ENLARGED LIBRARY MEZZANINE PLAN

A819.2 | SCALE: 1/4" = 1'-0"



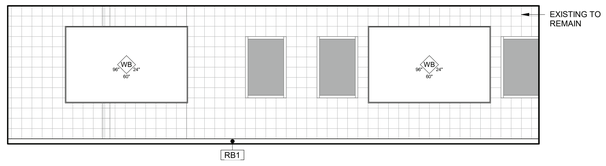
2 | ORTHOGRAPHIC

A819.2 | SCALE:



1.1 | IE - 2 - LIBRARY MEZZ

A819.2 | SCALE: 1/4" = 1'-0"

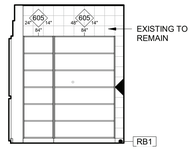


1.2 | IE - 2 - LIBRARY MEZZ

A819.2 | SCALE: 1/4" = 1'-0"

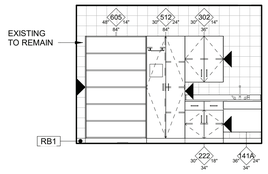
3 | PERSPECTIVE

A819.2 | SCALE:



2.1 | IE - 211A - LIBRARY OFFICE

A819.2 | SCALE: 1/4" = 1'-0"



2.2 | IE - 211A - LIBRARY OFFICE

A819.2 | SCALE: 1/4" = 1'-0"

0' 2' 4' 8' 12'

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
Conshohocken, PA 19428
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Consultants:

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Structural Engineer

SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
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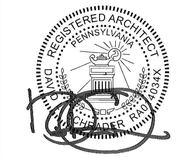
Professional Seal:



Owner:
WEST CHESTER AREA
SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:

HILLSDALE ELEMENTARY
SCHOOL

725 West Market Street
West Chester, PA 19382

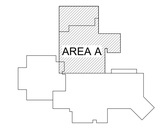
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

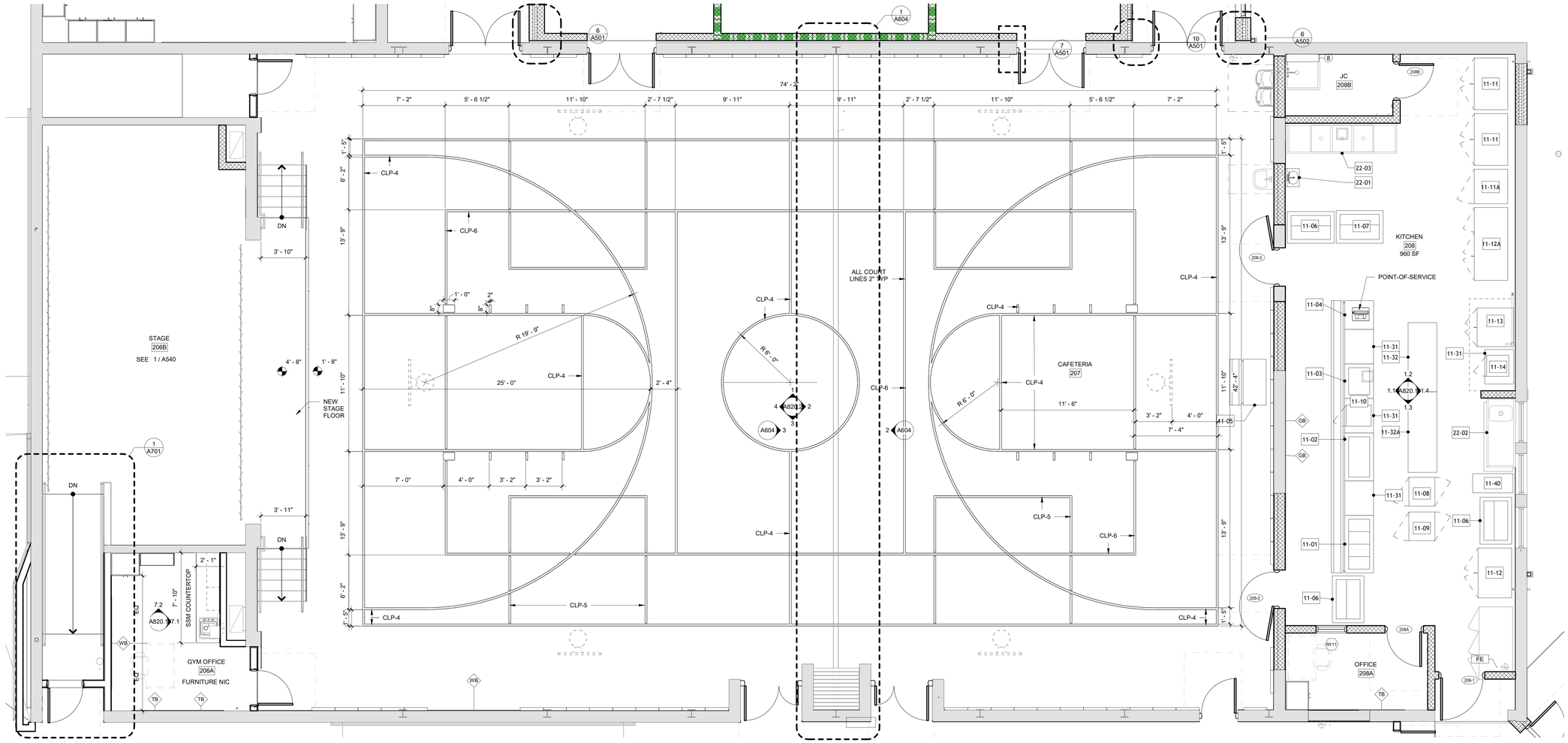


Drawing Title:

ENLARGED LIBRARY
MEZZANINE PLAN

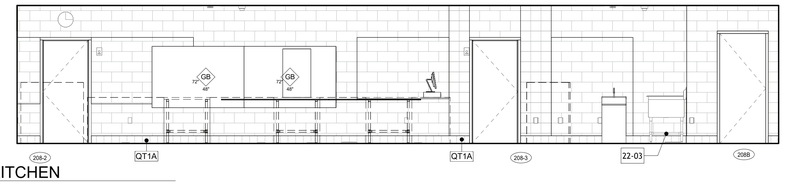
Drawing Number:

A819.2



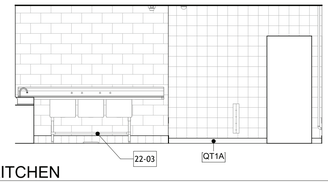
1 ENLARGED GYM PLAN

A820.1 SCALE: 1/4" = 1'-0"



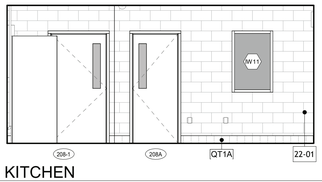
1.1 IE - KITCHEN

A820.1 SCALE: 1/4" = 1'-0"



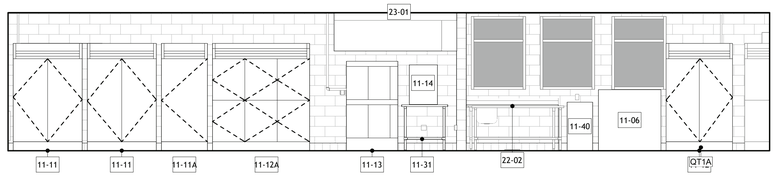
1.2 IE - KITCHEN

A820.1 SCALE: 1/4" = 1'-0"



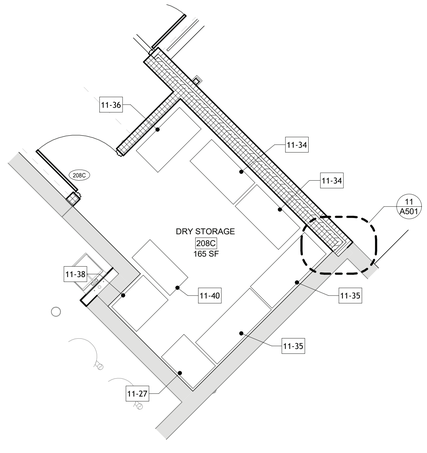
1.3 IE - KITCHEN

A820.1 SCALE: 1/4" = 1'-0"



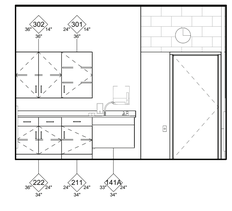
1.4 IE - KITCHEN

A820.1 SCALE: 1/4" = 1'-0"



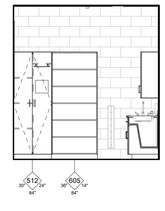
6 ENLARGED DRY STORAGE PLAN

A820.1 SCALE: 1/4" = 1'-0"



7.1 IE - GYM OFFICE

A820.1 SCALE: 1/4" = 1'-0"



7.2 IE - GYM OFFICE

A820.1 SCALE: 1/4" = 1'-0"

0' 2' 4' 8' 12'

KITCHEN EQUIPMENT SCHEDULE

EQUIP. NO.	QUANTITY	DESCRIPTION	MANUFACTURER	MODEL NO.	PROVIDED BY	INSTALLED BY
11-01	1	SERVING LINE - HOT UNIT	DELFIELD	SN-4-NU	OWNER	OWNER
11-02	1	SERVICE LINE - COLD UNIT	DUKE MANUFACTURING	SCSC-50-BP	OWNER	OWNER
11-03	1	SERVICE LINE - COLD UNIT	DUKE MANUFACTURING	SCSC-36-BP	OWNER	OWNER
11-04	1	CASH REGISTER STAND	DELFIELD	SCS-36	OWNER	OWNER
11-05	1	CONDIMENT COUNTER	COMMERCIAL STAINLESS FABRICTORS	CUSTOM	OWNER	OWNER
11-06	4	MILK COOLER (EXISTING)	AVANT CO / CONTINENTAL	179MC49HC / MC4NSSS	OWNER	OWNER
11-07	2	ICE CREAM COOLER (EXISTING)	HERSHEY'S SHOWCASE / C NELSON CO	SD451S / CG9)	OWNER	OWNER
11-08	1	PASS-THRU REFRIGERATOR	TRAULSEN	G10012P	OWNER	OWNER
11-09	1	PASS-THRU HEATED CABINET	TRAULSEN	G14312P	OWNER	OWNER
11-10	1	REFRIGERATOR - COUNTER TOP	EXISTING	EXISTING	OWNER	OWNER
11-11	4	REACH-IN FREEZER (EXISTING)	TRUE / TRAULSEN	T-49F / G22010	OWNER	OWNER
11-11A	2	REACH-IN FREEZER (EXISTING)	ARCTIC AIR	F22CWF4	OWNER	OWNER
11-12	2	REACH-IN REFRIGERATOR (EXISTING)	VICTORY	RA-2D-S7	OWNER	OWNER
11-12A	2	REACH-IN REFRIGERATOR (EXISTING)	TRAULSEN	G30011	OWNER	OWNER
11-13	2	CONVECTION OVEN, GAS	VALCAN	VC44GD	OWNER	OWNER
11-14	1	STEAMER, CONVECTION - COUNTERTOP	CLEVELAND RANGE	1SCEMCS	OWNER	OWNER
11-27	1	CAN RACK	EXISTING	EXISTING	OWNER	OWNER
11-31	4	EQUIPMENT STAND	EAGLE GROUP	600ES3036G	OWNER	OWNER
11-32	2	WORK TABLE	EXISTING	EXISTING	OWNER	OWNER
11-32A	1	WORK TABLE	EXISTING	EXISTING	OWNER	OWNER
11-34	2	SHELVING, WIRE (24X48)	REGENCY	460EC2448	OWNER	OWNER
11-35	2	SHELVING, WIRE (24X60)	REGENCY	460EC2460	OWNER	OWNER
11-36	1	DRYING RACK UNIT (4-TIER)	METRO	PR48X3	OWNER	OWNER
11-38	1	CAN DISPENSING RACK	WINHOLT EQUIPMENT	CR-162M	OWNER	OWNER
11-40	2	BUSSING UTILITY TRANSPORT CART	RUBBERMAID	FG409100BLA	OWNER	OWNER
22-01	1	HAND SINK	ELKAY	SEE PLUMB DWGS	PC	PC
22-02	1	PREP SINK	BK	SEE PLUMB DWGS	PC	PC
22-03	1	THREE-COMPARTMENT SINK	EAGLE GROUP	SEE PLUMB DWGS	PC	PC
23-01	1	EXHAUST HOOD	-	SEE MECH DWGS	MC	MC

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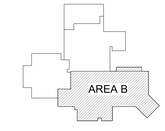
DATE: 12/03/2024

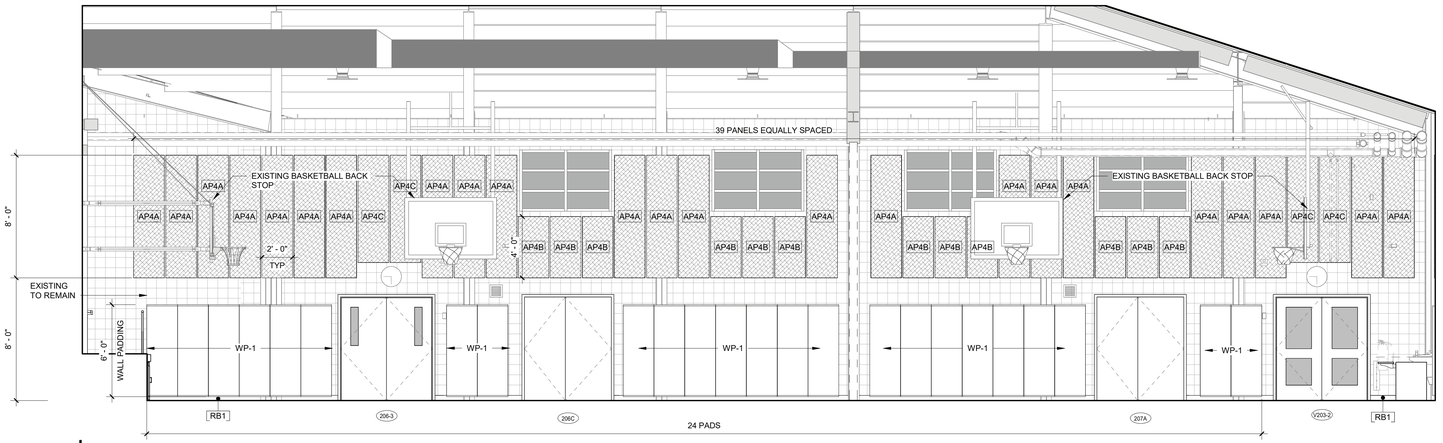
SGA PROJECT NUMBER: 23-029

Key Plan:



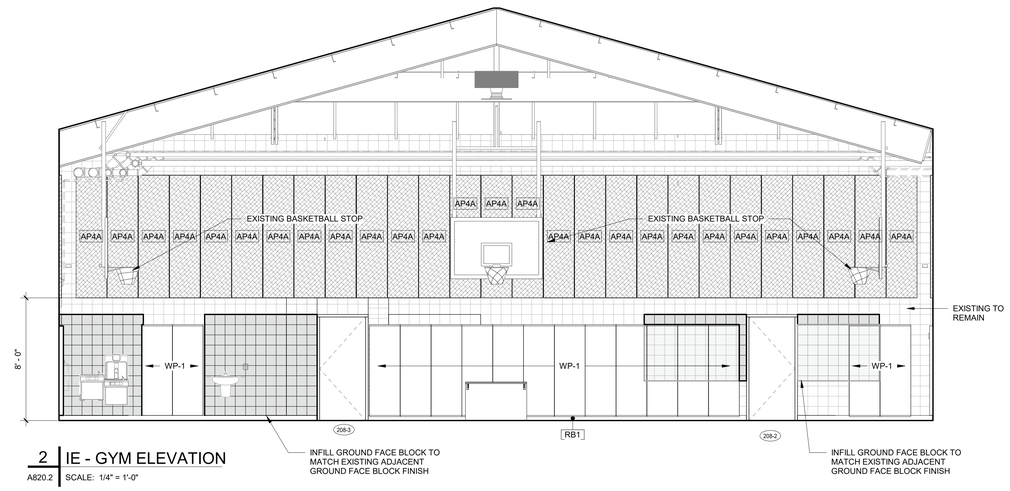
Drawing Title:
ENLARGED KITCHEN, CAFETERIA AND GYM PLAN

Drawing Number:
A820.1



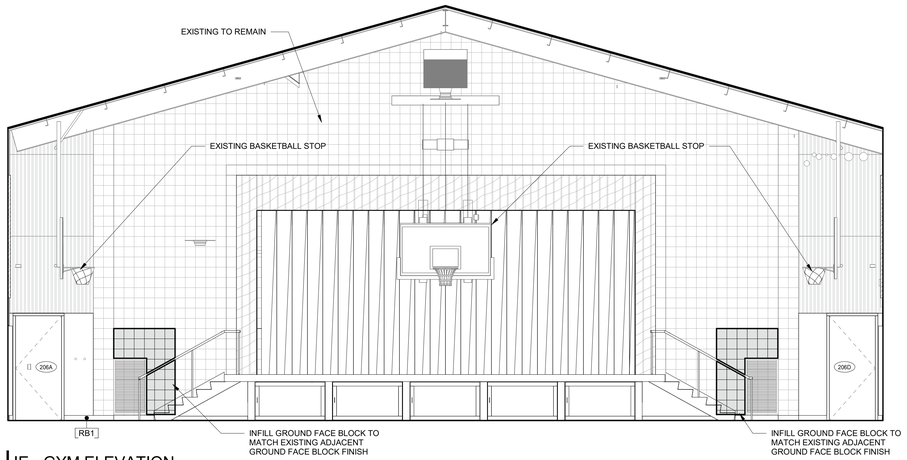
1 | A820.2 IE - GYM ELEVATION

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



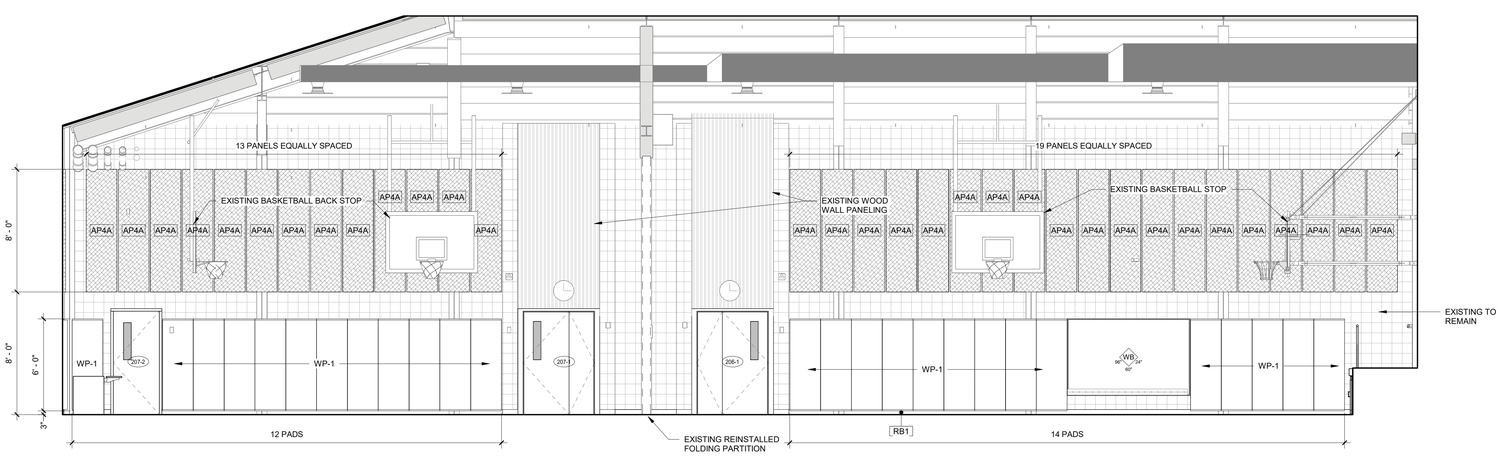
2 | A820.2 IE - GYM ELEVATION

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



4 | A820.2 IE - GYM ELEVATION

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



3 | A820.2 IE - GYM ELEVATION

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

ACOUSTIC PANEL SCHEDULE

Model	Comments
AP4A	2' X 8' TECTUM DIRECT-ATTACH WALL PANEL
AP4B	2' X 4' TECTUM DIRECT-ATTACH WALL PANEL
AP4C	2' X 8' TECTUM DIRECT-ATTACH WALL PANEL

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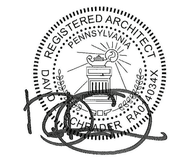

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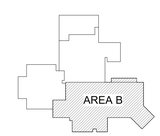


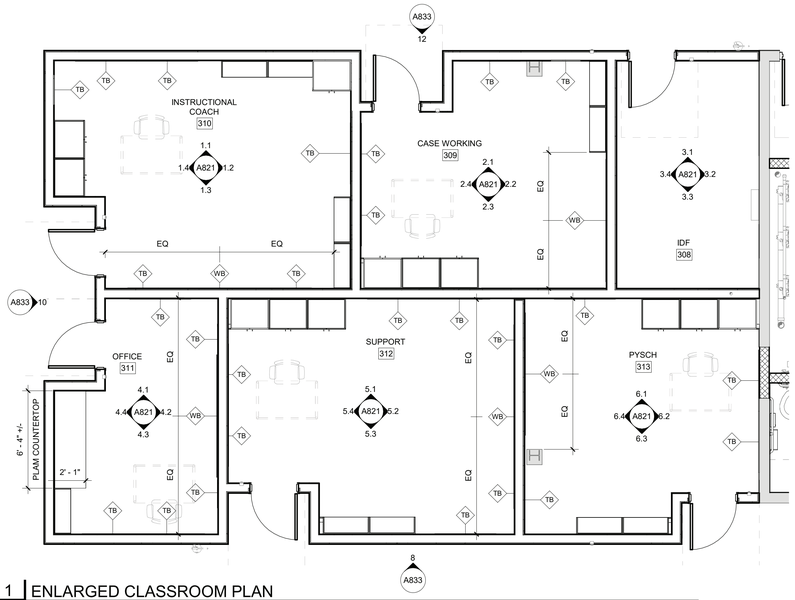
Drawing Title:

ENLARGED GYM ELEVATIONS

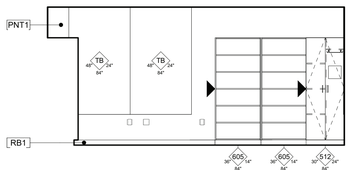
Drawing Number:

A820.2

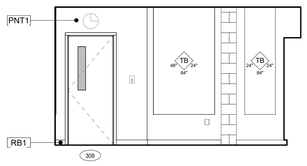
0' 2' 4' 8' 12'



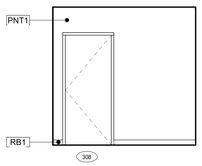
1 | A821 ENLARGED CLASSROOM PLAN
SCALE: 1/4" = 1'-0"



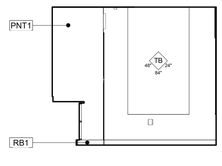
1.1 | A821 IE - 310 - INSTRUCTIONAL COACH
SCALE: 1/4" = 1'-0"



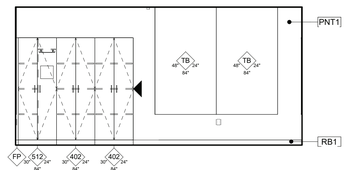
2.1 | A821 IE - 309 - CASE WORKING
SCALE: 1/4" = 1'-0"



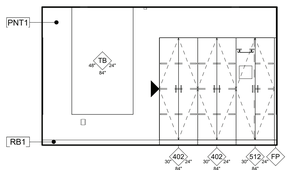
3.1 | A821 IE - 308 - IDF
SCALE: 1/4" = 1'-0"



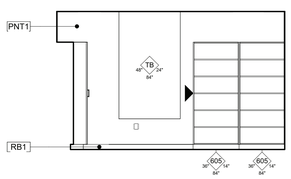
4.1 | A821 IE - 311 - OFFICE
SCALE: 1/4" = 1'-0"



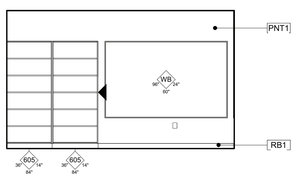
5.1 | A821 IE - 312 - SUPPORT
SCALE: 1/4" = 1'-0"



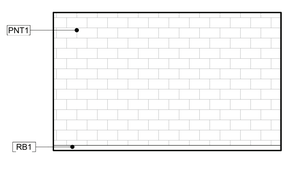
6.1 | A821 IE - 313 - PYSCH
SCALE: 1/4" = 1'-0"



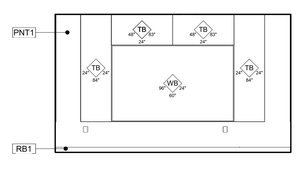
1.2 | A821 IE - 310 - INSTRUCTIONAL COACH
SCALE: 1/4" = 1'-0"



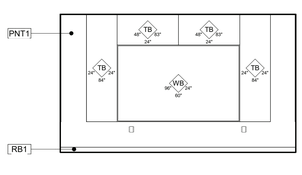
2.2 | A821 IE - 309 - CASE WORKING
SCALE: 1/4" = 1'-0"



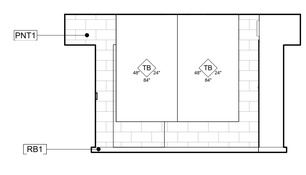
3.2 | A821 IE - 308 - IDF
SCALE: 1/4" = 1'-0"



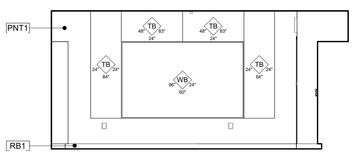
4.2 | A821 IE - 311 - OFFICE
SCALE: 1/4" = 1'-0"



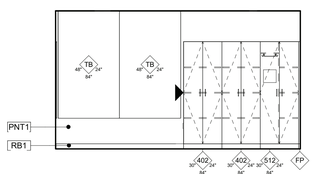
5.2 | A821 IE - 312 - SUPPORT
SCALE: 1/4" = 1'-0"



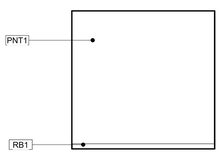
6.2 | A821 IE - 313 - PYSCH
SCALE: 1/4" = 1'-0"



1.3 | A821 IE - 310 - INSTRUCTIONAL COACH
SCALE: 1/4" = 1'-0"



2.3 | A821 IE - 309 - CASE WORKING
SCALE: 1/4" = 1'-0"



3.3 | A821 IE - 308 - IDF
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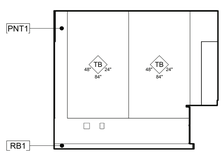
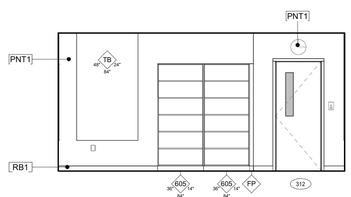
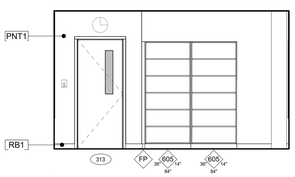


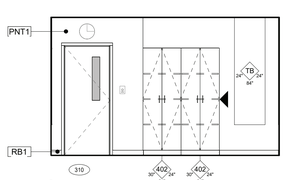
4.3 | A821 IE - 311 - OFFICE
SCALE: 1/4" = 1'-0"



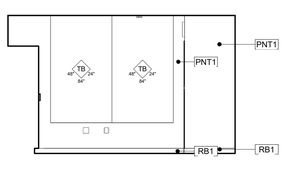
5.3 | A821 IE - 312 - SUPPORT
SCALE: 1/4" = 1'-0"



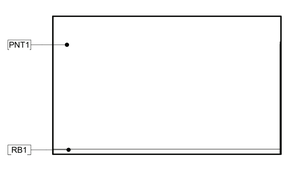
6.3 | A821 IE - 313 - PYSCH
SCALE: 1/4" = 1'-0"



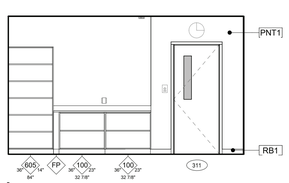
1.4 | A821 IE - 310 - INSTRUCTIONAL COACH
SCALE: 1/4" = 1'-0"



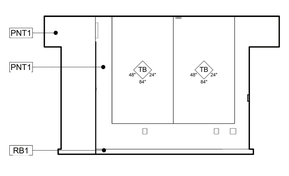
2.4 | A821 IE - 309 - CASE WORKING
SCALE: 1/4" = 1'-0"



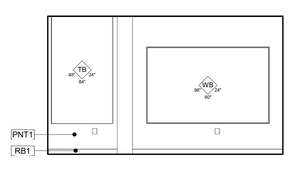
3.4 | A821 IE - 308 - IDF
SCALE: 1/4" = 1'-0"



4.4 | A821 IE - 311 - OFFICE
SCALE: 1/4" = 1'-0"



5.4 | A821 IE - 312 - SUPPORT
SCALE: 1/4" = 1'-0"



6.4 | A821 IE - 313 - PYSCH
SCALE: 1/4" = 1'-0"

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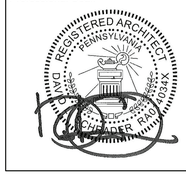

Owner:
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West Chester, PA 19382

ISSUED FOR:

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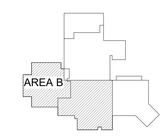
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

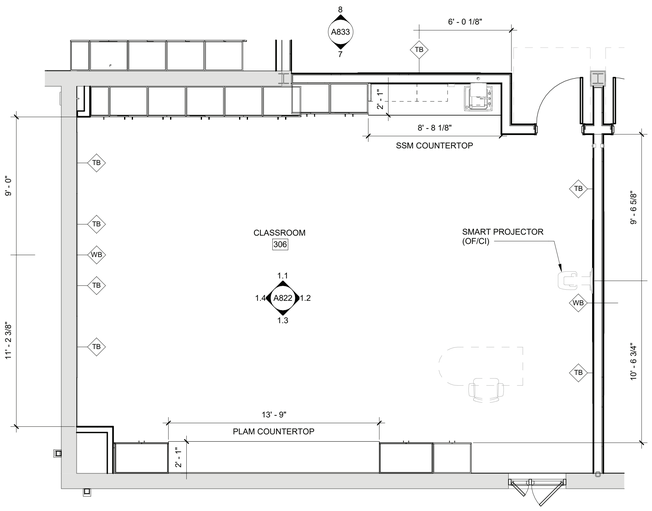


Drawing Title:

ENLARGED AREA B
PLANS & ELEVATIONS

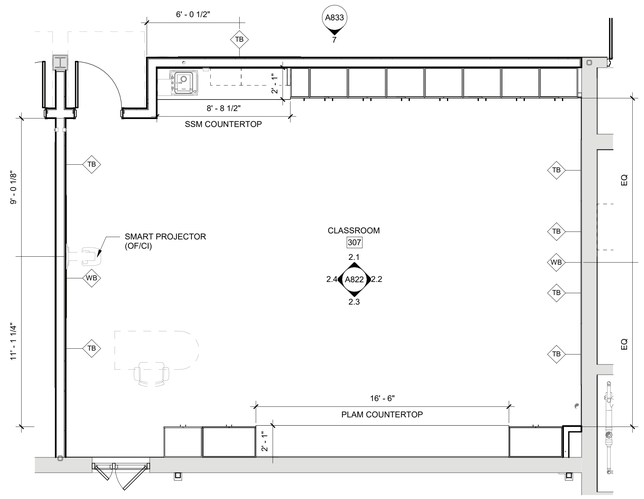
Drawing Number:

A821



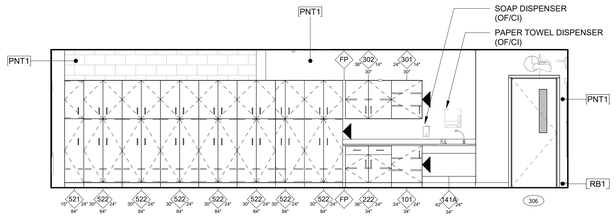
1 ENLARGED CLASSROOM PLAN

A822 SCALE: 1/4" = 1'-0"



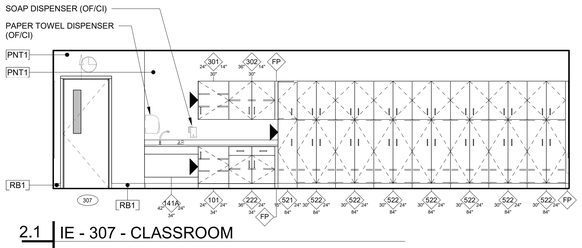
2 ENLARGED CLASSROOM PLAN

A822 SCALE: 1/4" = 1'-0"



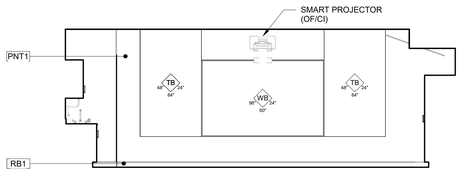
1.1 IE - 306 - CLASSROOM

A822 SCALE: 1/4" = 1'-0"



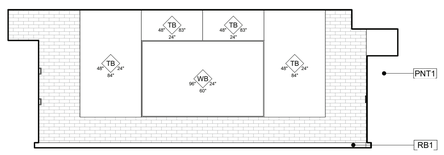
2.1 IE - 307 - CLASSROOM

A822 SCALE: 1/4" = 1'-0"



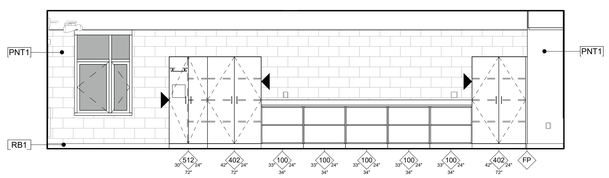
1.2 IE - 306 - CLASSROOM

A822 SCALE: 1/4" = 1'-0"



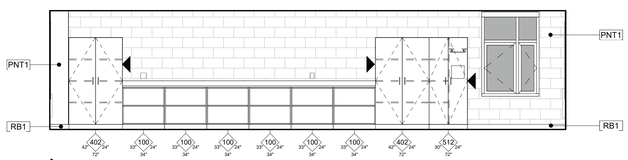
2.2 IE - 307 - CLASSROOM

A822 SCALE: 1/4" = 1'-0"



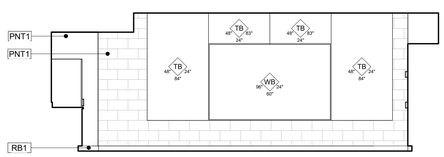
1.3 IE - 306 - CLASSROOM

A822 SCALE: 1/4" = 1'-0"



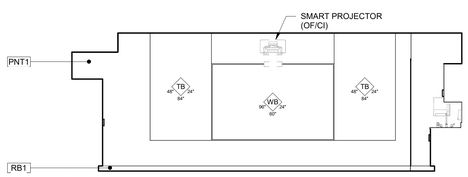
2.3 IE - 307 - CLASSROOM

A822 SCALE: 1/4" = 1'-0"



1.4 IE - 306 - CLASSROOM

A822 SCALE: 1/4" = 1'-0"



2.4 IE - 307 - CLASSROOM

A822 SCALE: 1/4" = 1'-0"

0' 2' 4' 8' 12'

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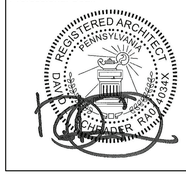

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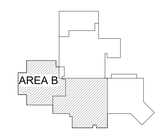
Key Plan:

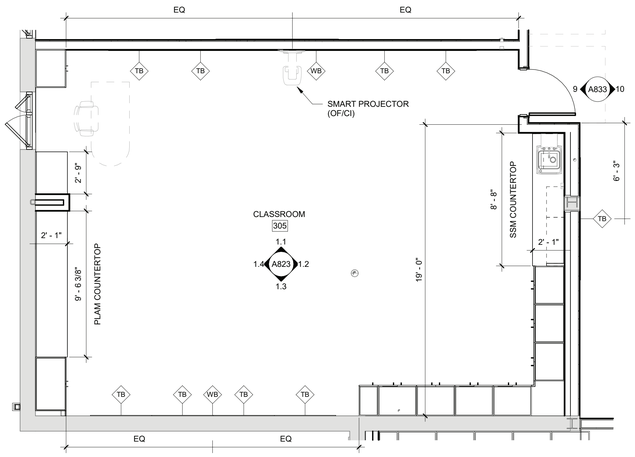


Drawing Title:

ENLARGED AREA B
PLANS & ELEVATIONS

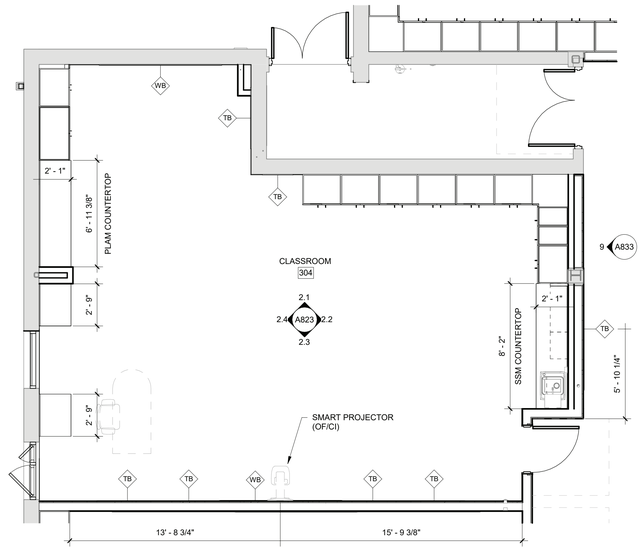
Drawing Number:

A822



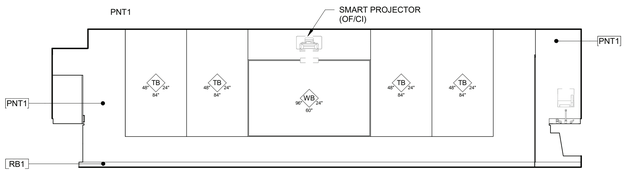
1 ENLARGED CLASSROOM PLAN

A823 SCALE: 1/4" = 1'-0"



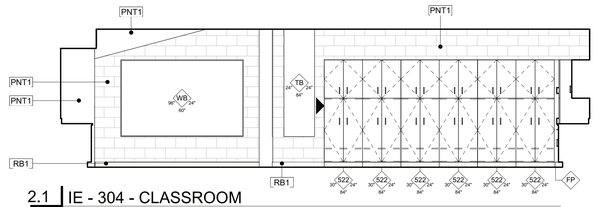
2 ENLARGED CLASSROOM PLAN

A823 SCALE: 1/4" = 1'-0"



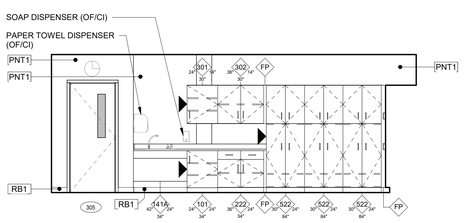
1.1 IE - 305 - CLASSROOM

A823 SCALE: 1/4" = 1'-0"



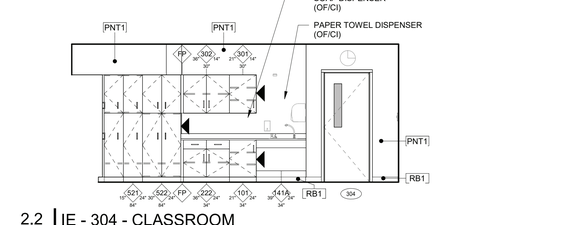
2.1 IE - 304 - CLASSROOM

A823 SCALE: 1/4" = 1'-0"



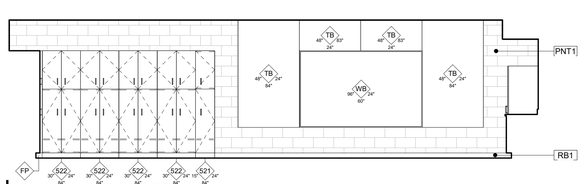
1.2 IE - 305 - CLASSROOM

A823 SCALE: 1/4" = 1'-0"



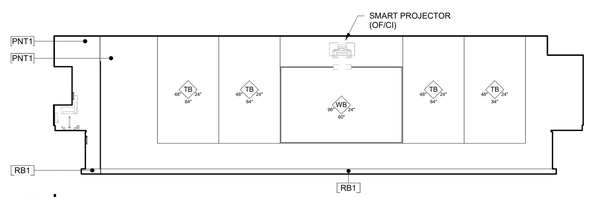
2.2 IE - 304 - CLASSROOM

A823 SCALE: 1/4" = 1'-0"



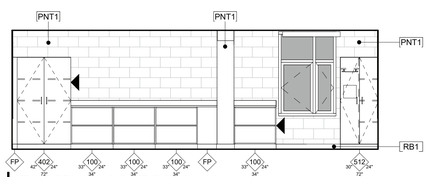
1.3 IE - 305 - CLASSROOM

A823 SCALE: 1/4" = 1'-0"



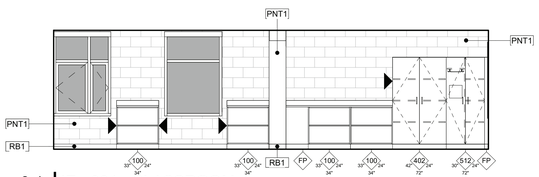
2.3 IE - 304 - CLASSROOM

A823 SCALE: 1/4" = 1'-0"



1.4 IE - 305 - CLASSROOM

A823 SCALE: 1/4" = 1'-0"



2.4 IE - 304 - CLASSROOM

A823 SCALE: 1/4" = 1'-0"

0' 4' 12'

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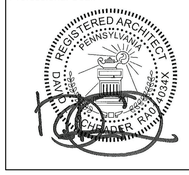

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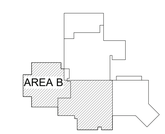
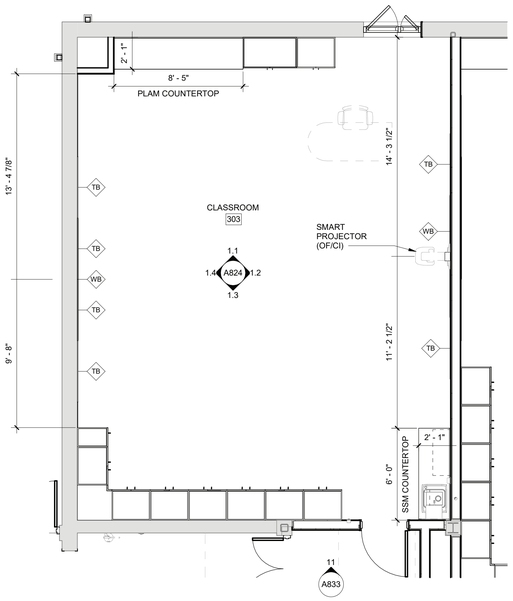


Drawing Title:

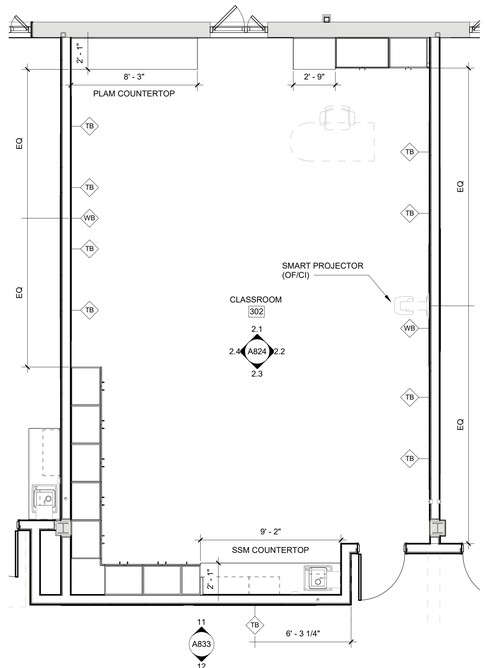
ENLARGED AREA B
PLANS & ELEVATIONS

Drawing Number:

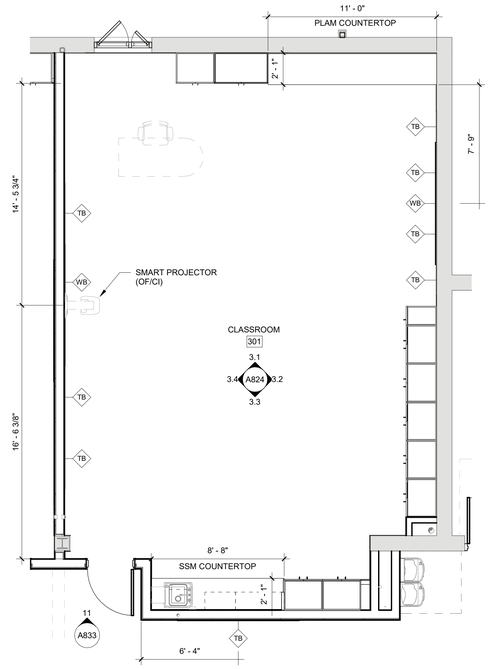
A823



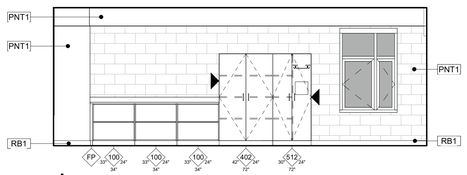
1 | ENLARGED CLASSROOM PLAN
A824 | SCALE: 1/4" = 1'-0"



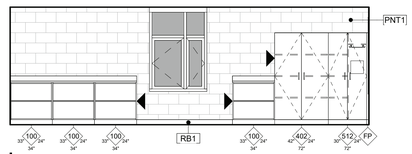
2 | ENLARGED CLASSROOM PLAN
A824 | SCALE: 1/4" = 1'-0"



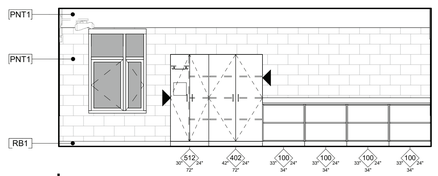
3 | ENLARGED CLASSROOM PLAN
A824 | SCALE: 1/4" = 1'-0"



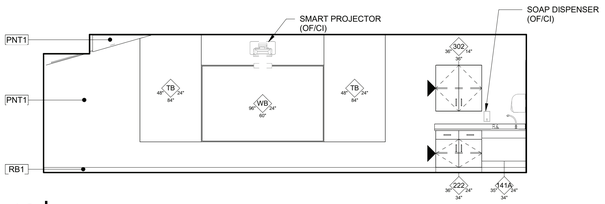
1.1 | IE - 303 - CLASSROOM
A824 | SCALE: 1/4" = 1'-0"



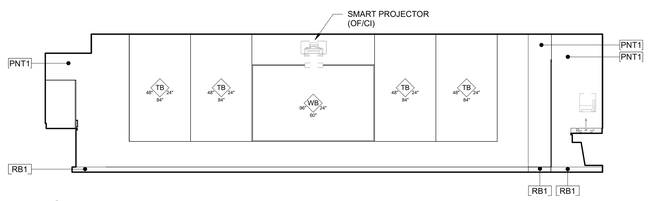
2.1 | IE - 302 - CLASSROOM
A824 | SCALE: 1/4" = 1'-0"



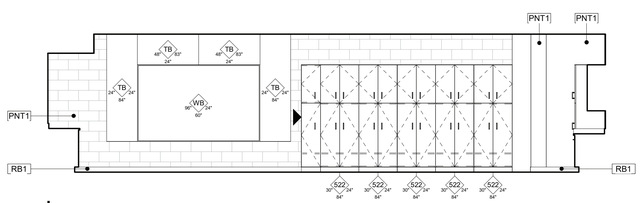
3.1 | IE - 301 - CLASSROOM
A824 | SCALE: 1/4" = 1'-0"



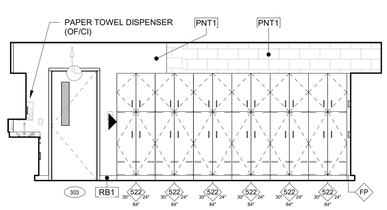
1.2 | IE - 303 - CLASSROOM
A824 | SCALE: 1/4" = 1'-0"



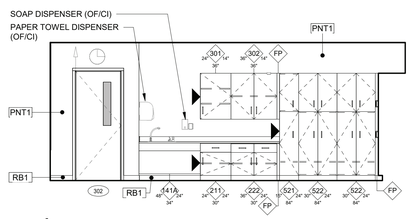
2.2 | IE - 302 - CLASSROOM
A824 | SCALE: 1/4" = 1'-0"



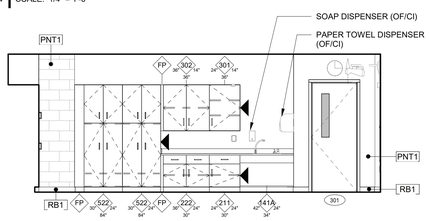
3.2 | IE - 301 - CLASSROOM
A824 | SCALE: 1/4" = 1'-0"



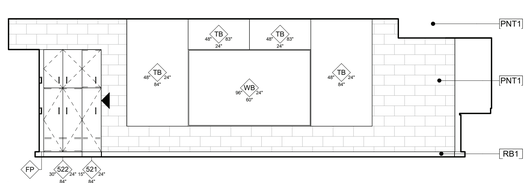
1.3 | IE - 303 - CLASSROOM
A824 | SCALE: 1/4" = 1'-0"



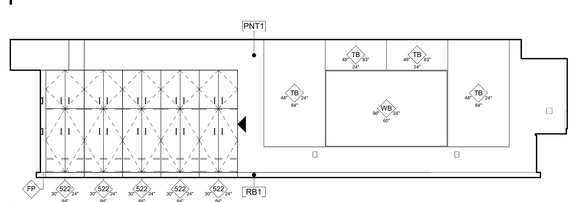
2.3 | IE - 302 - CLASSROOM
A824 | SCALE: 1/4" = 1'-0"



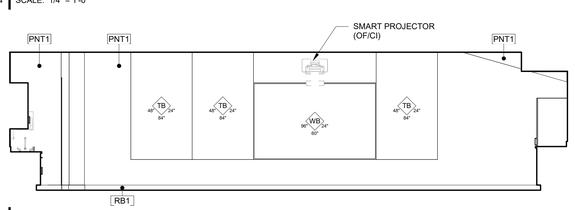
3.3 | IE - 301 - CLASSROOM
A824 | SCALE: 1/4" = 1'-0"



1.4 | IE - 303 - CLASSROOM
A824 | SCALE: 1/4" = 1'-0"



2.4 | IE - 302 - CLASSROOM
A824 | SCALE: 1/4" = 1'-0"



3.4 | IE - 301 - CLASSROOM
A824 | SCALE: 1/4" = 1'-0"

0' 2' 4' 8' 12'

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Structural Engineer
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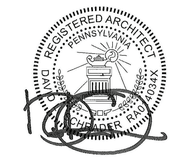
Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

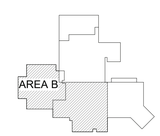
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

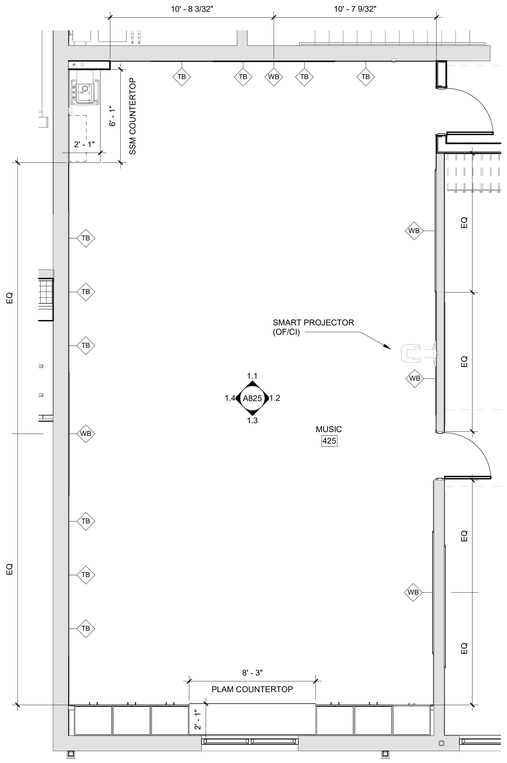
SGA PROJECT NUMBER: 23-029

Key Plan:

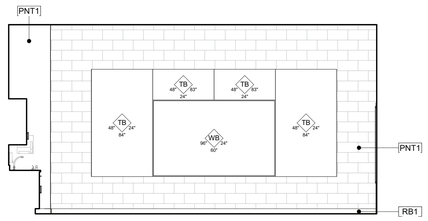


Drawing Title:
ENLARGED AREA B
PLANS & ELEVATIONS

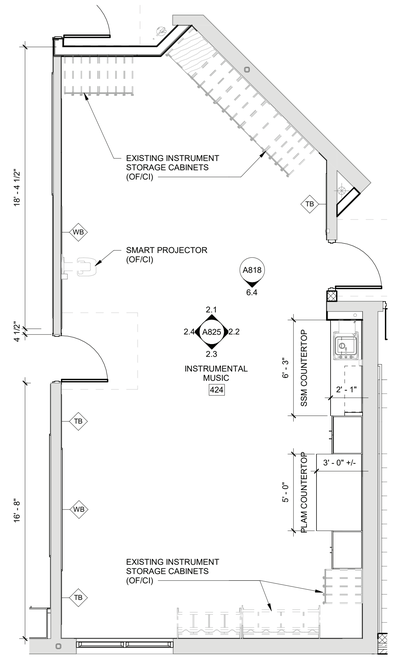
Drawing Number:
A824



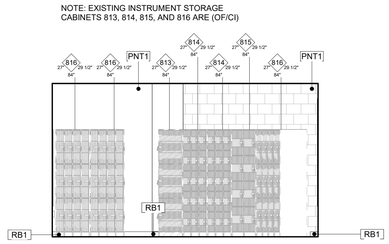
1 ENLARGED CLASSROOM PLAN
A825 SCALE: 1/4" = 1'-0"



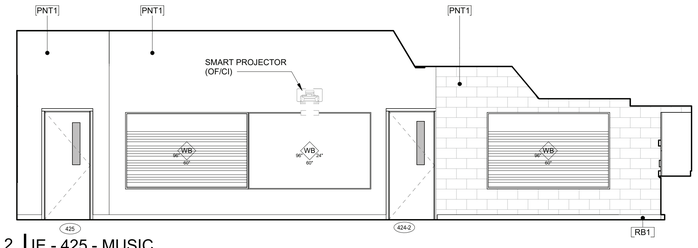
1.1 IE - 425 - MUSIC
A825 SCALE: 1/4" = 1'-0"



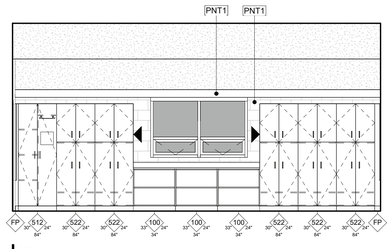
2 ENLARGED CLASSROOM PLAN
A825 SCALE: 1/4" = 1'-0"



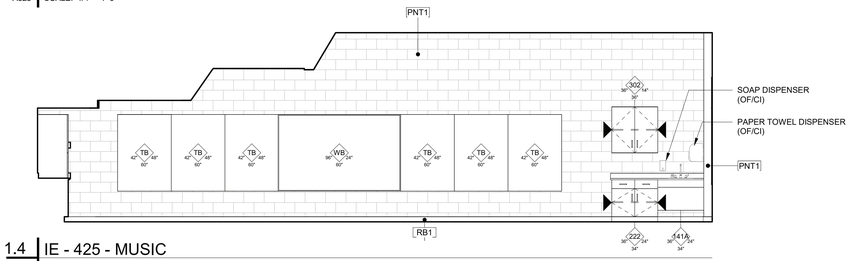
2.1 IE - 424 - INSTRUMENTAL MUSIC
A825 SCALE: 1/4" = 1'-0"



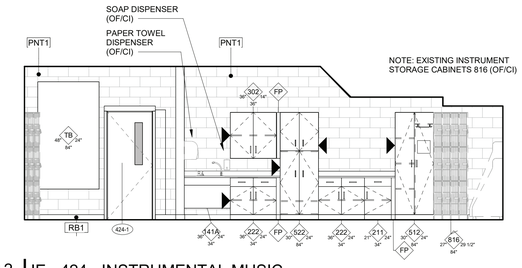
1.2 IE - 425 - MUSIC
A825 SCALE: 1/4" = 1'-0"



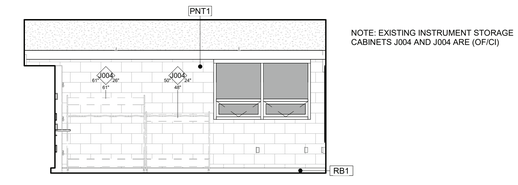
1.3 IE - 425 - MUSIC
A825 SCALE: 1/4" = 1'-0"



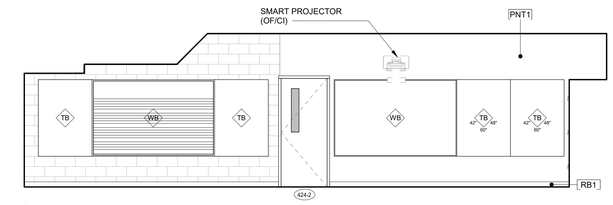
1.4 IE - 425 - MUSIC
A825 SCALE: 1/4" = 1'-0"



2.2 IE - 424 - INSTRUMENTAL MUSIC
A825 SCALE: 1/4" = 1'-0"



2.3 IE - 424 - INSTRUMENTAL MUSIC
A825 SCALE: 1/4" = 1'-0"



2.4 IE - 424 - INSTRUMENTAL MUSIC
A825 SCALE: 1/4" = 1'-0"

2' 4' 8' 12'
0'

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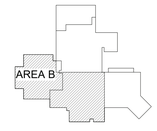
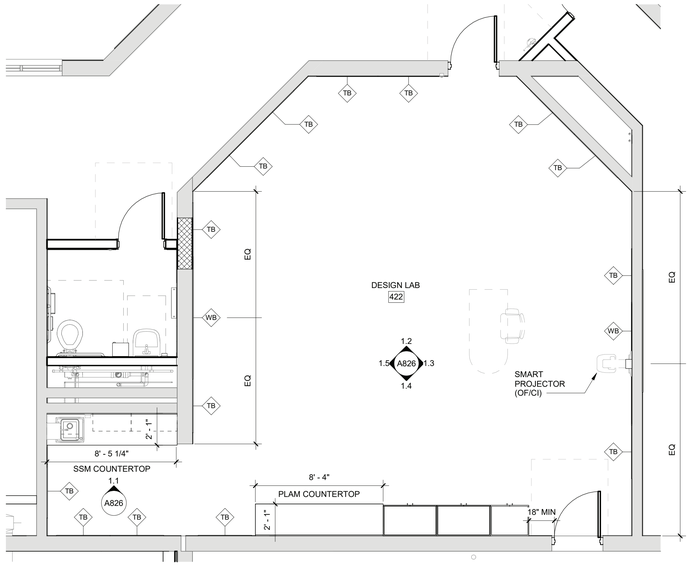
SGA PROJECT NUMBER: 23-029

Key Plan:



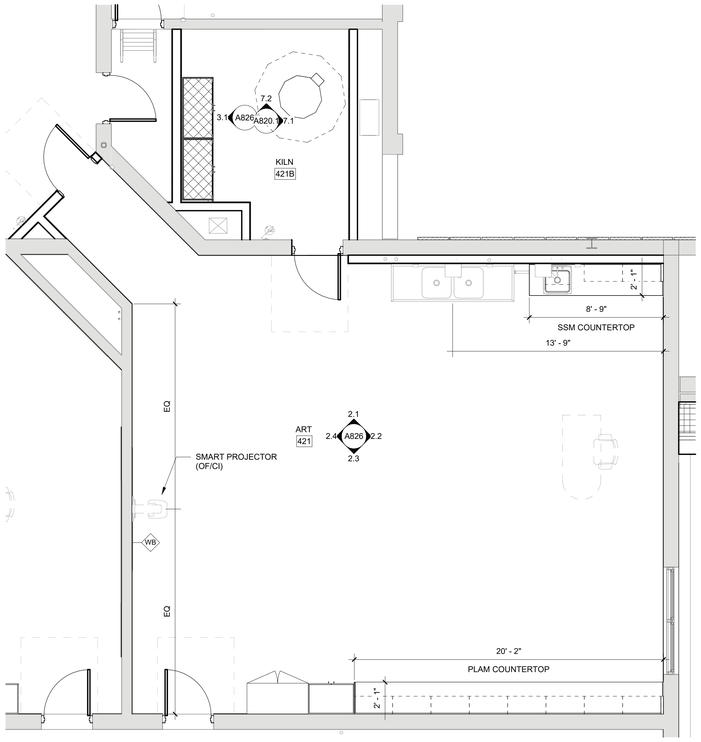
Drawing Title:
ENLARGED MUSIC PLANS & ELEVATIONS

Drawing Number:
A825



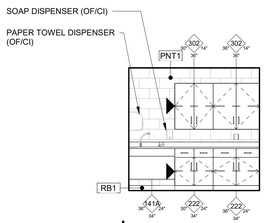
1 ENLARGED CLASSROOM PLAN

A826 SCALE: 1/4" = 1'-0"



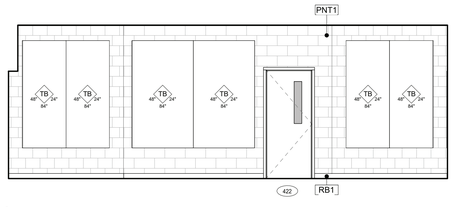
2 ENLARGED CLASSROOM PLAN

A826 SCALE: 1/4" = 1'-0"



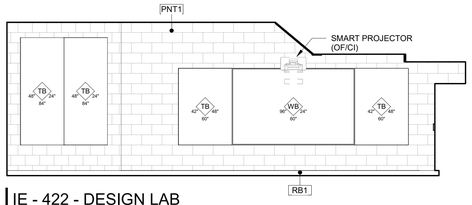
1.1 IE - 422 - DESIGN LAB

A826 SCALE: 1/4" = 1'-0"



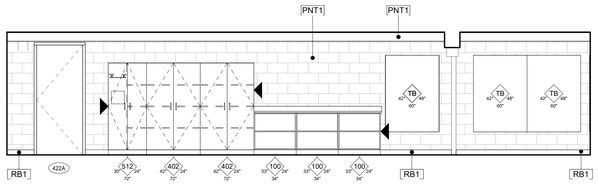
1.2 IE - 422 - DESIGN LAB

A826 SCALE: 1/4" = 1'-0"



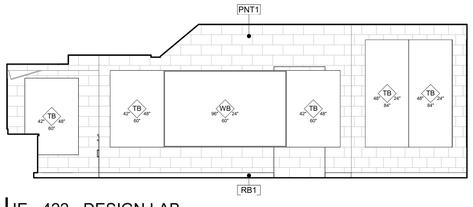
1.3 IE - 422 - DESIGN LAB

A826 SCALE: 1/4" = 1'-0"



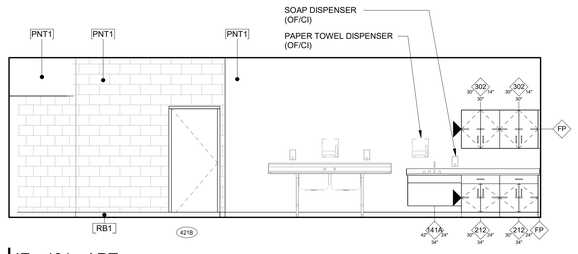
1.4 IE - 422 - DESIGN LAB

A826 SCALE: 1/4" = 1'-0"



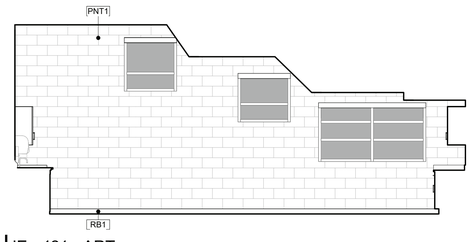
1.5 IE - 422 - DESIGN LAB

A826 SCALE: 1/4" = 1'-0"



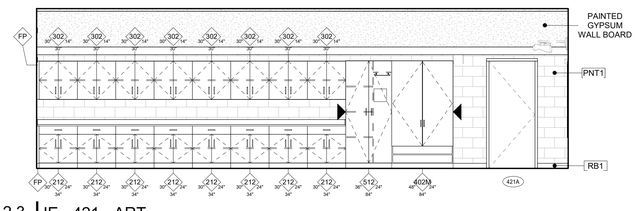
2.1 IE - 421 - ART

A826 SCALE: 1/4" = 1'-0"



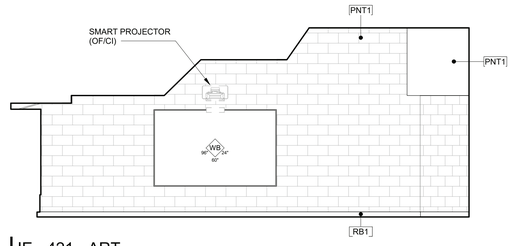
2.2 IE - 421 - ART

A826 SCALE: 1/4" = 1'-0"



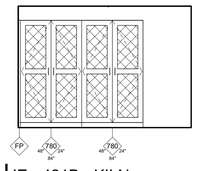
2.3 IE - 421 - ART

A826 SCALE: 1/4" = 1'-0"



2.4 IE - 421 - ART

A826 SCALE: 1/4" = 1'-0"



3.1 IE - 421B - KILN

A826 SCALE: 1/4" = 1'-0"

0' 4' 8' 12'

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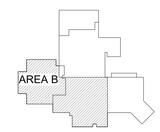
Key Plan:

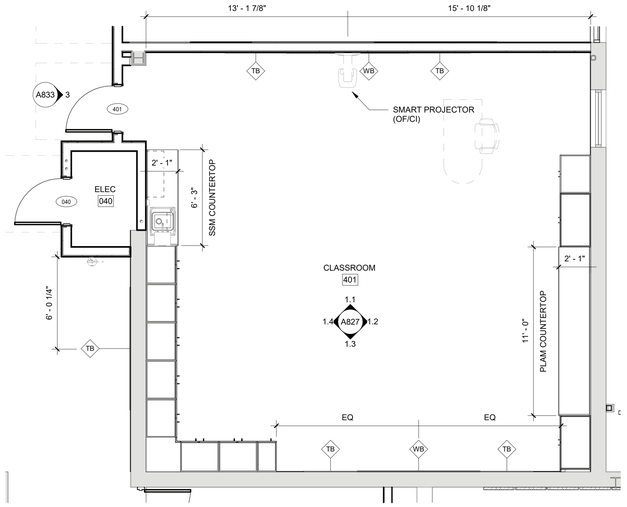


Drawing Title:

ENLARGED ART PLANS & ELEVATIONS

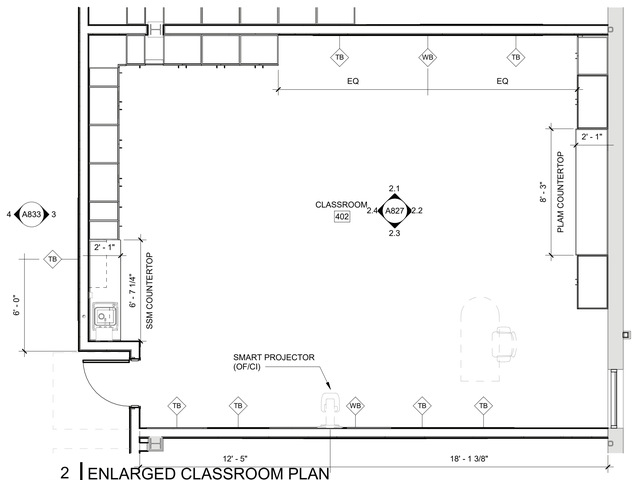
Drawing Number:

A826



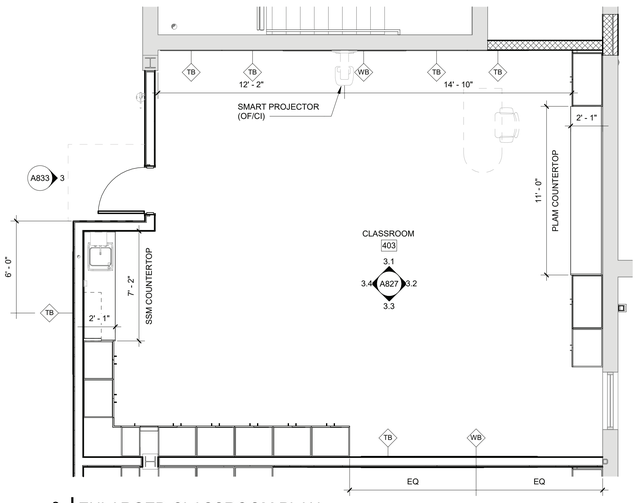
1 ENLARGED CLASSROOM PLAN

A827 SCALE: 1/4" = 1'-0"



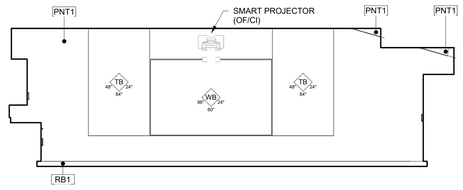
2 ENLARGED CLASSROOM PLAN

A827 SCALE: 1/4" = 1'-0"



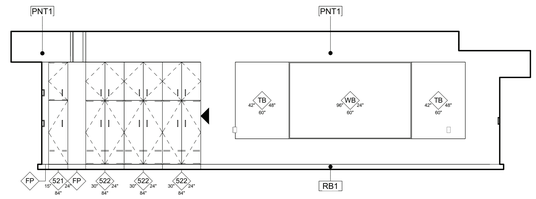
3 ENLARGED CLASSROOM PLAN

A827 SCALE: 1/4" = 1'-0"



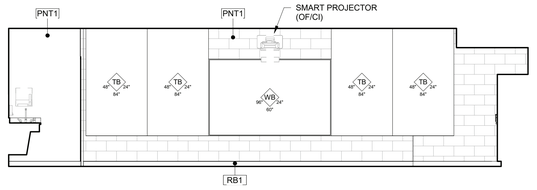
1.1 IE - 401 - CLASSROOM

A827 SCALE: 1/4" = 1'-0"



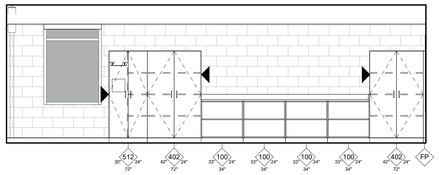
2.1 IE - 402 - CLASSROOM

A827 SCALE: 1/4" = 1'-0"



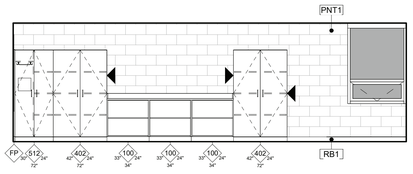
3.1 IE - 403 - CLASSROOM

A827 SCALE: 1/4" = 1'-0"



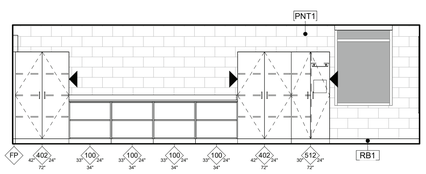
1.2 IE - 401 - CLASSROOM

A827 SCALE: 1/4" = 1'-0"



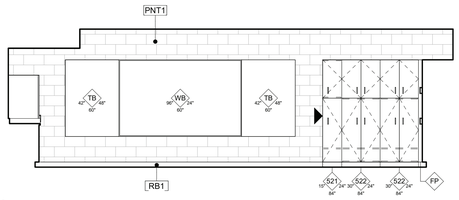
2.2 IE - 402 - CLASSROOM

A827 SCALE: 1/4" = 1'-0"



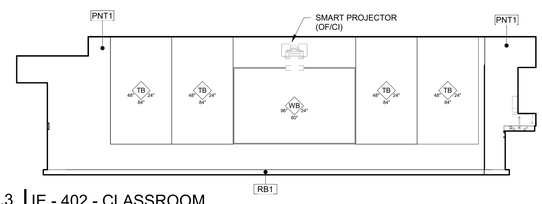
3.2 IE - 403 - CLASSROOM

A827 SCALE: 1/4" = 1'-0"



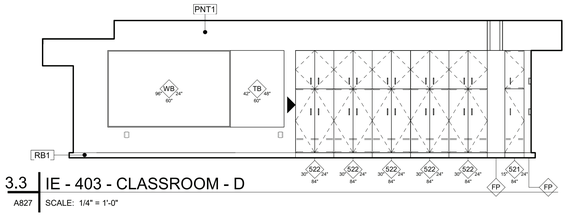
1.3 IE - 401 - CLASSROOM

A827 SCALE: 1/4" = 1'-0"



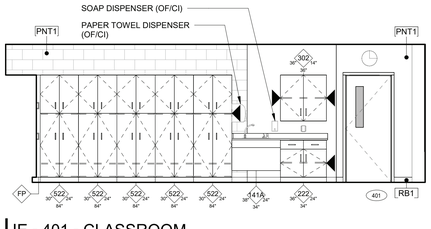
2.3 IE - 402 - CLASSROOM

A827 SCALE: 1/4" = 1'-0"



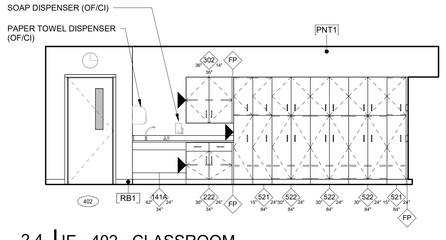
3.3 IE - 403 - CLASSROOM - D

A827 SCALE: 1/4" = 1'-0"



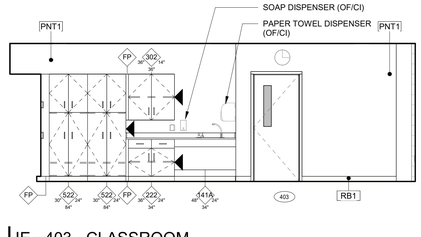
1.4 IE - 401 - CLASSROOM

A827 SCALE: 1/4" = 1'-0"



2.4 IE - 402 - CLASSROOM

A827 SCALE: 1/4" = 1'-0"



3.4 IE - 403 - CLASSROOM

A827 SCALE: 1/4" = 1'-0"

0' 2' 4' 8' 12'

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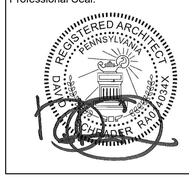

Owner:
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782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:

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725 West Market Street
West Chester, PA 19382

ISSUED FOR:

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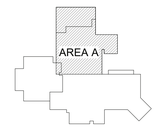
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

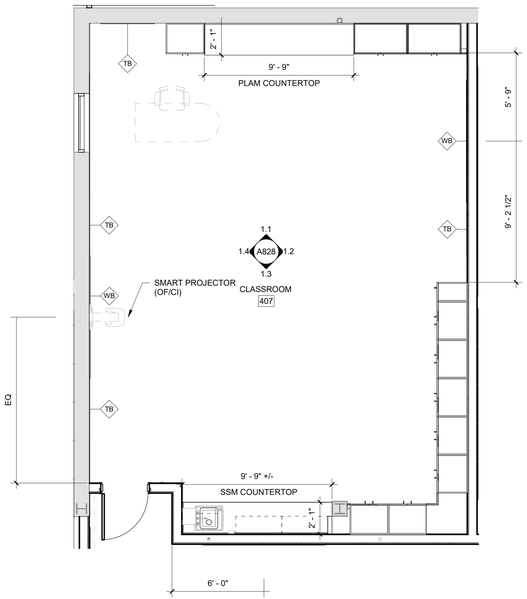


Drawing Title:

ENLARGED AREA A
PLANS & ELEVATIONS

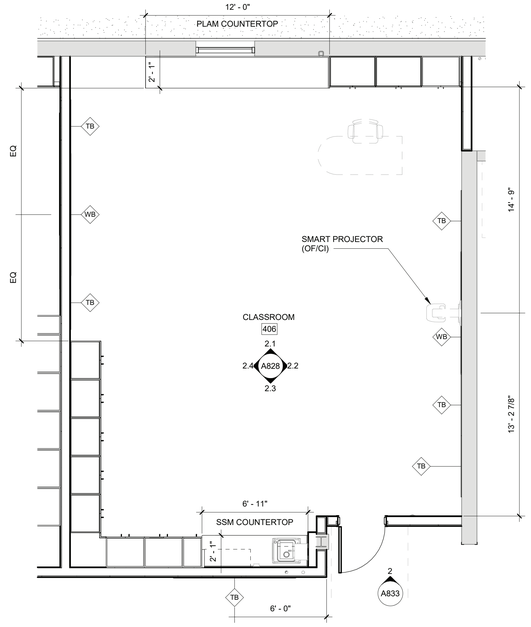
Drawing Number:

A827



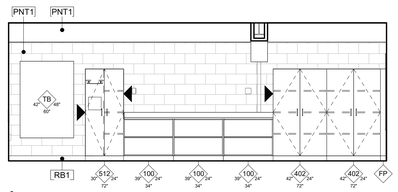
1 ENLARGED CLASSROOM PLAN

A828 SCALE: 1/4" = 1'-0"



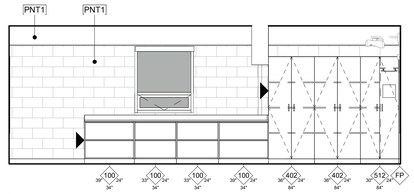
2 ENLARGED CLASSROOM PLAN

A828 SCALE: 1/4" = 1'-0"



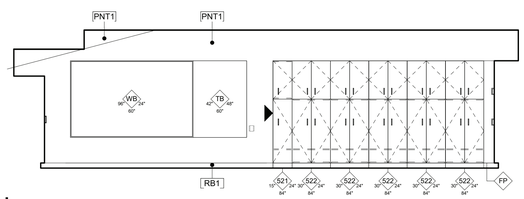
1.1 IE - 407 - CLASSROOM

A828 SCALE: 1/4" = 1'-0"



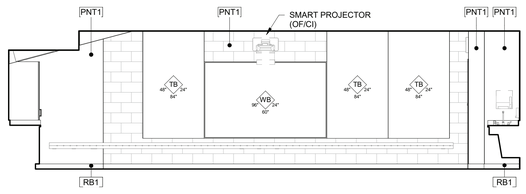
2.1 IE - 406 - CLASSROOM

A828 SCALE: 1/4" = 1'-0"



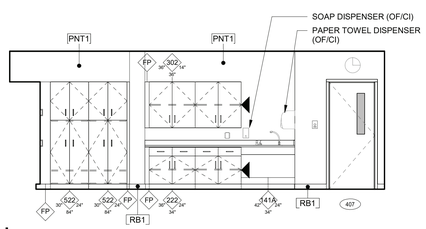
1.2 IE - 407 - CLASSROOM

A828 SCALE: 1/4" = 1'-0"



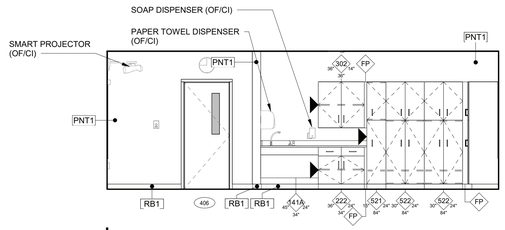
2.2 IE - 406 - CLASSROOM

A828 SCALE: 1/4" = 1'-0"



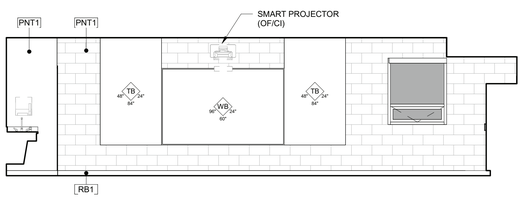
1.3 IE - 407 - CLASSROOM

A828 SCALE: 1/4" = 1'-0"



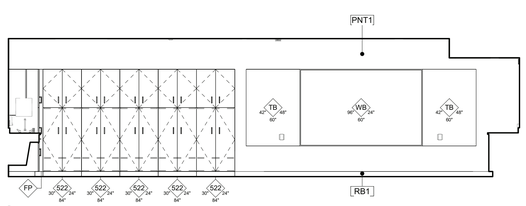
2.3 IE - 406 - CLASSROOM

A828 SCALE: 1/4" = 1'-0"



1.4 IE - 407 - CLASSROOM

A828 SCALE: 1/4" = 1'-0"



2.4 IE - 406 - CLASSROOM

A828 SCALE: 1/4" = 1'-0"

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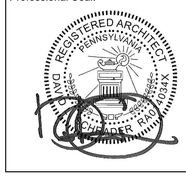

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SGA PROJECT NUMBER: 23-029

Key Plan:

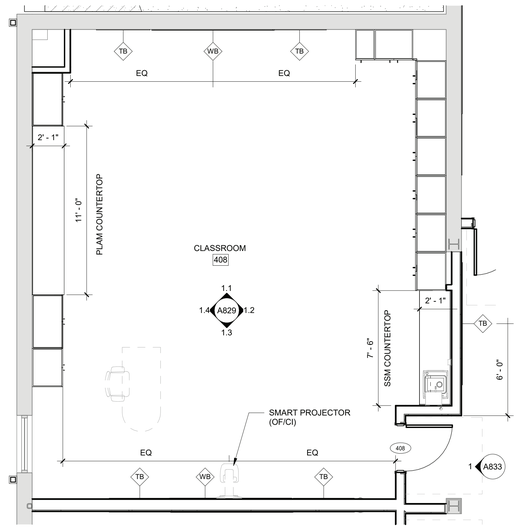
Drawing Title:

ENLARGED AREA A
PLANS & ELEVATIONS

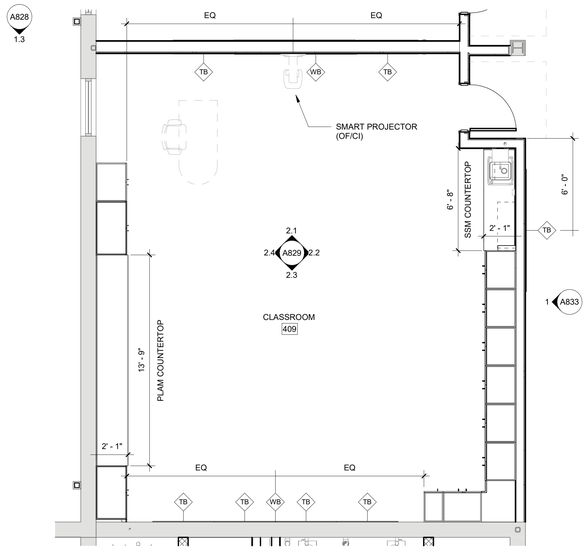
Drawing Number:

A828

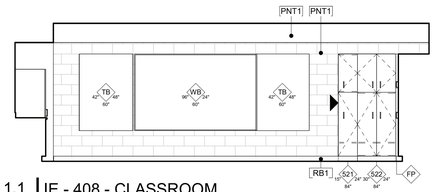
0' 2' 4' 8' 12'



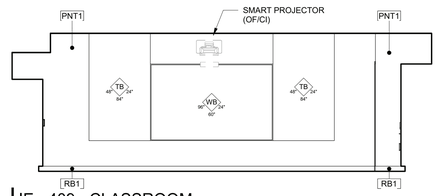
1 | 06 - TOP POD - 408 - GR-5 CLRM
A829 | SCALE: 1/4" = 1'-0"



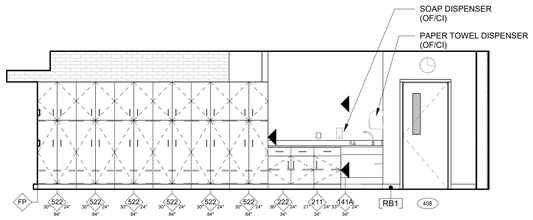
2 | 06 - TOP POD - 409 - GR-5 CLRM
A829 | SCALE: 1/4" = 1'-0"



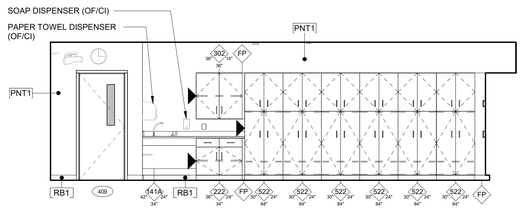
1.1 | IE - 408 - CLASSROOM
A829 | SCALE: 1/4" = 1'-0"



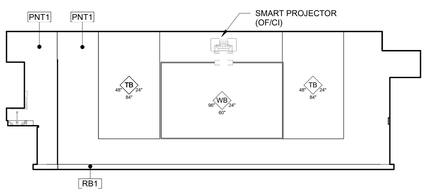
2.1 | IE - 409 - CLASSROOM
A829 | SCALE: 1/4" = 1'-0"



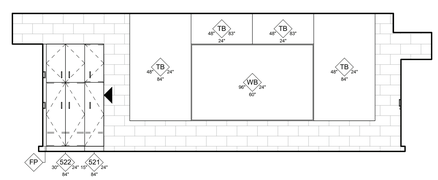
1.2 | IE - 408 - CLASSROOM
A829 | SCALE: 1/4" = 1'-0"



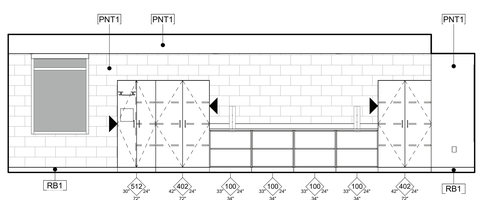
2.2 | IE - 409 - CLASSROOM
A829 | SCALE: 1/4" = 1'-0"



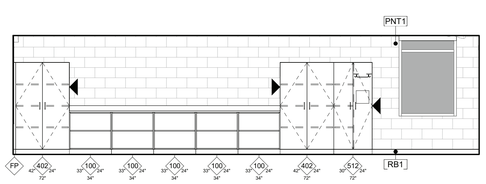
1.3 | IE - 408 - CLASSROOM
A829 | SCALE: 1/4" = 1'-0"



2.3 | IE - 409 - CLASSROOM
A829 | SCALE: 1/4" = 1'-0"



1.4 | IE - 408 - CLASSROOM
A829 | SCALE: 1/4" = 1'-0"



2.4 | IE - 409 - CLASSROOM
A829 | SCALE: 1/4" = 1'-0"

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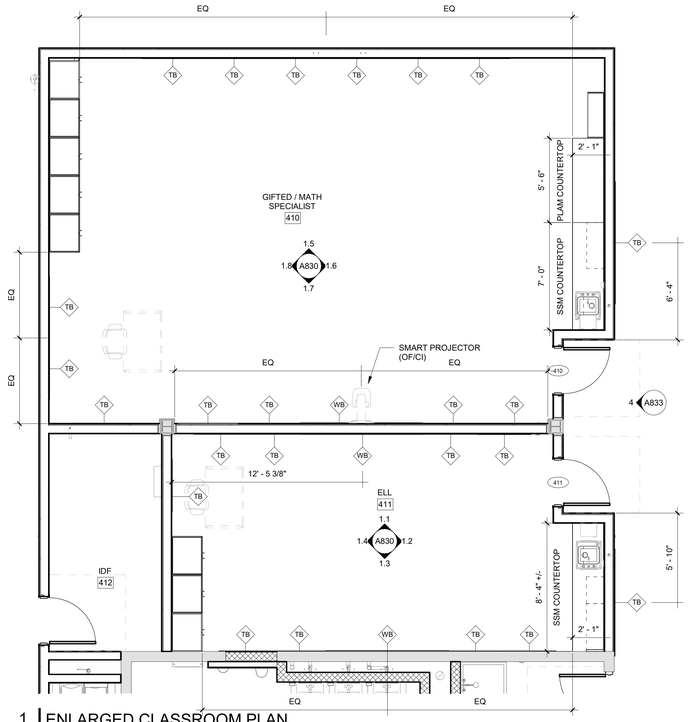
ENLARGED AREA A
PLANS & ELEVATIONS

Drawing Number:

A829

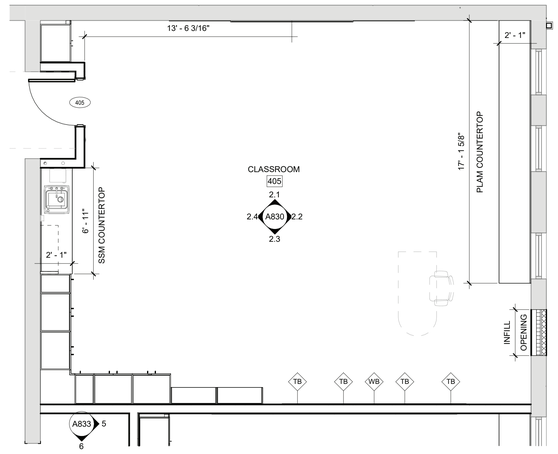
True Project

0' 2' 4' 8' 12'



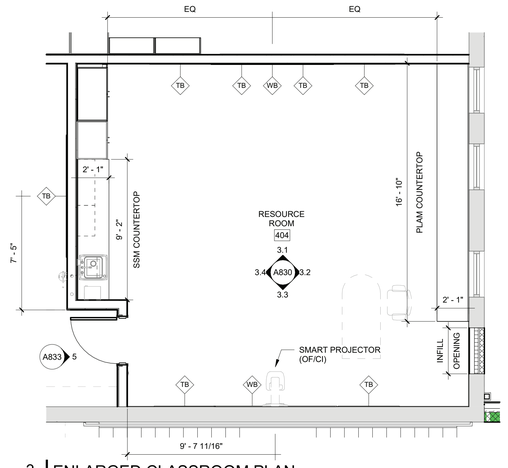
1 ENLARGED CLASSROOM PLAN

A830 SCALE: 1/4" = 1'-0"



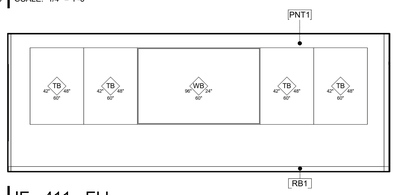
2 ENLARGED CLASSROOM PLAN

A830 SCALE: 1/4" = 1'-0"



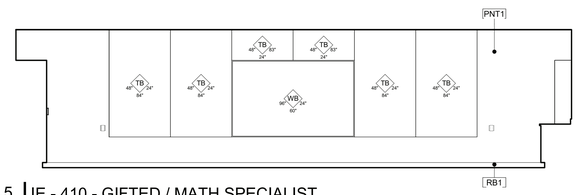
3 ENLARGED CLASSROOM PLAN

A830 SCALE: 1/4" = 1'-0"



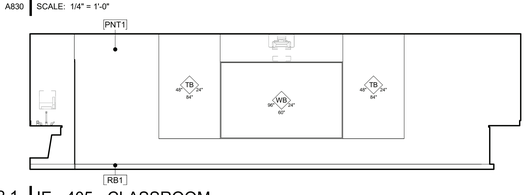
1.1 IE - 411 - ELL

A830 SCALE: 1/4" = 1'-0"



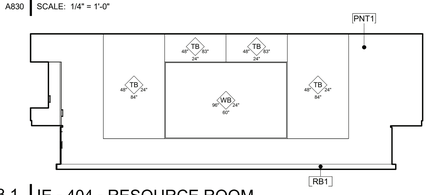
1.5 IE - 410 - GIFTED / MATH SPECIALIST

A830 SCALE: 1/4" = 1'-0"



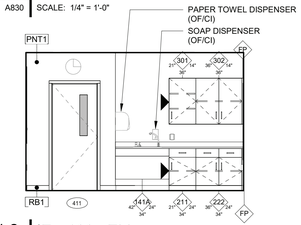
2.1 IE - 405 - CLASSROOM

A830 SCALE: 1/4" = 1'-0"



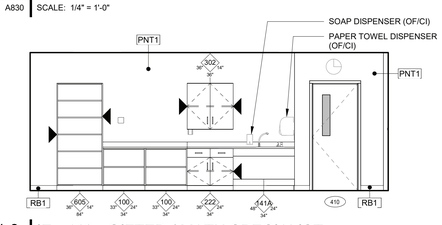
3.1 IE - 404 - RESOURCE ROOM

A830 SCALE: 1/4" = 1'-0"



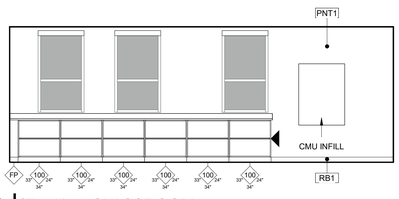
1.2 IE - 411 - ELL

A830 SCALE: 1/4" = 1'-0"



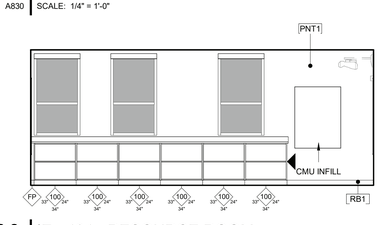
1.6 IE - 410 - GIFTED / MATH SPECIALIST

A830 SCALE: 1/4" = 1'-0"



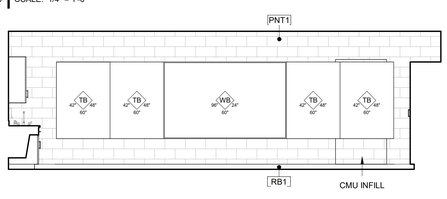
2.2 IE - 405 - CLASSROOM

A830 SCALE: 1/4" = 1'-0"



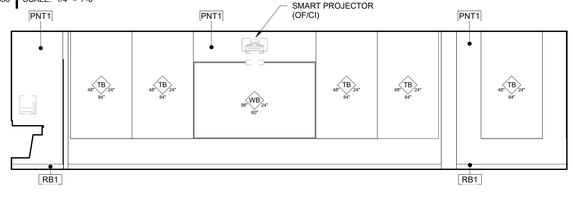
3.2 IE - 404 - RESOURCE ROOM

A830 SCALE: 1/4" = 1'-0"



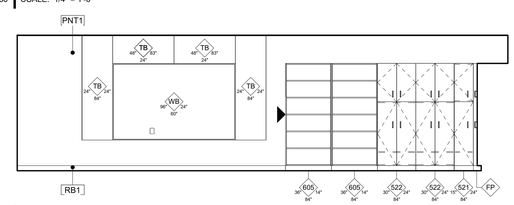
1.3 IE - 411 - ELL

A830 SCALE: 1/4" = 1'-0"



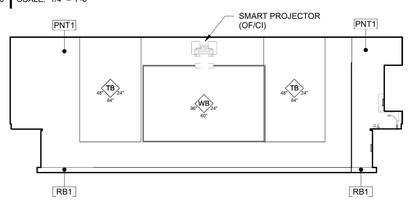
1.7 IE - 410 - GIFTED / MATH SPECIALIST

A830 SCALE: 1/4" = 1'-0"



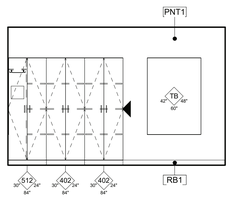
2.3 IE - 405 - CLASSROOM

A830 SCALE: 1/4" = 1'-0"



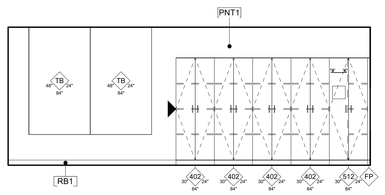
3.3 IE - 404 - RESOURCE ROOM

A830 SCALE: 1/4" = 1'-0"



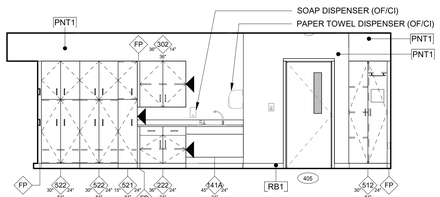
1.4 IE - 411 - ELL

A830 SCALE: 1/4" = 1'-0"



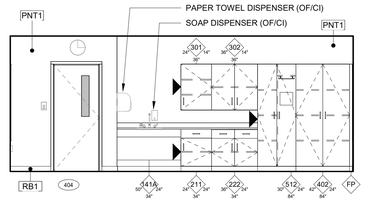
1.8 IE - 410 - GIFTED / MATH SPECIALIST

A830 SCALE: 1/4" = 1'-0"



2.4 IE - 405 - CLASSROOM

A830 SCALE: 1/4" = 1'-0"



3.4 IE - 404 - RESOURCE ROOM

A830 SCALE: 1/4" = 1'-0"

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
Conshohocken, PA 19428
p: 215 482 7440
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Consultants:

Civil:

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MEP:

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Structural Engineer

SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
(717) 299-8965

Professional Seal:

Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

ISSUED FOR:

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	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

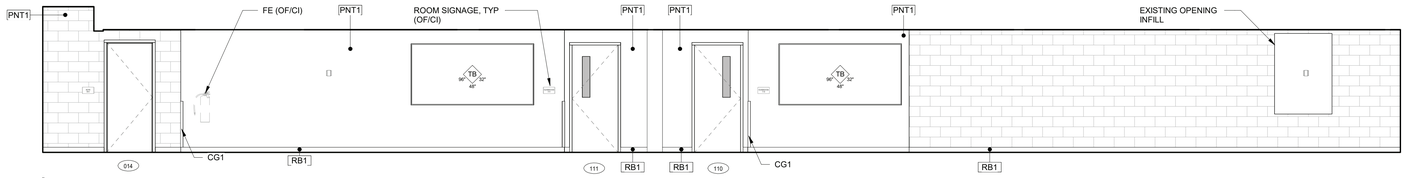
Drawing Title:

ENLARGED AREA A
PLANS & ELEVATIONS

Drawing Number:

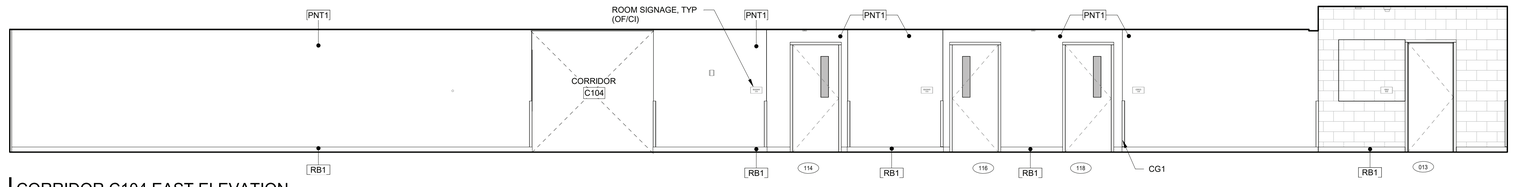
A830

0' 4' 8' 12'



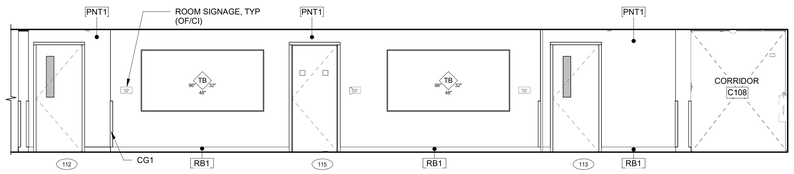
4 CORRIDOR C104 WEST ELEVATION

A831 SCALE: 1/4" = 1'-0"



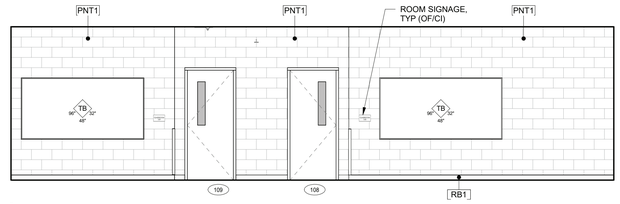
5 CORRIDOR C104 EAST ELEVATION

A831 SCALE: 1/4" = 1'-0"



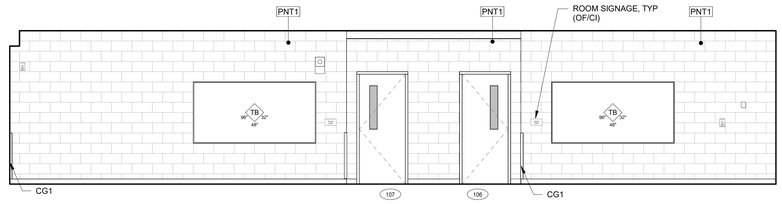
3 CORRIDOR C105 NORTH ELEVATION

A831 SCALE: 1/4" = 1'-0"



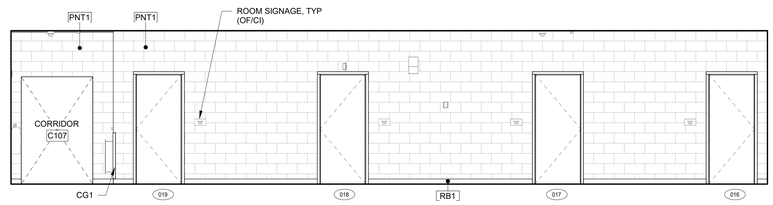
6 CORRIDOR C106 WEST ELEVATION

A831 SCALE: 1/4" = 1'-0"



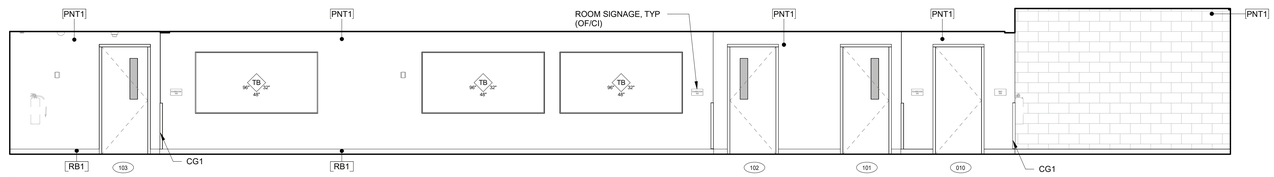
7 CORRIDOR C107 NORTH ELEVATION

A831 SCALE: 1/4" = 1'-0"



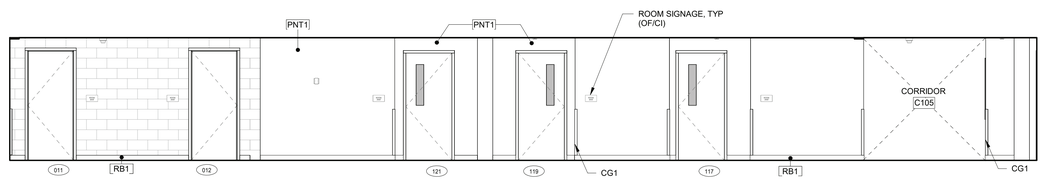
8 CORRIDOR C107 SOUTH ELEVATION

A831 SCALE: 1/4" = 1'-0"



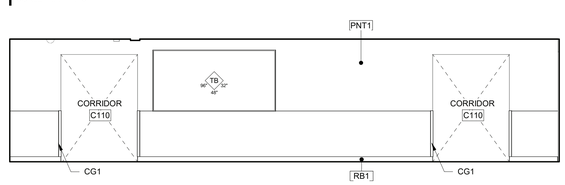
1 CORRIDOR C109 EAST ELEVATION

A831 SCALE: 1/4" = 1'-0"



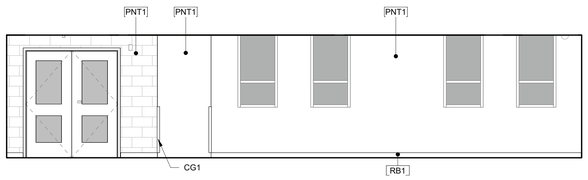
2 CORRIDOR C109 WEST ELEVATION

A831 SCALE: 1/4" = 1'-0"



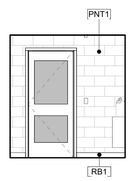
9 CORRIDOR C110 EAST ELEVATION

A831 SCALE: 1/4" = 1'-0"



10 CORRIDOR C110 NORTH ELEVATION

A831 SCALE: 1/4" = 1'-0"



11 CORRIDOR C110 SOUTH ELEVATION

A831 SCALE: 1/4" = 1'-0"

0' 2' 4' 8' 12'

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
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Structural Engineer

SCHRADERGROUP
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Lancaster, PA 17602
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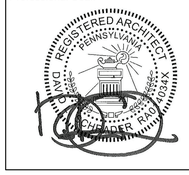
Professional Seal:



Owner:
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782 Springdale Drive, Exton, PA 19341

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West Chester, PA 19382

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	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

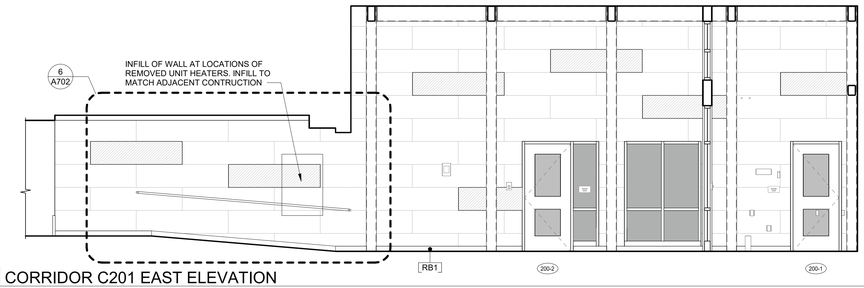
Key Plan:

Drawing Title:

CORRIDOR ELEVATIONS AREA A

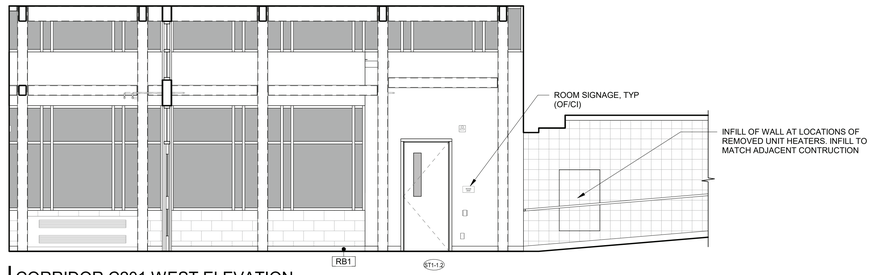
Drawing Number:

A831



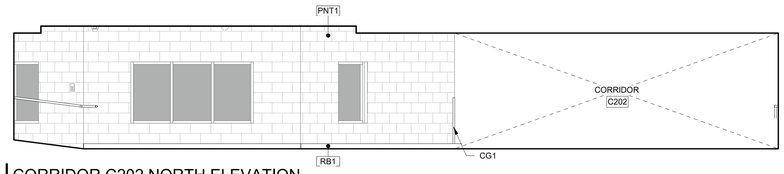
1 CORRIDOR C201 EAST ELEVATION

A832 SCALE: 1/4" = 1'-0"



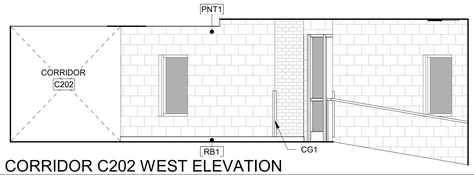
2 CORRIDOR C201 WEST ELEVATION

A832 SCALE: 1/4" = 1'-0"



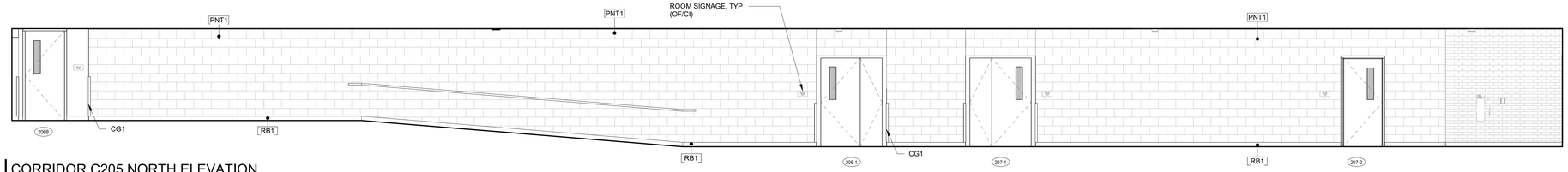
4 CORRIDOR C202 NORTH ELEVATION

A832 SCALE: 1/4" = 1'-0"



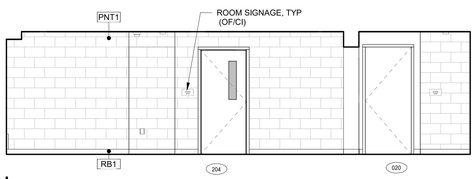
3 CORRIDOR C202 WEST ELEVATION

A832 SCALE: 1/4" = 1'-0"



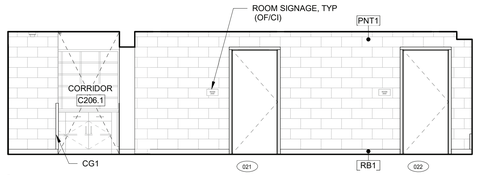
5 CORRIDOR C205 NORTH ELEVATION

A832 SCALE: 1/4" = 1'-0"



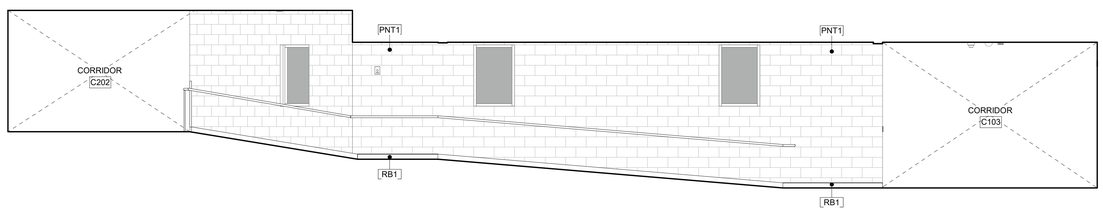
6 CORRIDOR C206 EAST ELEVATION

A832 SCALE: 1/4" = 1'-0"



7 CORRIDOR C206 WEST ELEVATION

A832 SCALE: 1/4" = 1'-0"



8 CORRIDOR C101 WEST ELEVATION

A832 SCALE: 1/4" = 1'-0"

0' 2' 4' 8' 12'

SCHRADERGROUP
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Structural Engineer
SCHRADERGROUP
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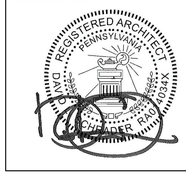
Lancaster, PA 17602
(717) 299-8965

Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
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West Chester, PA 19382

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	GC REBID	12/03/2024

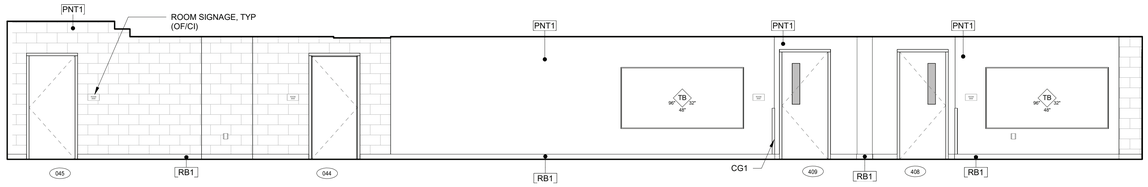
DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

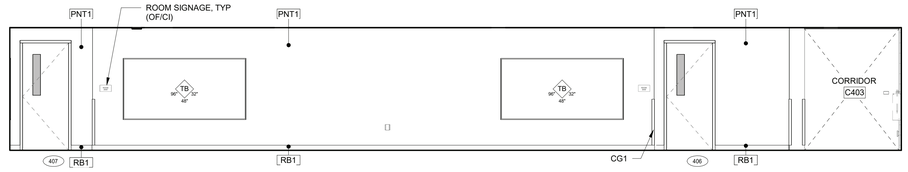
Drawing Title:
CORRIDOR ELEVATIONS
GYM & ADMIN

Drawing Number:
A832



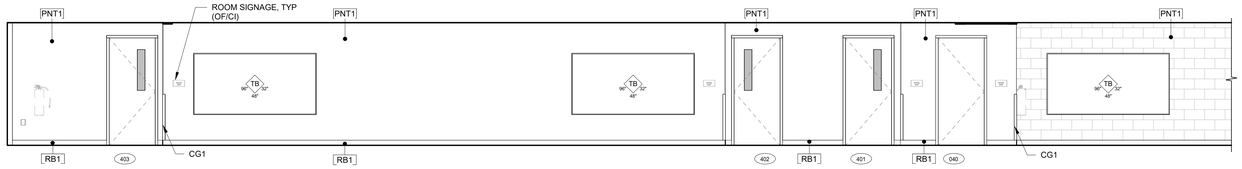
1 CORRIDOR C402 WEST ELEVATION

A833 SCALE: 1/4" = 1'-0"



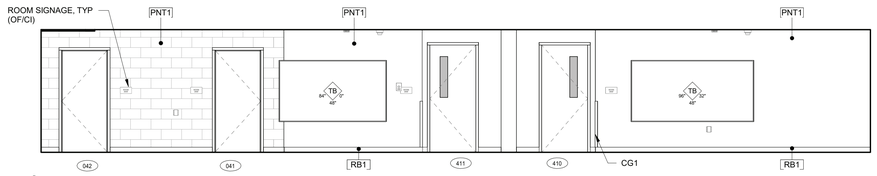
2 CORRIDOR C403 NORTH ELEVATION

A833 SCALE: 1/4" = 1'-0"



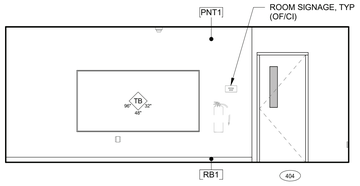
3 CORRIDOR C404 EAST ELEVATION

A833 SCALE: 1/4" = 1'-0"



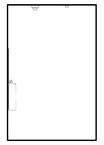
4 CORRIDOR C404 WEST ELEVATION

A833 SCALE: 1/4" = 1'-0"



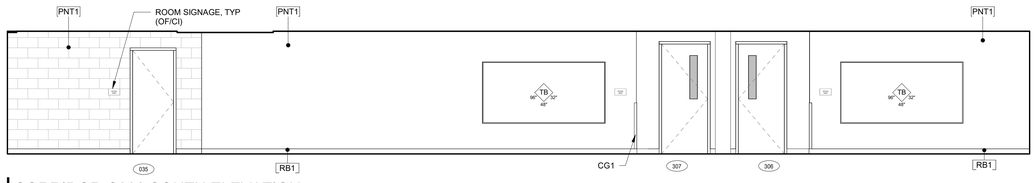
5 CORRIDOR C407 EAST ELEVATION

A833 SCALE: 1/4" = 1'-0"



6 CORRIDOR C407 SOUTH ELEVATION

A833 SCALE: 1/4" = 1'-0"

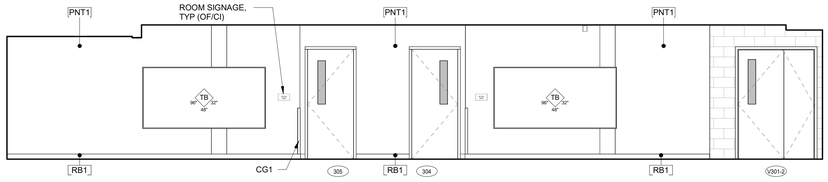


7 CORRIDOR C302 SOUTH ELEVATION

A833 SCALE: 1/4" = 1'-0"

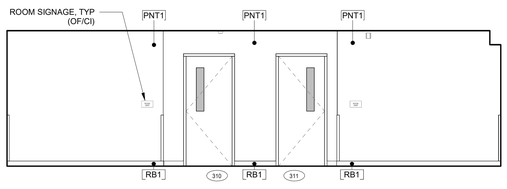
8 CORRIDOR C302 NORTH ELEVATION

A833 SCALE: 1/4" = 1'-0"



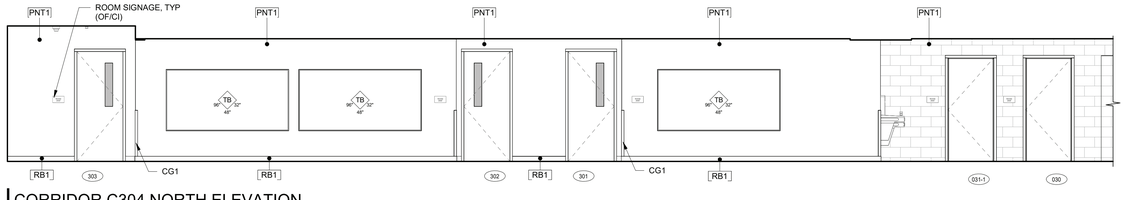
9 CORRIDOR C303 WEST ELEVATION

A833 SCALE: 1/4" = 1'-0"



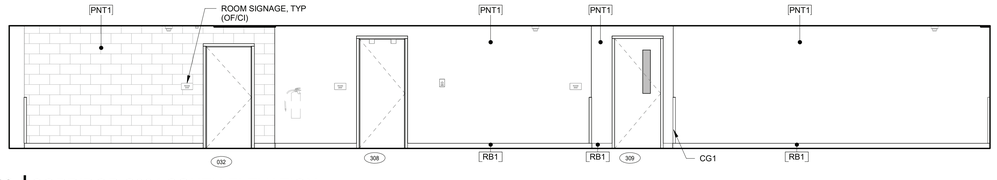
10 CORRIDOR C303 EAST ELEVATION

A833 SCALE: 1/4" = 1'-0"



11 CORRIDOR C304 NORTH ELEVATION

A833 SCALE: 1/4" = 1'-0"



12 CORRIDOR C304 SOUTH ELEVATION

A833 SCALE: 1/4" = 1'-0"

0' 4' 8' 12'

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
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Structural Engineer

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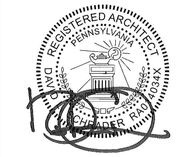
Professional Seal:



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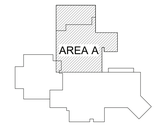
Key Plan:



Drawing Title:

CORRIDOR ELEVATIONS AREA A AND AREA B

Drawing Number:

A833

CASEWORK SCHEDULE

100

PLAM OPEN BASE CABINET WITH ADJUSTABLE SHELF

NO ADJUSTABLE SHELF FOR 1' - 6" UNITS

(2) ADJUSTABLE SHELVES FOR 3' - 0" UNITS

(3) ADJUSTABLE SHELVES FOR 5' - 0" UNITS

Model	Height	Width	Depth
100	2' - 8 7/8"	3' - 0"	1' - 11"
100	2' - 8 7/8"	3' - 0"	2' - 0"
100	2' - 10"	2' - 6"	2' - 0"
100	2' - 10"	2' - 9"	2' - 0"
100	2' - 10"	3' - 3"	2' - 0"

101

PLAM BASE CABINET WITH SINGLE DOOR W/ ADJUSTABLE SHELF

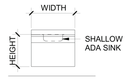
Model	Height	Width	Depth
101	2' - 10"	1' - 9"	2' - 0"
101	2' - 10"	2' - 0"	2' - 0"

112M

PLAM BASE CABINET WITH TWO PULL-OUT TRASH BINS

Model	Height	Width	Depth
112M	2' - 10"	1' - 6"	2' - 0"

141A



PLAM ADA SINK BASE

Model	Height	Width	Depth
141A	2' - 10"	2' - 9"	2' - 0"
141A	2' - 10"	2' - 10"	2' - 0"
141A	2' - 10"	2' - 11"	2' - 0"
141A	2' - 10"	2' - 11 3/4"	2' - 0"
141A	2' - 10"	3' - 0"	2' - 0"
141A	2' - 10"	3' - 1"	2' - 0"

Model	Height	Width	Depth
141A	2' - 10"	3' - 2"	2' - 0"
141A	2' - 10"	3' - 3"	2' - 0"
141A	2' - 10"	3' - 4"	2' - 0"
141A	2' - 10"	3' - 6"	2' - 0"
141A	2' - 10"	3' - 9"	2' - 0"
141A	2' - 10"	4' - 0"	2' - 0"

211

PLAM BASE CABINET WITH SINGLE DRAWER & DOOR W/ ADJUSTABLE SHELF

Model	Height	Width	Depth
211	2' - 6"	2' - 0"	2' - 0"
211	2' - 10"	1' - 3"	2' - 0"
211	2' - 10"	1' - 6"	2' - 0"
211	2' - 10"	1' - 9"	2' - 0"
211	2' - 10"	2' - 0"	2' - 0"

212

PLAM BASE CABINET WITH SINGLE DRAWER & DOUBLE DOORS W/ ADJUSTABLE SHELF

Model	Height	Width	Depth
212	2' - 10"	2' - 6"	2' - 0"

222

PLAM BASE CABINET WITH DOUBLE DRAWER & DOUBLE DOORS W/ ADJUSTABLE SHELF

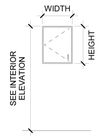
Model	Height	Width	Depth
222	2' - 6"	2' - 9"	2' - 0"
222	2' - 6"	3' - 0"	2' - 0"
222	2' - 10"	2' - 6"	1' - 6"
222	2' - 10"	2' - 6"	2' - 0"
222	2' - 10"	2' - 9"	2' - 0"
222	2' - 10"	3' - 0"	2' - 0"
222	2' - 10"	3' - 6"	2' - 0"

230

PLAM FILE CABINET WITH TWO UPPER DRAWERS

Model	Height	Width	Depth
230	2' - 6"	1' - 6"	2' - 0"

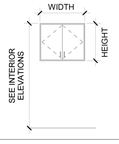
301



PLAM UPPER CABINET WITH SINGLE DOOR AND ADJUSTABLE SHELVES

Model	Height	Width	Depth
301	2' - 6"	1' - 6"	1' - 2"
301	2' - 6"	1' - 9"	1' - 2"
301	2' - 6"	2' - 0"	1' - 2"
301	3' - 0"	1' - 9"	1' - 2"
301	3' - 0"	2' - 0"	1' - 2"

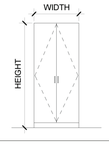
302



PLAM UPPER CABINET WITH DOUBLE DOORS AND ADJUSTABLE SHELVES

Model	Height	Width	Depth
302	2' - 1"	2' - 9"	1' - 2"
302	2' - 6"	2' - 6"	1' - 2"
302	2' - 6"	2' - 9"	1' - 2"
302	2' - 6"	3' - 0"	1' - 2"
302	3' - 0"	2' - 6"	1' - 2"
302	3' - 0"	3' - 0"	1' - 2"

402

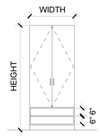


PLAM TALL CABINET WITH DOUBLE DOORS AND ADJUSTABLE SHELVE.

Model	Height	Width	Depth
402	6' - 0"	3' - 6"	2' - 0"
402	7' - 0"	2' - 6"	2' - 0"
402	7' - 0"	3' - 0"	2' - 0"
402	7' - 0"	3' - 6"	2' - 0"

CASEWORK SCHEDULE

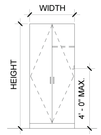
402M



PLAM TALL CABINET WITH CENTER DIVIDER, DOUBLE DOORS AND (4) IRONING BOARD STORAGE HOOKS;
SHELF ABOVE HOOKS.

Model	Height	Width	Depth
402M	7' - 0"	4' - 0"	2' - 0"

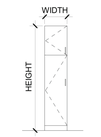
512



CLASSROOM CABINET - PLAM TALL CABINET WITH DOUBLE DOORS ADJUSTABLE SHELVES ON ONE HALF, OTHER HALF W/ COAT HOOK, MIRROR, AND ONE ADJUSTABLE SHELF.

Model	Height	Width	Depth
512	6' - 0"	2' - 6"	2' - 0"
512	6' - 0"	3' - 0"	2' - 0"
512	7' - 0"	2' - 6"	2' - 0"
512	7' - 0"	3' - 0"	2' - 0"

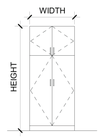
521



PLAM TALL CUBBY CABINET WITH TOP AND BOTTOM SINGLE DOORS

Model	Height	Width	Depth
521	7' - 0"	1' - 3"	2' - 0"

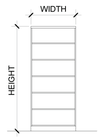
522



PLAM TALL CUBBY CABINET WITH TOP AND BOTTOM DOUBLE DOORS

Model	Height	Width	Depth
522	7' - 0"	2' - 6"	2' - 0"

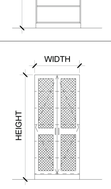
605



PLAM TALL CABINET WITH OPEN ADJUSTABLE SHELVES

Model	Height	Width	Depth
605	6' - 0"	2' - 3"	1' - 0"
605	7' - 0"	2' - 0"	1' - 2"
605	7' - 0"	2' - 9"	1' - 2"
605	7' - 0"	3' - 0"	1' - 2"
605	7' - 0"	4' - 0"	1' - 2"

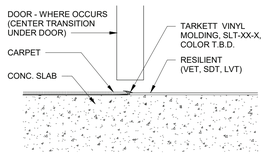
780



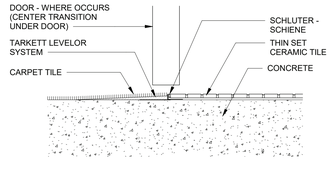
VENTED DRY STORAGE METAL CABINET

Model	Height	Width	Depth
780	7' - 0"	4' - 0"	2' - 0"

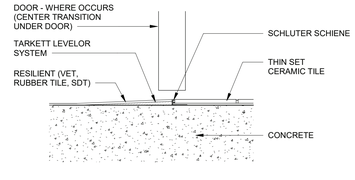
EP		PLAM END PANEL TO MATCH CASEWORK	
FP		PLAM FILLER TO MATCH CASEWORK	



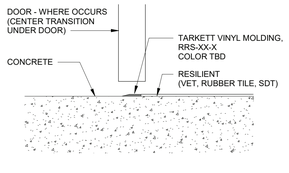
CARPET TILE TO RESILIENT



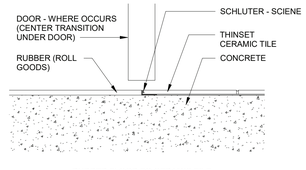
CARPET TILE TO CERAMIC TILE



RESILIENT TO CERAMIC TILE



CONCRETE TO RESILIENT



RUBBER FLOOR TO CERAMIC TILE

1 FLOOR TRANSITIONS
A841 SCALE: 3" = 1'-0"

GENERAL CASEWORK NOTES

1. ALL CASEWORK / MILLWORK BY GENERAL CONTRACTOR.
2. GENERAL CONTRACTOR SHALL CLOSELY COORDINATE ALL TRADES INTERACTING WITH THE CASEWORK / MILLWORK SUBCONTRACTOR.
3. GENERAL CONTRACTOR SHALL COORDINATE WITH MILLWORK SUBCONTRACTOR ON THE REQUIRED SIZES, LOCATIONS AND EXTENT OF THESE ELEMENTS. CASEWORK / MILLWORK ATTACHED TO THE PREMISES SHALL COMPLY WITH ALL THE APPLICABLE CODES AND REQUIREMENTS OF THE LOCAL TOWNSHIP.
4. CONTRACTOR TO REVIEW ALL MECHANICAL, PLUMBING, ELECTRICAL, AND A/V DRAWINGS TO COORDINATE LOCATION OF ALL SERVICES THAT MAY BE ROUTED THROUGH AND AROUND CASEWORK.
5. GENERAL CONTRACTOR TO PROVIDE CUT-OUTS FOR PLUMBING WORK, ELECTRICAL, TELEPHONE AND DATE OUTLETS WHERE THEY OCCUR ON OR BEHIND CASEWORK / MILLWORK AND THEY SHALL PROVIDE GROMMETS IN COUNTERTOPS AS LOCATED IN THE FIELD BY OWNER/ ARCHITECT. GROMMETS SHALL BE 3" IN DIAMETER.
6. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
7. ALL CASEWORK / MILLWORK WORK TO BE SECURELY FASTENED THROUGH CONSTRUCTION, SUPPLY AS REQUIRED. THE CASEWORK / MILLWORK SUBCONTRACTOR(S) SHALL SCRIBE AND CLEAT ALL CASEWORK / MILLWORK AND ALL REQUIRED BLOCKING.
8. ALL BASE CASEWORK WITH HEIGHT OF 2'-10" SHALL HAVE ACTUAL DIMENSIONS TO ENSURE HEIGHT OF SINK DOES NOT EXCEED 34" AFF. THIS APPLIES TO ALL BASE CASEWORK WITH AND WITHOUT SINKS IN ORDER TO KEEP HEIGHTS UNIFORM.
9. ALL MATERIALS MUST BE NEW AND OF FIRST-CLASS QUALITY.
10. WHERE MEMBERS ARE MITERED OR BUTTED, THEY SHALL BE JOINED AT JOINTS INDICATED ON SHOP DRAWINGS AND SECURED IN A MANNER TO INSURE AGAINST JOINT OPENING. JOINTS REQUIRED AT COUNTERS AT WET LOCATIONS SHALL BE LOCATED 24-INCHES (MIN) FROM SINK CUT-OUTS.
11. ALL FINISHED WORK SHALL, AS FAR AS PRACTICAL, BE ASSEMBLED AND FINISHED IN SHOP AND DELIVERED TO THE BUILDING READY TO ERECT. WORK SHALL BE INSTALLED STRAIGHT, PLUMB, LEVEL AND IN TRUE ALIGNMENT, NEATLY FITTED AND SCRIBED AND THOROUGHLY SECURED. CASEWORK / MILLWORK SUBCONTRACTOR TO FURNISH AND INSTALL FILLER AS NEEDED. ALL REQUIRED FIELD TOUCH-UP IS TO BE PERFORMED BY THE CASEWORK / MILLWORK SUBCONTRACTOR.
12. THE ARCHITECTURAL WOODWORK INSTITUTE QUALITY STANDARDS AND GUIDE SPECIFICATIONS ARE TO BE CONSIDERED AS PART OF THESE DOCUMENTS AND APPLY UNLESS ALTERED IN PROJECT SPECIFICATIONS AND OR DRAWINGS. MILLWORK SHALL BE FREE FROM ALL MACHINE AND TOOL MARKING, ABRASIONS, RAISED GRAIN AND OTHER DEFECTS OR SURFACES EXPOSED TO VIEW. EXPOSED WOOD SURFACES SHALL BE UNIFORM IN COLOR AND GRAIN. END GRAINS OF WOOD SHALL NOT BE EXPOSED.
13. ALL FINISHED MILLWORK SHALL BE ARCHITECTURAL WOODWORK INSTITUTE'S PREMIUM GRADE, TR-5 FINISHED SYSTEM FOR WOOD PIECES AND ALL PLASTIC LAMINATE SHALL BE ARCHITECTURAL WOODWORK INSTITUTE'S CUSTOM GRADE SYSTEM.
14. ALL END PANELS TO HAVE PLAM FINISH, UNLESS NOTED OTHERWISE.
15. GENERAL CONTRACTOR TO PROVIDE CASEWORK FILLER PANELS (FP) TO MATCH CASEWORK FINISH WHERE NECESSARY TO COMPLETE A LINE OF CASEWORK. FILLER PANELS TO MATCH PLAM OF ADJACENT CASEWORK / MILLWORK.
16. PROVIDE STOP CHAIN AT ALL CABINET DOORS THAT OPEN ADJACENT TO A WALL.
17. FOR EXACT ELEVATION OF DOORS AND WINDOWS, REFER TO DOOR AND WINDOW ELEVATION DRAWINGS.

▶ CASEWORK FINISH END

▷ CASEWORK FINISH END PANEL

SCHRADERGROUP
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Philadelphia, PA 19103
(215) 282-7850

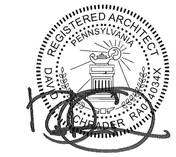
MEP:

Snyder Hoffman Associates
1005 West Lehigh Street
Bethlehem, PA 18018
(610) 694-8020

Structural Engineer

SCHRADERGROUP
153 East King Street, Suite 211-212
Lancaster, PA 17602
(717) 299-8965

Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

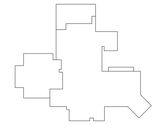
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

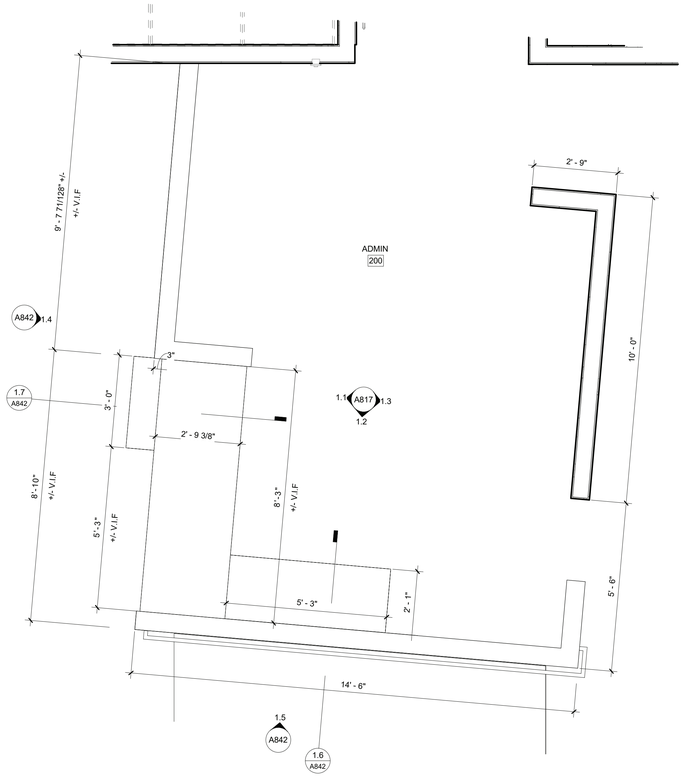


Drawing Title:

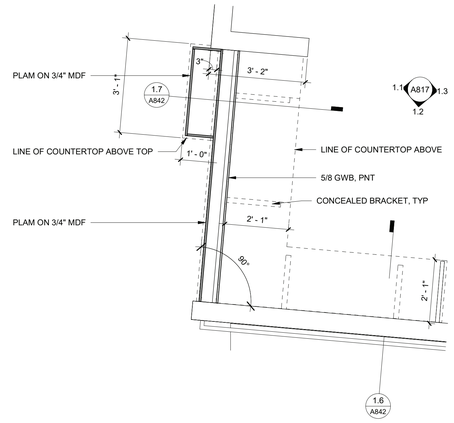
CASEWORK LEGEND & FLOOR TRANSITIONS

Drawing Number:

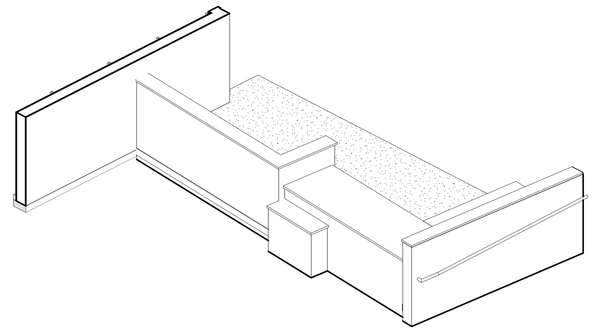
A841



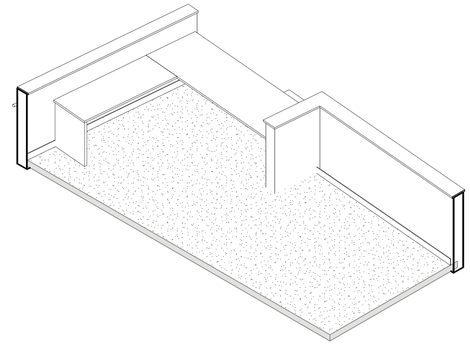
1 DTL - ADMIN DESK PLAN
A842 SCALE: 1/2" = 1'-0"



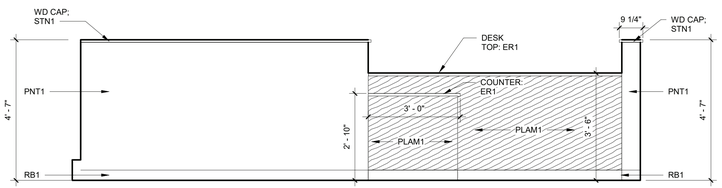
2 DTL - ADMIN DESK PLAN PLAN VIEW
A842 SCALE: 1/2" = 1'-0"



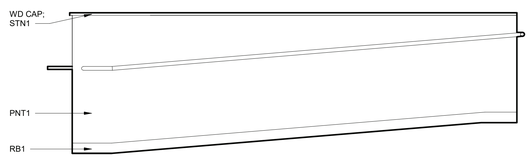
3 ADMIN DESK AXON FRONT
A842 SCALE:



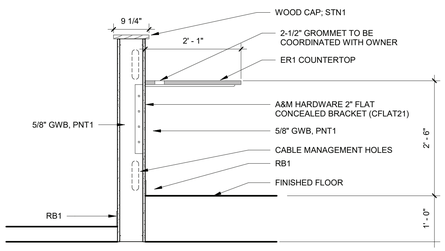
4 ADMIN DESK AXON BACK
A842 SCALE:



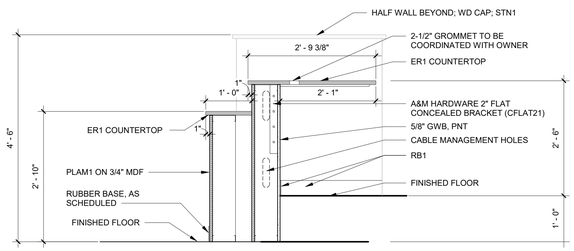
1.4 ELEVATION - ADMIN DESK
A842 SCALE: 1/2" = 1'-0"



1.5 ELEVATION - ADMIN DESK
A842 SCALE: 1/2" = 1'-0"



1.6 DTL - ADMIN DESK SECTION
A842 SCALE: 3/4" = 1'-0"



1.7 DTL - ADMIN DESK ADA SECTION
A842 SCALE: 3/4" = 1'-0"

True Project

6" 2"
0" 1" 4"

SCHRADERGROUP
555 E North Lane, Suite 5100, Building D,
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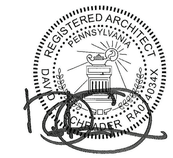

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SGA PROJECT NUMBER: 23-029

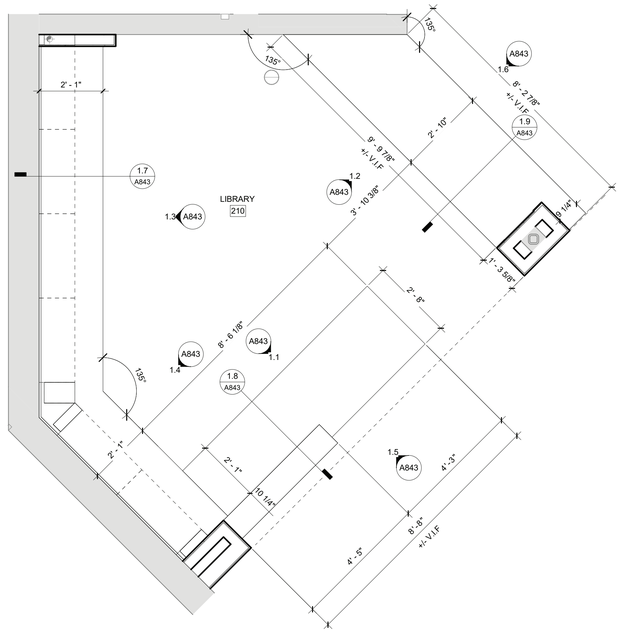
Key Plan:

Drawing Title:

CASEWORK DETAILS

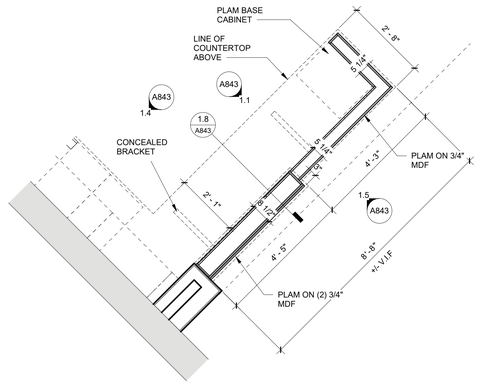
Drawing Number:

A842



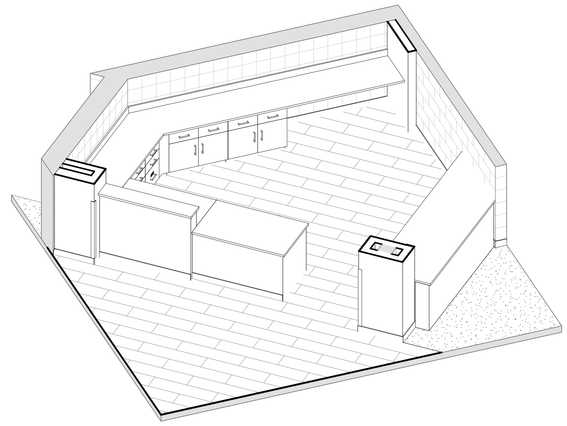
1 ENLARGED CIRCULATION DESK

A843 SCALE: 1/2" = 1'-0"



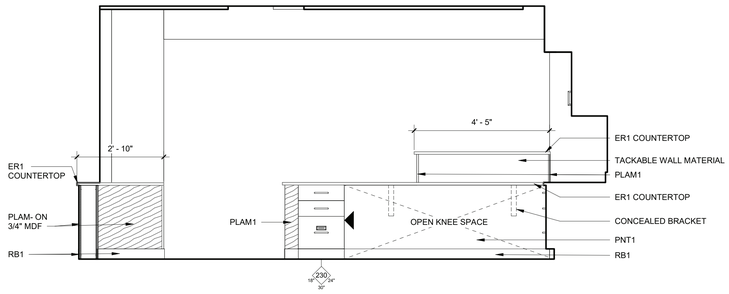
3 ENLARGED CIRCULATION DESK PLAN VIEW

A843 SCALE: 1/2" = 1'-0"



2 LIBRARY DESK AXON

A843 SCALE:



1.1 IE - CIRCULATION DESK

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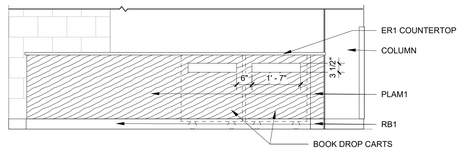

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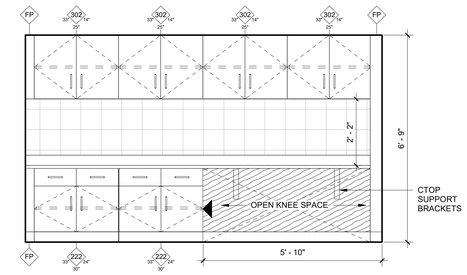

1.3 IE- CIRCULATION DESK ELEVATION

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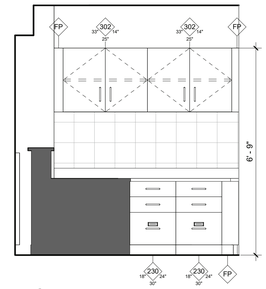

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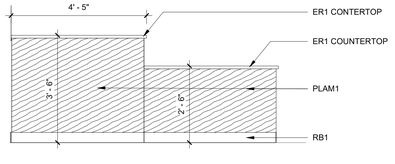

1.5 DTL - CIRCULATION DESK

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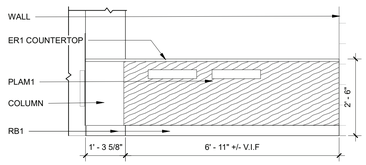

1.6 DTL - CIRCULATION DESK

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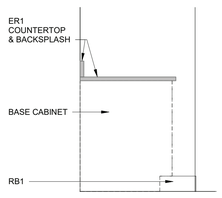

1.7 DTL - CIRCULATION DESK

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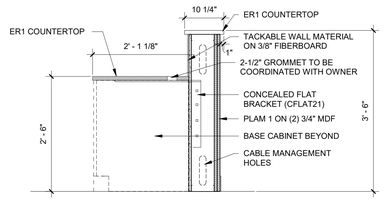

1.8 DTL - CIRCULATION DESK

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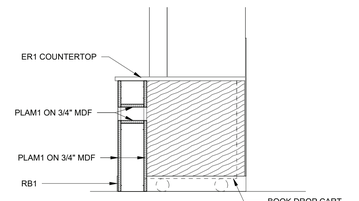

1.9 DTL - CIRCULATION DESK

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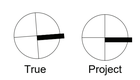

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1700 Market Street, Suite 3110
Philadelphia, PA 19103
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MEP:

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Bethlehem, PA 18018
(610) 694-8020

Structural Engineer

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153 East King Street, Suite 211-212
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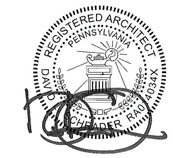
Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:

HILLSDALE ELEMENTARY SCHOOL

725 West Market Street
West Chester, PA 19382

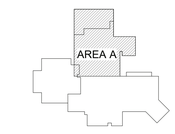
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:



Drawing Title:

CASEWORK DETAILS

Drawing Number:

A843

ROOM FINISH SCHEDULE

ROOM #	Name	FLOOR FINISH	BASE TYPE	WALL FINISH	WINDOW SILL FINISH	CEILING		CASEWORK FINISH		COMMENTS
						MATERIAL	FINISH	COUNTERTOP	CABINET	
010	ELEC	SC1	RB1	PNT1		EXP	PNT			
011	TOILET	CT1	CT1A	FRP1		ACT2A	-			
012	JC	SC1	RB1	FRP2		EXP	PNT			
013	GIRLS	CT1	CT1A	PNT1		ACT2A	-			
014	BOYS	CT1	CT1A	PNT1/FRP1		ACT2A	-			
015	ELEC	SC1	RB1	PNT1		EXP	PNT			
016	ELEC	SC1	RB1	PNT1		EXP	PNT			
017	TOILET	CT1	CT1A	FRP1		ACT2A	-			
018	TOILET	CT1	CT1A	FRP1		ACT2A	-			
019	STORAGE	VCT1	RB1	PNT1		EXP	PNT			
020	ELEC	CPT1	RB1	PNT1		EXP	PNT			
021	TOILET	CT1	CT1A	FRP1		ACT2A	-			
022	TOILET	CT1	CT1A	FRP1		ACT2A	-			
023	WOMENS	CT1	CT1A	PNT1		ACT2A	-			
024	JC	SC1	RB1	FRP2		EXP	PNT			
025	MEN	CT1	CT1A	PNT1		ACT2A	-			
26	STORAGE	VCT1	RB1	PNT1		EXP	PNT			
026	MECHANICAL	SC1	RB1	PNT1		EXP	PNT			
026A	ELECTRICAL	SC1	RB1	PNT1	ER1	EXP	PNT			
026B	ELECTRICAL	SC1	RB1	PNT1	ER1	EXP	PNT			
027	STORAGE	SC1	RB1	PNT1		EXP	PNT			
028	STORAGE	SC1	RB1	PNT1		EXP	PNT			
030	BOYS	CT1	CT1A	ETR		ACT2A	-			
031	STORAGE	VCT1	RB1	PNT1		EXP	PNT			
032	GIRLS	CT1	CT1A	PNT1		ACT2A	-			
033	JAN	SC1	RB1	FRP2		EXP	-			
034	TOILET	CT1	CT1A	FRP1		ACT2A	-			
035	STORAGE	VCT1	RB1	PNT1		ACT2A	-			
040	ELEC	SC1	RB1	PNT1		EXP	PNT			
041	TOILET	CT1	CT1A	PNT1		ACT2A	-			
042	JC	SC1	RB1	FRP2		EXP	PNT			
043	GIRLS	CT1	CT1A	PNT1		ACT2A	-			
044	BOYS	CT1	CT1A	PNT1/FRP1		ACT2A	-			
045	STORAGE	RF1	RB1	PNT1		EXP	PNT			
046	ELEC	SC1	RB1	PNT1		EXP	PNT			
047	MECH	VCT1	RB1	PNT1		ACT2A	-			
048	STORAGE	VCT1	RB1	PNT1		EXP	PNT			
050	MECHANICAL	SC1	RB1	PNT1		EXP	PNT			
052	TOILET	CT1	CT1A	FRP1		ACT2A	-			
067	BOYS	CT1	CT1A	PNT1/FRP1		ACT2A	-			
101	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A	-	SSM1 / PLAM2	PLAM1	
102	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A	-	SSM1 / PLAM2	PLAM1	
103	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A	-	SSM1 / PLAM2	PLAM1	
104	OT/PT	RF1	RB1	PNT1	ER1	ACT2A	-	SSM1	PLAM1	
104A	STORAGE	RF1	RB1	PNT1		ACT2A				
105	SPEECH	VCT1	RB1	PNT1	ER1	ACT2A	-	SSM1	PLAM1	
106	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A	-	SSM1 / PLAM2	PLAM1	
107	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A	-	SSM1 / PLAM2	PLAM1	
108	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A	-	SSM1 / PLAM2	PLAM1	
109	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A	-	SSM1 / PLAM2	PLAM1	
110	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A	-	SSM1 / PLAM2	PLAM1	
111	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A	-	SSM1 / PLAM2	PLAM1	
112	RESOURCE ROOM	VCT1	RB1	PNT1		ACT2A	-	SSM1	PLAM1	
113	RESOURCE ROOM	VCT1	RB1	PNT1		ACT2A	-	SSM1	PLAM1	
114	READING SPEC	CPT1	RB1	PNT1		ACT2A	-		PLAM1	
115	MDF	SC1	RB1	PNT1		EXP	PNT			
116	READING SPEC	CPT1	RB1	PNT1		ACT2A	-		PLAM1	
117	READING SPEC	CPT1	RB1	PNT1		ACT2A	-		PLAM1	
118	OFFICE	CPT1	RB1	PNT1		ACT2A	-	PLAM2	PLAM1	
119	READING SPEC	CPT1	RB1	PNT1		ACT2A	-		PLAM1	
121	OFFICE	CPT1	RB1	PNT1		ACT2A	-	PLAM2	PLAM1	
200	ADMIN	CPT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3			
200	ADMIN	CPT1	RB1	PNT1		ACT2A	-			
200A	TOILET	CT1	CT1A	FRP1		ACT2A	-			
200B	STORAGE	VCT1	RB1	PNT1		ACT2A	-			
200C	MAIL ROOM	CPT1	RB1	PNT1		ACT2A	-			
201	PRINCIPAL	CPT1	RB1	PNT1	ER1	ACT2A	-			
201A	CLOSET	CPT1	RB1	PNT1		GWB	PNT3			
201A	STORAGE	CT1	CT1A	FRP1		GWB	PNT3			
202	CONF ROOM	CPT1	RB1	PNT1		ACT2A	-			
203	GUIDANCE	CPT1	RB1	PNT1		ACT2A	-			
204	WORK ROOM	VCT1	RB1	PNT1		ACT2A	-			
205	FACULTY COMMONS	VCT1	RB1	PNT1		ACT2A	-			
206	GYM	VCT1/CLP4,5,6	RB1	ETR/AP4A-4B/WP1		EXP	PNT			
206A	GYM OFFICE	VCT1	RB1	PNT1		ACT2A	-			
206B	STAGE	VCT2	RB2	PNT5		EXP	PNT5			
206C	GYM STORAGE	RF1	RB1	PNT1		EXP	PNT			
206D	STORAGE	VCT1	RB1	PNT1		ACT2A	-			
207	CAFETERIA	VCT1/CLP4,5,6	RB1	ETR/AP4A-4B/WP1		EXP	PNT			
207A	TABLE AND CHAIR	RF1	RB1	PNT1		EXP	PNT			
208	KITCHEN	QT1	QT1A	PNT2A,2B,2C	ER1	ACT2D	-			ACCENT PAINT COLORS & LOCATIONS TBD
208A	OFFICE	VCT1	RB1	PNT1	ER1	ACT2A	-			
208B	JC	QT1	QT1A	FRP2		EXP	PNT			
208C	DRY STORAGE	RF1	RB1	PNT1		ACT2A	-			
209	MAINTENANCE	VCT1	RB1	PNT1		EXP	PNT			
209A	OFFICE	VCT1	RB1	PNT1	ER1	ACT2A	-			
209B	IDF	VCT1	RB1	PNT1		EXP	PNT			
210	LIBRARY	CPT1/VCT1	RB1	ETR UNO	ER1	ACT2A/GWB	-/PNT3			
210A	LIBRARY STORAGE	VCT1	RB1	ETR	ER1	ACT2A/GWB	-/PNT3			
211	LIBRARY MEZZ	VCT1	RB1	ETR UNO	ER1	ACT2A	-			
211A	LIBRARY OFFICE	VCT1	RB1	ETR UNO	ER1	ACT2A	-			
212	Room									
220	NURSE	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3			
220A	OFFICE	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3			
220B	TOILET	CT1	CT1A	FRP1		ACT2A	-			
220C	EXAM	VCT1	RB1	PNT1		ACT2A	-			
220D	STORAGE	VCT1	RB1	PNT1		GWB	PNT3			
221	STORAGE	VCT1	RB1	PNT1		ACT2A	-			
221A	STORAGE	VCT1	RB1	PNT1		ACT2A	-			
222	TECH	VCT1	RB1	PNT1		ACT2A	-			
301	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
302	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
303	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
304	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
305	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
306	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
307	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
308	IDF	VCT1	RB1	PNT1		EXP	PNT			
309	CASE WORKING	CPT1	RB1	PNT1		ACT2A	-			
310	INSTRUCTIONAL COACH	CPT1	RB1	PNT1		ACT2A	-			
311	OFFICE	CPT1	RB1	PNT1		ACT2A	-			
312	SUPPORT	CPT1	RB1	PNT1		ACT2A	-			
313	PYSCH	CPT1	RB1	PNT1		ACT2A	-			
401	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
402	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
403	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
404	RESOURCE ROOM	VCT1	RB1	PNT1	ER1	ACT2A	-	SSM1	PLAM1	
405	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A	-	SSM1	PLAM1	
406	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
407	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
408	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
409	CLASSROOM	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3	SSM1 / PLAM2	PLAM1	
410	GIFTED / MATH SPECIALIST	VCT1	RB1	PNT1		ACT2A	-	SSM1	PLAM1	
411	ELL	VCT1	RB1	PNT1		ACT2A	-	SSM1	PLAM1	
412	IDF	VCT1	RB1	PNT1		EXP	PNT			
421	ART	VCT1	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3			
421A	STORAGE	SC1	RB1	PNT1		EXP	PNT			
421B	KILN	VCT1	RB1	PNT1		ACT2A/GWB	-/PNT3			
422	DESIGN LAB	VCT1	RB1	PNT1		ACT2A/GWB	-/PNT3			
422A	STORAGE	SC1	RB1	PNT1		EXP	PNT			
423	STORAGE	VCT1	RB1	PNT1		ACT2A	-			
424	INSTRUMENTAL MUSIC	CPT1	RB1	PNT1		ACT2A/GWB	-/PNT3			
425	MUSIC	CPT1	RB1	PNT1		ACT2A/GWB	-/PNT3			
504	CORRIDOR	RF2	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3			
C101	CORRIDOR	RF1	RB1	PNT1	ER1	ACT2A	-			
C103	CORRIDOR	RF1/RF2	RB1	PNT1		ACT2A	-			

ROOM FINISH SCHEDULE

ROOM #	Name	FLOOR FINISH	BASE TYPE	WALL FINISH	WINDOW SILL FINISH	CEILING		CASEWORK FINISH		COMMENTS
						MATERIAL	FINISH	COUNTERTOP	CABINET	
C104	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C105	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C106	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C107	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C108	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C108	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C109	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C110	CORRIDOR	RF1	RB1	PNT1	ER1	ACT2A	-			
C201	CORRIDOR	RF1/RF2	RB1	PNT1		EXP/ACT2A	PNT/			
C202	CORRIDOR	RF1/RF2	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3			
C203	CORRIDOR	RF1	RB1	PNT1		ACT2A/GWB	-/PNT3			
C204	CORRIDOR	RF2	RB1	PNT1	ER1	GWB	PNT3			
C205	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C206	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C206.1	CORRIDOR	CPT1	RB1	PNT1		ACT2A	-			
C207	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C301	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C302	CORRIDOR	RF1	RB1	PNT1		ACT2A/GWB	-/PNT3			
C303	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C304	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C401	CORRIDOR	RF1/RF2	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3			
C402	CORRIDOR	RF1	RB1	PNT1		ACT2A/GWB	-/PNT3			
C403	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C404	CORRIDOR	RF1	RB1	PNT1		ACT2A/GWB	-/PNT3			
C405	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C406	CORRIDOR	RF1	RB1	PNT1	ER1	ACT2A	-			
C407	CORRIDOR	RF1	RB1	PNT1		ACT2A	-			
C501	CORRIDOR	RF2	RB1	PNT1	ER1	ACT2A	-			
C502	CORRIDOR	RF2	RB1	PNT1	ER1	ACT2A/GWB	-/PNT			
C503	CORRIDOR	RF2	RB1	PNT1	ER1	ACT2A/GWB	-/PNT3			
D187	HALLWAY	RF1	RB1	PNT1		ACT2A	-			
D188	HALLWAY	RF1	RB1	PNT1		ACT2A	-			
D191	VESTIBULE	RF1	RB1	PNT1		ACT2A	-			
ST1	STAIR 1	RS1	RB1	PNT1		GWB3B	PNT3			
ST2	STAIR	RS1	RB1	PNT1		GWB3B	PNT3			
ST3	STAIR	RS1	RB1	PNT1		EXP	PNT			
ST7	STAIR 7	RS1				ACT2A	-			
V101	VESTIBULE	RF1	RB1	PNT1		ACT2A	-			
V201	VESTIBULE	RF1	RB1	PNT1		EXP	PNT			
V202	VESTIBULE	RF1	RB1	PNT1		ACT2A	-			
V203	VESTIBULE	RF1	RB1	PNT1		ACT2A	-			
V301	VESTIBULE	RF1	RB1	PNT1		ACT2A	-			

ABBREVIATIONS

ACT	ACOUSTICAL CEILING PANEL
AP	ACOUSTICAL PANEL
CG	CORNER GUARDS
CLP	COURT PAINT LINES
CPT	CARPET
CT	CERAMIC TILE
ER	EPOXY RESIN COUNTERTOP
EXP	EXPOSED
FRP	FIBERGLASS REINFORCED PLASTIC
PF	PANEL FABRIC
PLAM	PLASTIC LAMINATE
PNT	PAINT
QT	QUARRY TILE
RB	RUBBER BASE
RF	RUBBER FLOOR
RS	RUBBER STAIR
SC	SEALED CONCRETE
SSM	SOLID SURFACE MATERIAL
TP	TOILET PARTITION
TS	TACKABLE WALL SYSTEM
VCT	VINYL COMPOSITE TILE

FINISH SPECIFICATIONS

TAG	BASIS OF DESIGN					INSTALLATION METHOD	COMMENTS
	MATERIAL	MANUFACTURER	PRODUCT	COLOR	SIZE		
ACT2A	ACOUSTICAL CEILING TILE	ARMSTRONG WORLD INDUSTRIES	ULTIMA SQUARE LAY-IN 1913	WHITE	24"x48"x3/4"	CEILING GRID: 15/16" PRELUDE; COLOR: BLIZZARD WHITE	
ACT2D	ACOUSTICAL CEILING (CLEAN ROOM)	ARMSTRONG WORLD INDUSTRIES	CLEAN ROOM VL UNPERFORATED (870)	WHITE	24"x48"x1/2"	CEILING GRID: 15/16" PRELUDE; COLOR: BLIZZARD WHITE	
ACT3A	GYPSUM WALL BOARD CEILING			PNT			
ACT3B	1 HR FIRE RATED GYPSUM WALL BOARD CEILING			PNT			
ACT6A	DIRECT-ATTACH CEILING PANEL	ARMSTRONG WORLD INDUSTRIES	TECTUM DIRECT-ATTACH	WHITE	24"x48"		
AP1	ACOUSTICAL PANEL	CONWED	RESPOND A SERIES WALL PANEL	PF2	SEE ACOUSTICAL PANEL SCHEDULE	3/4" THICKNESS, BEVEL EDGE	
AP2	ACOUSTICAL PANEL	CONWED	RESPOND A SERIES WALL PANEL	PF2	SEE ACOUSTICAL PANEL SCHEDULE	3/4" THICKNESS, BEVEL EDGE	
AP3	ACOUSTICAL PANEL	CONWED	RESPOND A SERIES WALL PANEL	PF2	SEE ACOUSTICAL PANEL SCHEDULE	3/4" THICKNESS, BEVEL EDGE	
AP4A	ACOUSTICAL PANEL (IMPACT RESISTANT)	ARMSTRONG WORLD INDUSTRIES	TECTUM DIRECT-ATTACH	COLOR: TBD	24"x96"; 2" THICK	TECTUM DIRECT-ATTACH-WALLS	SEE ACOUSTICAL PANEL SCHEDULE; SUBMIT SAMPLES OF MANUFACTURER'S FULL RANGE FOR SELECTION
AP4B	ACOUSTICAL PANEL (IMPACT RESISTANT)	ARMSTRONG WORLD INDUSTRIES	TECTUM DIRECT-ATTACH	COLOR: TBD	24"x48"; 2" THICK	TECTUM DIRECT-ATTACH-WALLS	SEE ACOUSTICAL PANEL SCHEDULE; SUBMIT SAMPLES OF MANUFACTURER'S FULL RANGE FOR SELECTION
CG1	CORNER GUARDS	CONSTRUCTION SPECIALITIES	SSM-20	TBD	1/4" RADIUS W/ 2" LEGS X 36" TALL	SNAP ON COVER W/ END CAP	BOTTOM OF CORNER GUARD TO ALIGN W/ TOP OF WALL BASE; SEE PLANS FOR LOCATIONS
CLP1	COURT LINE - WATER JET CUTTING (ALTERNATE NO. 5)	NORA BY INTERFACE	BASKETBALL COURT	NORAMENT SATURA; COLOR TBD		WATER JET CUTTING OF GAME LINES	SEE FLOOR PLAN FOR COLOR LOCATIONS; SUBMIT SAMPLES OF MANUFACTURER'S FULL RANGE FOR SELECTION
CLP2	COURT LINE - WATER JET CUTTING (ALTERNATE NO. 5)	NORA BY INTERFACE	VOLLEYBALL COURT	NORAMENT SATURA; COLOR TBD		WATER JET CUTTING OF GAME LINES	SEE FLOOR PLAN FOR COLOR LOCATIONS; SUBMIT SAMPLES OF MANUFACTURER'S FULL RANGE FOR SELECTION
CLP3	COURT LINE - WATER JET CUTTING (ALTERNATE NO. 5)	NORA BY INTERFACE	SECONDARY BASKETBALL COURT	NORAMENT SATURA; COLOR TBD		WATER JET CUTTING OF GAME LINES	SEE FLOOR PLAN FOR COLOR LOCATIONS; SUBMIT SAMPLES OF MANUFACTURER'S FULL RANGE FOR SELECTION
CLP4	COURT LINE	ARMSTRONG	BASKETBALL COURT	PREMIUM EXCELON FEATURE STRIP; COLOR TBD	2" FEATURE STRIP		
CLP5	COURT LINE	ARMSTRONG	VOLLEYBALL COURT	PREMIUM EXCELON FEATURE STRIP; COLOR TBD	2" FEATURE STRIP		
CLP6	COURT LINE	ARMSTRONG	SECONDARY BASKETBALL COURT	PREMIUM EXCELON FEATURE STRIP; COLOR TBD	2" FEATURE STRIP		
CPT1	CARPET TILE	INTERFACE	AERIAL FLYING COLORS; STYLE #: 163230AK00	AE315 105819 TAUPE/ LEAF	9.845"x39.38"	ASHLAR	
CT1	CERAMIC TILE (TOILET ROOM FLOORING)	DALTILE	INDOTERRA	IN44 TRAIL	12"x24"	RUNNING BOND 1/3 OFFSET	GROUT THICKNESS: 3/16"; EPOXY GROUT: KERAPOXY CQ COLOR: 5107 IRON
CT1A	CERAMIC TILE BASE	DALTILE	INDOTERRA	IN44 TRAIL	6"X12" COVE BASE		GROUT THICKNESS: 3/16"; EPOXY GROUT: MAPEI KERAPOXY CQ COLOR: 5107 IRON
ER1	EPOXY RESIN	DURCON	CLASSIC TOP	TAN	1" THICK	RADIUS EDGE FINISH	
FRP1	FIBERGLASS REINFORCED PLASTIC	MARLITE	SYMMETRIX SMARTSEAM	CUSTOM - SHERWIN WILLIAMS 128, BONE WHITE WITH WHITE GROUT LINES - SATIN	3"x6" SUBWAY	FULL HEIGHT UNO; SINGLE USE TOILET ROOMS - ALL PERIMETER WALLS FULL HEIGHT	
FRP2	FIBERGLASS REINFORCED PLASTIC (JAN. CLOSETS)	MARLITE	STANDARD FRP	WHITE		FULL HEIGHT - ALL PERIMETER WALLS OF JAN CLOSETS	
PF1	ACOUSTICAL WALL PANEL FABRIC	GUILFORD OF MAINE	FR701 2100	WHEAT 130			
PF2	ACOUSTICAL WALL PANEL FABRIC	GUILFORD OF MAINE	FR701 2100	TBD			SUBMIT SAMPLES OF MANUFACTURER'S FULL RANGE FOR SELECTION
PLAM1	PLASTIC LAMINATE (CASEWORK)	WILSONART		JUBILEE OAK 8242-38 (TYP) / FONTHILL PEAR 10745-60 MATT FINISH (CLASSROOM)			
PLAM2	PLASTIC LAMINATE	WILSONART		SOAPSTONE 4886-38 (TYP) / GREEN TIGRIS 4667-60 (CLASSROOM)			
PNT1	PAINT (TYP)	SHERWIN WILLIAMS		128, BONE WHITE, EPOXY, SEMI GLOSS		SUBMIT SAMPLE TO ARCHITECT	
PNT2A	ACCENT PAINT (KITCHEN)	SHERWIN WILLIAMS		COLOR TBD, EPOXY, SEMI GLOSS			PAINT COLOR & LOCATIONS TBD
PNT2B	ACCENT PAINT (KITCHEN)	SHERWIN WILLIAMS		COLOR TBD, EPOXY, SEMI GLOSS			PAINT COLOR & LOCATIONS TBD
PNT2C	ACCENT PAINT (KITCHEN)	SHERWIN WILLIAMS		COLOR TBD, EPOXY, SEMI GLOSS			PAINT COLOR & LOCATIONS TBD
PNT3	CEILING PAINT	SHERWIN WILLIAMS		128, BONE WHITE, FLAT			
PNT4	TRIM PAINT	SHERWIN WILLIAMS		128, BONE WHITE, EPOXY, SEMI GLOSS			
PNT5	STAGE PAINT	SHERWIN WILLIAMS		SW6258 TRICORN BLACK, EPOXY, SEMI GLOSS			
QT1	QUARRY TILE (KITCHEN FLOORING)	METROPOLITAN CERAMICS	QUARRYBASICS	705 PEWTER	6"x6"		GROUT THICKNESS: 3/8"; EPOXY GROUT: MAPEI KERAPOXY CQ COLOR: 5009 GRAY
QT1A	QUARRY TILE BASE	METROPOLITAN CERAMICS	QUARRYBASIC	705 PEWTER	6"x6" Q3565 COVE BASE		GROUT THICKNESS: 3/8"; EPOXY GROUT: MAPEI KERAPOXY CQ COLOR: 5009 GRAY
RB1	RUBBER BASE	ROPPE	RUBBER WALL BASE	123 CHARCOAL	4" COVE BASE		
RB2	RUBBER BASE	ROPPE	RUBBER WALL BASE	100 BLACK	4" COVE BASE		
RF1	RUBBER FLOOR	NORA BY INTERFACE	NORAMENT PADO	5503 EMERALD	39.53"x39.53", 3.5mm		
RF2	RUBBER FLOOR (INTERIOR RAMPS)	NORA BY INTERFACE	NORAMENT XP	5111 CASTOR	39.53"x39.53", 3.5mm		ALL INTERIOR RAMPS & CIRCULATION INDICATED ON FINISH PLANS WITH GRAY HATCH; SEE FINISH PLANS FOR LOCATIONS
RS1	RUBBER STAIR TREADS & LANDINGS	NORA BY INTERFACE	NORAMENT TREAD HAMMERED WITH VISUALLY IMPAIRED STIPES	0882 PLATINUM GREY			
RS2	RUBBER STAIR TREADS & LANDINGS (STAGE STAIRS)	NORA BY INTERFACE	NORAMENT TREAD HAMMERED WITH VISUALLY IMPAIRED STIPES	0702 BLACK			
SC1	SEALED CONCRETE						
SSM1	SOLID SURFACE MATERIAL (SINK COUNTERTOPS)	WILSONART	THINSCAPE PERFORMANCE TOPS	BLACK AMANI TS404-LR	1/2" THICK; EDGE PROFILE: CRESCENT		
STN1	WOOD STAIN			TO MATCH PLAM1			
TB1	TACKBOARDS	CONWED	MINTACK WALL PANEL (TK/AC)	PF1 FABRIC			ALUMINUM FRAMES & TRIM IN CORRIDORS ONLY; ONE OUTSIDE EACH CLASSROOM
TP1	TOILET PARTITIONS	SCRANTON PRODUCTS		TBD			
VCT1	VINYL COMPOSITION TILE (CLASSROOMS)	ARMSTRONG	STANDARD EXCELON IMPERIAL TEXTURE	52514 JUBILEE WHITE	12"x12"		
VCT2	VINYL COMPOSITION TILE (STAGE FLOOR)	ARMSTRONG	STANDARD EXCELON IMPERIAL TEXTURE	51910 CLASSIC BLACK	12"x12"		
WP1	WALL PADDING	PERFORMANCE SPORTS SYSTEMS	VINYL COATED FABRIC	COLOR: TBD			SUBMIT SAMPLES OF MANUFACTURER'S FULL RANGE FOR SELECTION

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Professional Seal:

Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

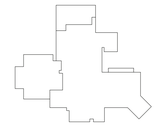
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:



Drawing Title:
FINISH SCHEDULE & FINISH SPECIFICATIONS

Drawing Number:
A900

FINISH GENERAL NOTES

1. WALL DESIGNATION REFERS TO NORTH NOTED ON THE KEY PLAN.
2. FLOOR FINISHES TO BE CONTINUOUS UNDER ALL CASEWORK, MILLWORK, CABINETRY, PLUMBING AND FLOOR FIXTURES UNLESS OTHERWISE NOTED.
3. PROVIDE ADA / ANSI COMPLIANT METAL THRESHOLDS / TRANSITION STRIPS BETWEEN ALL DISSIMILAR FLOORING MATERIALS. SUBMIT SAMPLES TO ARCHITECT FOR REVIEW VIA SHOP DRAWING / SAMPLE SUBMITTAL PROCESS.
4. SEE PARTITION TYPES AND INTERIOR ELEVATIONS FOR EXTENT OF PAINTING. SEE WINDOW AND DOOR SCHEDULES FOR APPLICABLE FINISHES.
5. PROVIDE 3/4-INCH AC FIRE RATED PLYWOOD FROM FINISH FLOOR TO 8'-0" AFF BEHIND TELECOM EQUIPMENT. COORDINATE WITH TELECOM REQUIREMENTS. PROVIDE PAINT FINISH TO MATCH ADJACENT CONSTRUCTION PRIOR TO PLACEMENT OF EQUIPMENT.
6. PAINT EXTENT DESIGNATION INDICATED ON FINISH SCHEDULE ONLY APPLIES TO WALLS AND CEILINGS. DO NOT PAINT INTERIOR BRICK VENEER, GROUND FACED MASONRY SURFACES, GLAZING, DOOR AND WINDOW FRAMES UNLESS OTHERWISE NOTED.
7. SEE REFLECTED CEILING PLANS FOR CEILING TYPES, MATERIALS, FINISHES AND HEIGHTS.
8. IN ALL CASES WHERE EXPOSED CEILINGS ARE TO BE PAINTED ALL DUCTWORK AND OTHER EXPOSED MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT TO BE PAINTED AS WELL.
9. SEE "A800" SERIES INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION ON WALL PAINT LOCATIONS.

1 COMPOSITE FIRST FLOOR FINISH PLAN
A901 SCALE: 1/16" = 1'-0"

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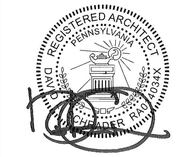

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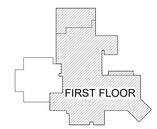

Drawing Title:
COMPOSITE FIRST FLOOR FINISH FLOOR PLAN

Drawing Number:
A901

True Project

2' 8' 32'
0' 4' 16' 48'

1 PARTIAL FIRST FLOOR FINISH PLAN - AREA A

A901.1 SCALE: 1/8" = 1'-0"

FINISH GENERAL NOTES

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9. SEE "A800" SERIES INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION ON WALL PAINT LOCATIONS.

FINISH LEGEND

CLASSROOM ← ROOM NAME
B112 ← ROOM NUMBER
PNT-01 ← CEILING FINISH
PNT-02 ← WALL FINISH
CPT-01 ← FLOOR FINISH
RB-03 ← BASE MATERIAL

- CARPET FLOORING
- CERAMIC TILE
- 12" x 12" VCT
- SEALED CONCRETE
- RUBBER FLOORING
- QUARRY TILE

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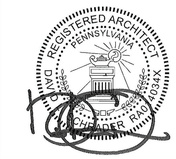

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SGA PROJECT NUMBER: 23-029

Key Plan:

Drawing Title:
PARTIAL FIRST FLOOR FINISH PLAN - AREA A

Drawing Number:
A901.1

True Project

0' 2' 4' 8' 16' 24'

FINISH GENERAL NOTES

1. WALL DESIGNATION REFERS TO NORTH NOTED ON THE KEY PLAN.
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3. PROVIDE ADA / ANSI COMPLIANT METAL THRESHOLDS / TRANSITION STRIPS BETWEEN ALL DISSIMILAR FLOORING MATERIALS. SUBMIT SAMPLES TO ARCHITECT FOR REVIEW VIA SHOP DRAWING / SAMPLE SUBMITTAL PROCESS.
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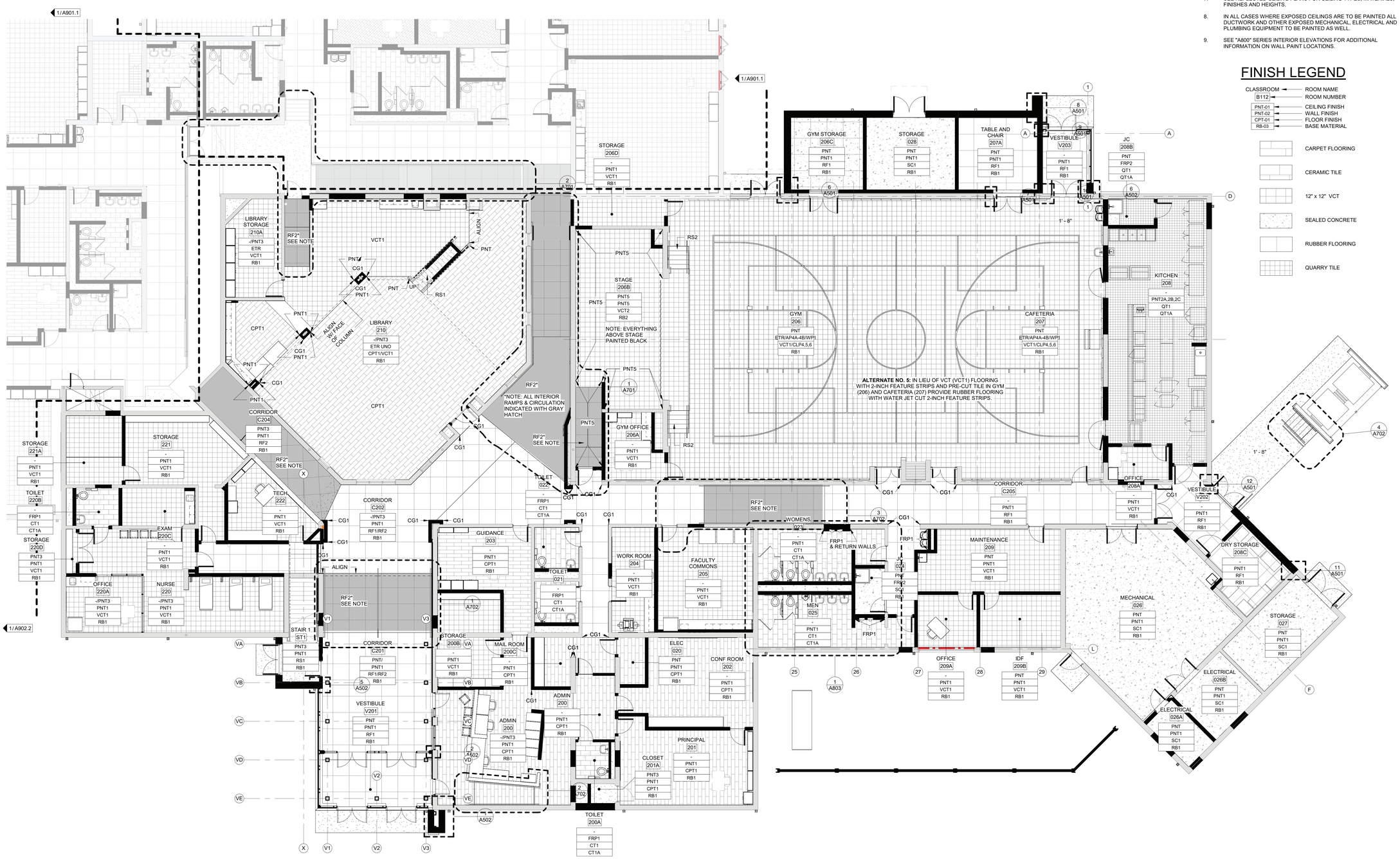
FINISH LEGEND

CLASSROOM — ROOM NAME
B112 — ROOM NUMBER
PNT-01 — CEILING FINISH
PNT-02 — WALL FINISH
CPT-01 — FLOOR FINISH
RB-03 — BASE MATERIAL

CARPET FLOORING
CERAMIC TILE
12" x 12" VCT
SEALED CONCRETE
RUBBER FLOORING
QUARRY TILE



1 PARTIAL FIRST FLOOR FINISH PLAN - AREA B
A901.2 SCALE: 1/8" = 1'-0"

True Project
0' 2' 4' 8' 16' 24'

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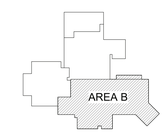

Drawing Title:
PARTIAL FIRST FLOOR FINISH PLAN - AREA B

Drawing Number:
A901.2

1 COMPOSITE SECOND FLOOR FINISH FLOOR PLAN
A902 SCALE: 1/16" = 1'-0"

FINISH GENERAL NOTES

1. WALL DESIGNATION REFERS TO NORTH NOTED ON THE KEY PLAN.
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True Project

2' 8' 32'
0' 4' 16' 48'

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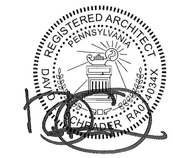

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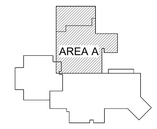
SGA PROJECT NUMBER: 23-029

Key Plan:

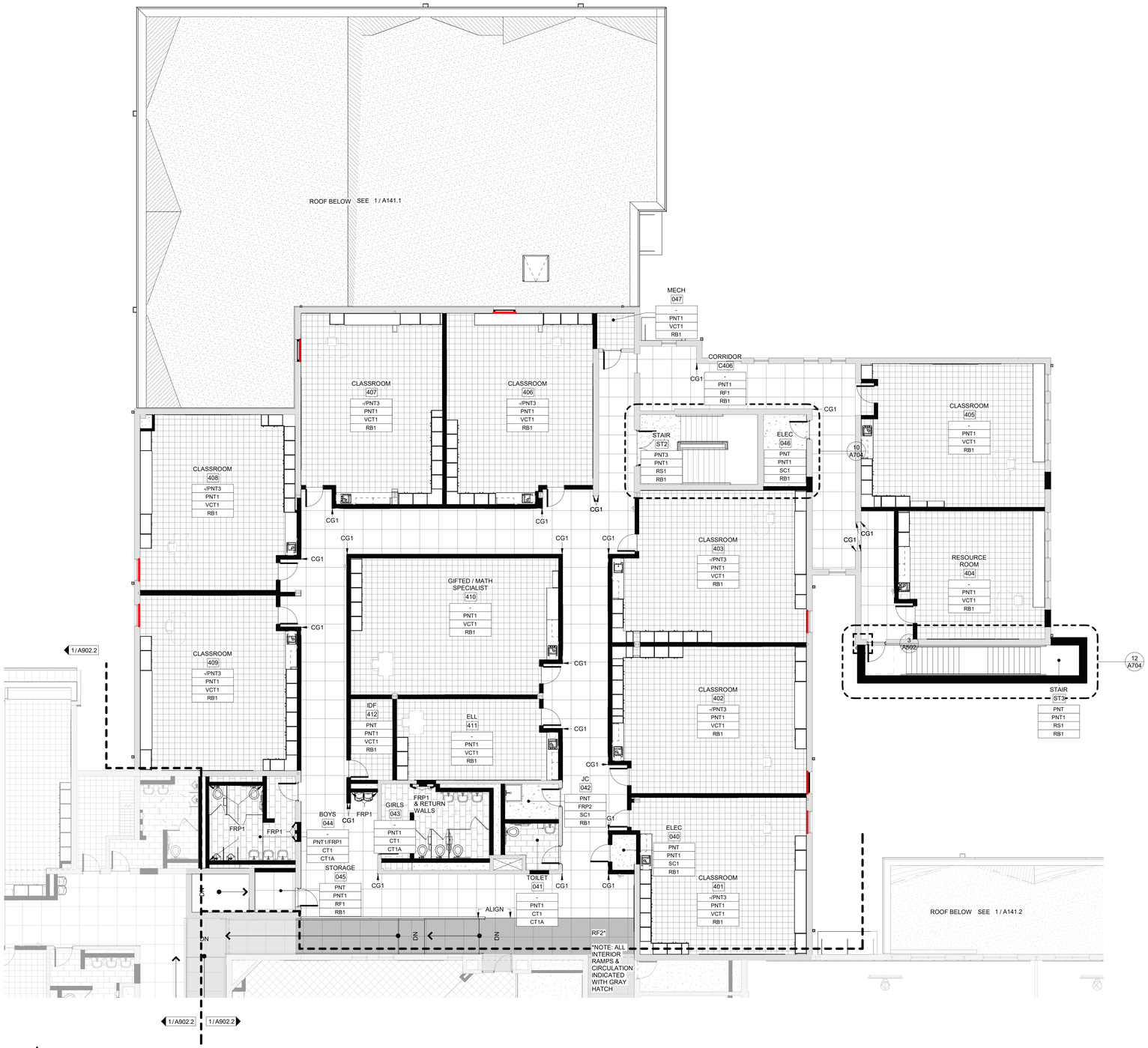


Drawing Title:

COMPOSITE SECOND FLOOR FINISH FLOOR PLAN

Drawing Number:

A902



1 PARTIAL SECOND FLOOR FINISH PLAN - AREA A

A902.1 SCALE: 1/8" = 1'-0"

FINISH GENERAL NOTES

1. WALL DESIGNATION REFERS TO NORTH NOTED ON THE KEY PLAN.
2. FLOOR FINISHES TO BE CONTINUOUS UNDER ALL CASEWORK, MILLWORK, CABINETRY, PLUMBING AND FLOOR FIXTURES UNLESS OTHERWISE NOTED.
3. PROVIDE ADA / ANSI COMPLIANT METAL THRESHOLDS / TRANSITION STRIPS BETWEEN ALL DISSIMILAR FLOORING MATERIALS. SUBMIT SAMPLES TO ARCHITECT FOR REVIEW VIA SHOP DRAWING / SAMPLE SUBMITTAL PROCESS.
4. SEE PARTITION TYPES AND INTERIOR ELEVATIONS FOR EXTENT OF PAINTING. SEE WINDOW AND DOOR SCHEDULES FOR APPLICABLE FINISHES.
5. PROVIDE 3/4-INCH AC FIRE RATED PLYWOOD FROM FINISH FLOOR TO 8'-0" AFF BEHIND TELECOM EQUIPMENT. COORDINATE WITH TELECOM REQUIREMENTS. PROVIDE PAINT FINISH TO MATCH ADJACENT CONSTRUCTION PRIOR TO PLACEMENT OF EQUIPMENT.
6. PAINT EXTENT DESIGNATION INDICATED ON FINISH SCHEDULE ONLY APPLIES TO WALLS AND CEILINGS. DO NOT PAINT INTERIOR BRICK VENEER, GROUND FACED MASONRY SURFACES, GLAZING, DOOR AND WINDOW FRAMES UNLESS OTHERWISE NOTED.
7. SEE REFLECTED CEILING PLANS FOR CEILING TYPES, MATERIALS, FINISHES AND HEIGHTS.
8. IN ALL CASES WHERE EXPOSED CEILINGS ARE TO BE PAINTED ALL DUCTWORK AND OTHER EXPOSED MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT TO BE PAINTED AS WELL.
9. SEE "A800" SERIES INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION ON WALL PAINT LOCATIONS.

FINISH LEGEND

CLASSROOM — ROOM NAME
B112 — ROOM NUMBER
PNT-01 — CEILING FINISH
PNT-02 — WALL FINISH
CPT-01 — FLOOR FINISH
RB-03 — BASE MATERIAL

- CARPET FLOORING
- CERAMIC TILE
- 12" x 12" VCT
- SEALED CONCRETE
- RUBBER FLOORING
- QUARRY TILE

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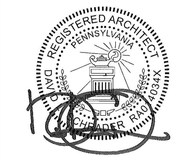
Professional Seal:



Owner:
WEST CHESTER AREA SCHOOL DISTRICT
782 Springdale Drive, Exton, PA 19341

Additions and Renovations to:
HILLSDALE ELEMENTARY SCHOOL
725 West Market Street
West Chester, PA 19382

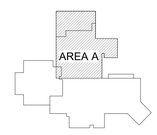
ISSUED FOR:

NO.	DESCRIPTION	DATE
	BUILDING PERMIT / BIDDING	10/07/2024
	GC REBID	12/03/2024

DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

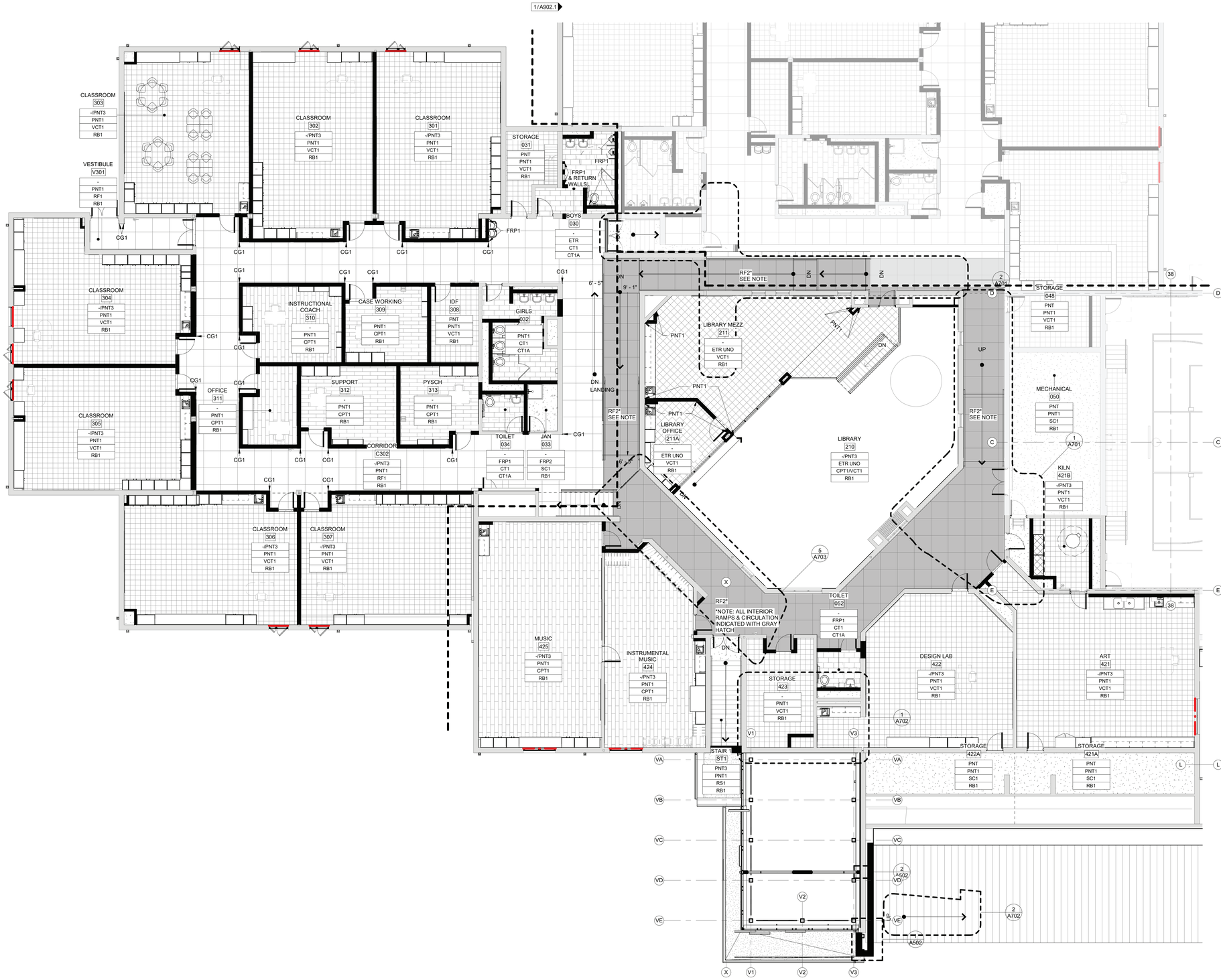


Drawing Title:
PARTIAL SECOND FLOOR FINISH PLAN - AREA A

Drawing Number:
A902.1

True Project

2' 8' 24'
0' 4' 16'



1 A902.2 UPPER POD FINISH FLOOR PLAN - AREA B

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

FINISH GENERAL NOTES

1. WALL DESIGNATION REFERS TO NORTH NOTED ON THE KEY PLAN.
2. FLOOR FINISHES TO BE CONTINUOUS UNDER ALL CASEWORK, MILLWORK, CABINETRY, PLUMBING AND FLOOR FIXTURES UNLESS OTHERWISE NOTED.
3. PROVIDE ADA / ANSI COMPLIANT METAL THRESHOLDS / TRANSITION STRIPS BETWEEN ALL DISSIMILAR FLOORING MATERIALS. SUBMIT SAMPLES TO ARCHITECT FOR REVIEW VIA SHOP DRAWING / SAMPLE SUBMITTAL PROCESS.
4. SEE PARTITION TYPES AND INTERIOR ELEVATIONS FOR EXTENT OF PAINTING. SEE WINDOW AND DOOR SCHEDULES FOR APPLICABLE FINISHES.
5. PROVIDE 3/4-INCH AC FIRE RATED PLYWOOD FROM FINISH FLOOR TO 8'-0" AFF BEHIND TELECOM EQUIPMENT. COORDINATE WITH TELECOM REQUIREMENTS. PROVIDE PAINT FINISH TO MATCH ADJACENT CONSTRUCTION PRIOR TO PLACEMENT OF EQUIPMENT.
6. PAINT EXTENT DESIGNATION INDICATED ON FINISH SCHEDULE ONLY APPLIES TO WALLS AND CEILINGS. DO NOT PAINT INTERIOR BRICK VENEER, GROUND FACED MASONRY SURFACES, GLAZING, DOOR AND WINDOW FRAMES UNLESS OTHERWISE NOTED.
7. SEE REFLECTED CEILING PLANS FOR CEILING TYPES, MATERIALS, FINISHES AND HEIGHTS.
8. IN ALL CASES WHERE EXPOSED CEILINGS ARE TO BE PAINTED ALL DUCTWORK AND OTHER EXPOSED MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT TO BE PAINTED AS WELL.
9. SEE "A800" SERIES INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION ON WALL PAINT LOCATIONS.

FINISH LEGEND

CLASSROOM B112 — ROOM NAME / ROOM NUMBER
PNT-01 — CEILING FINISH
PNT-02 — WALL FINISH
CPT-01 — FLOOR FINISH
RB-03 — BASE MATERIAL

- CARPET FLOORING
- CERAMIC TILE
- 12" x 12" VCT
- SEALED CONCRETE
- RUBBER FLOORING
- QUARRY TILE

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Professional Seal:

Owner:
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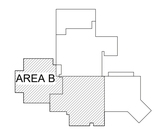
DATE: 12/03/2024

SGA PROJECT NUMBER: 23-029

Key Plan:

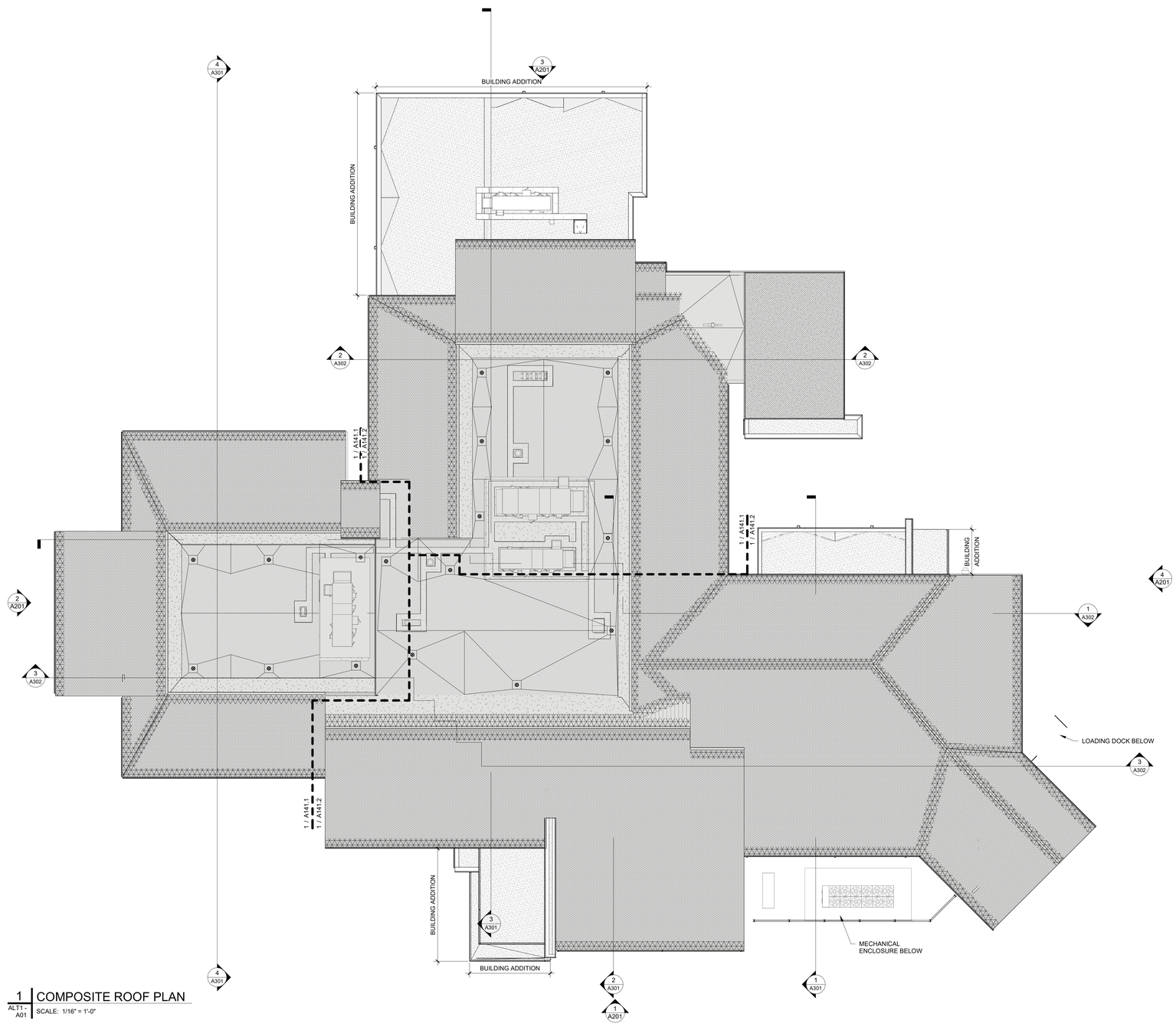


Drawing Title:
PARTIAL SECOND FLOOR FINISH PLAN - AREA B

Drawing Number:
A902.2

True Project

0' 2' 4' 8' 16' 24'



1 | ALT1 - A01 COMPOSITE ROOF PLAN

SCALE: 1/16" = 1'-0"

GENERAL ROOF NOTES

1. REVIEW ALL CONTRACT DOCUMENTS RELATING TO THE ROOF SYSTEM PRIOR TO BEGINNING WORK.
2. CERTIFY THAT ALL ROOFING AND SUBSTRATE MATERIALS ARE CHEMICALLY AND PHYSICALLY COMPATIBLE WITH EACH OTHER AND THE ROOFING SYSTEM.
3. GUARANTEE THAT THE ROOFING SYSTEM IS DESIGNED APPROPRIATELY TO BE CERTIFIED FOR THE REQUESTED WARRANTY PERIOD.
4. SHOW PROOF THAT THE ROOFING CONTRACTOR IS AN APPROVED APPLICATOR OF THE ROOFING SYSTEM TO BE INSTALLED.
5. PROVIDE CERTIFICATION FROM THE ROOFING MANUFACTURER THAT ALL MATERIALS USED IN ROOFING SYSTEMS ARE COVERED IN THE WARRANTY.
6. PROVIDE A DAILY REPORT TO THE ARCHITECT COVERING:
   - ROOF DECK CONDITIONS
   - LAYOUT AND ATTACHMENT OF INSULATION
   - WEATHER CONDITIONS
   - SIZE OF CREW
   - EQUIPMENT USED
7. INSTALL ALL ROOFING MATERIALS IN ACCORDANCE WITH ROOFING INDUSTRY RECOMMENDED STANDARDS AND PRACTICES.
8. VERIFY THE CONDITION OF THE ROOF DECK PRIOR TO BEGINNING WORK AND NOTIFY ARCHITECT OF ANY ADVERSE CONDITIONS REQUIRING ATTENTION.
9. PROVIDE PROPER COORDINATION AND APPLICATION OF FASTENERS TO ENSURE THAT NO FASTENER PROTRUDES THROUGH EXPOSED ROOF DECKING.
10. ROOF FASTENERS AT EXPOSED ACOUSTIC DECK AREAS SHALL NOT PENETRATE BOTTOM (EXPOSED SURFACE) OF THE DECK FLUTE. SEE REFLECTED CEILING PLANS FOR LOCATIONS.
11. CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER CONTRACTORS REGARDING LOCATION AND SEALING OF ROOF TOP PENETRATIONS.
12. ALL ROOF SLOPES NOTED ARE INDICATED BY ARROWS WHICH ARE DIRECTED DOWNWARD. FLAT ROOF SLOPES SHALL BE 1/4-INCH PER FOOT MINIMUM.
13. EXISTING (EXG) ROOF SLOPE VALUES ARE APPROXIMATIONS.
14. ALL PARAPET METAL COPING SHALL SLOPE DOWNWARD TO THE ROOF. SEE SECTIONS FOR EXACT CONSTRUCTION.
15. PROVIDE AND INSTALL TAPERED INSULATION TO ACHIEVE POSITIVE SLOPE (MIN 1/4"/1'-0") OF ROOF SURFACE TO DRAINS SCUPPERS AND GUTTERS.
16. SEE ARCHITECTURAL WALL SECTIONS AND ROOF DETAILS FOR ADDITIONAL DETAILS.
17. SEE MECHANICAL DRAWINGS FOR ROOF TOP EQUIPMENT LOCATIONS, CURBS, PENETRATIONS, AND REQUIREMENTS AND CURB DETAILS. PROVIDE GUSSETS AND CRICKETS AS REQUIRED AROUND ALL MECHANICAL ROOF TOP EQUIPMENT.
18. SEE PLUMBING DRAWING FOR VENT STACK LOCATIONS, AND PIPING OF ROOF BACK-UP OVERFLOW SCUPPERS AND DOWNSPOUTS.
19. ALL GUTTERS DISCHARGING ONTO LOWER ROOFS TO RECEIVE SPLASH BLOCKS ON 3X3 WALKWAY PAD BELOW DISCHARGING AREA.
20. ALL ROOF NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A MINIMUM FORCE OF 300 POUNDS PER LINEAR FOOT. REFER TO FACTORY MUTUAL DATA SHEET 1-49.
21. ROOFING VAPOR BARRIER SHALL BE SEALED AT ALL EDGES.
22. REFERENCE ROOFING SPECIFICATIONS FOR ENTIRE ROOF SYSTEM PERFORMANCE CRITERIA.
23. **ROOFING CONTRACTORS MUST USE MANUFACTURER'S STANDARD DETAILS FOR SELECTED ROOFING SYSTEM INSTALLATION AS REQUIRED, AT NO ADDITIONAL COST TO THE PROJECT.**

ROOF LEGEND

- SLOPE — INDICATES ROOF DOWN SLOPE
- WALKWAY PAD
- ICE AND WATER SHIELD
- AREAS OF EXISTING ROOFING TO BE REPLACED
- EXPANSION JOINTS
- METAL STANDING SEAM ROOFING
- SINGLE PLY ROOFING MEMBRANE
- SINGLE PLY ROOFING OVER TAPERED INSULATION

True Project

2" 8" 32"
0' 4' 16' 48'

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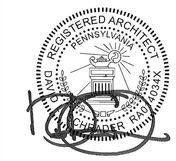

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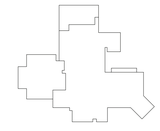
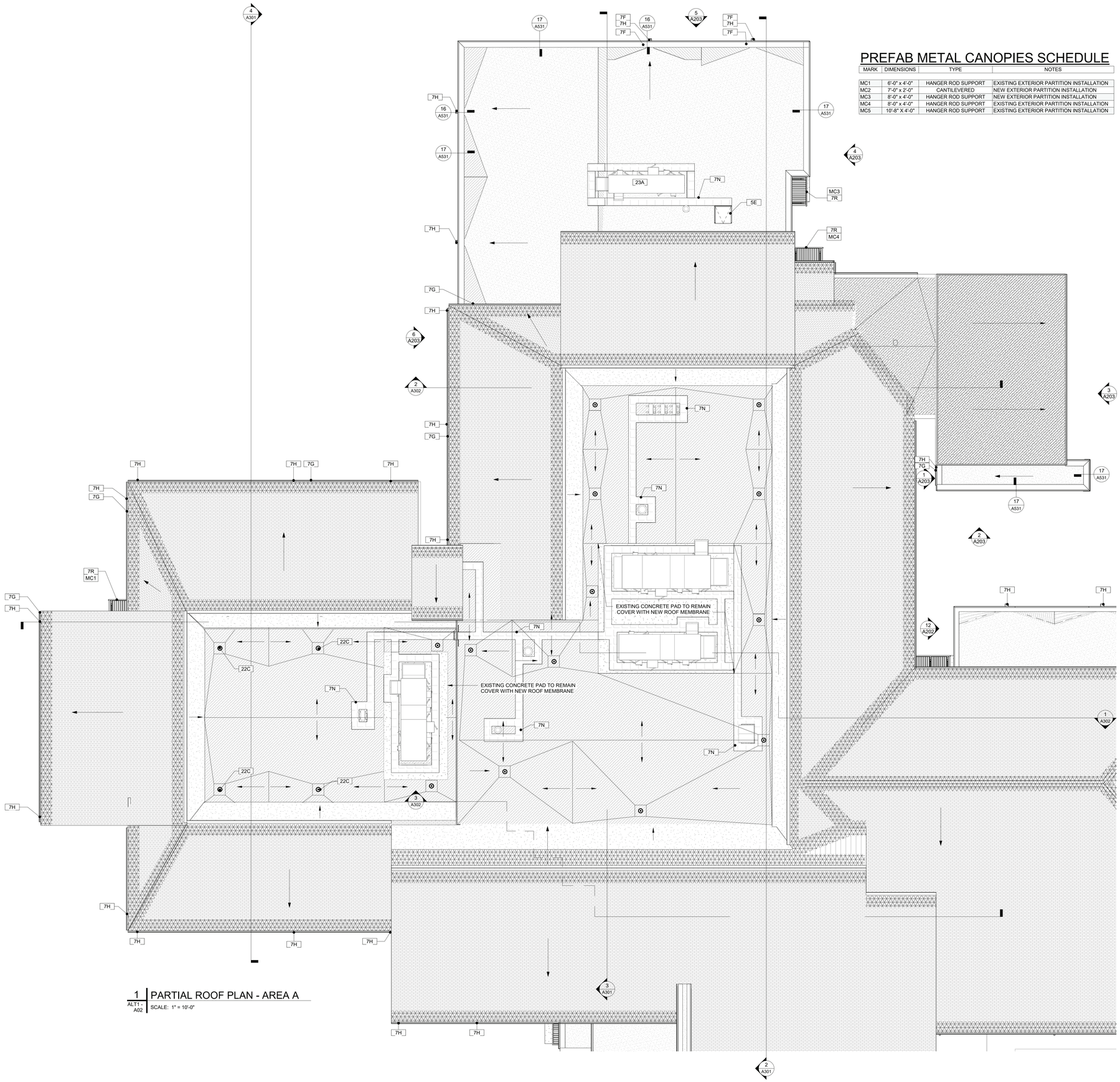
Key Plan:



Drawing Title:
COMPOSITE ROOF PLAN

Drawing Number:
ALT1 - A01



1 PARTIAL ROOF PLAN - AREA A
ALT1 - A02 SCALE: 1" = 10'-0"

PREFAB METAL CANOPIES SCHEDULE

MARK	DIMENSIONS	TYPE	NOTES
MC1	6'-0" x 4'-0"	HANGER ROD SUPPORT	EXISTING EXTERIOR PARTITION INSTALLATION
MC2	7'-0" x 2'-0"	CANTILEVERED	NEW EXTERIOR PARTITION INSTALLATION
MC3	8'-0" x 4'-0"	HANGER ROD SUPPORT	NEW EXTERIOR PARTITION INSTALLATION
MC4	8'-0" x 4'-0"	HANGER ROD SUPPORT	EXISTING EXTERIOR PARTITION INSTALLATION
MC5	10'-8" X 4'-0"	HANGER ROD SUPPORT	EXISTING EXTERIOR PARTITION INSTALLATION

GENERAL ROOF NOTES

1. REVIEW ALL CONTRACT DOCUMENTS RELATING TO THE ROOF SYSTEM PRIOR TO BEGINNING WORK.
2. CERTIFY THAT ALL ROOFING AND SUBSTRATE MATERIALS ARE CHEMICALLY AND PHYSICALLY COMPATIBLE WITH EACH OTHER AND THE ROOFING SYSTEM.
3. GUARANTEE THAT THE ROOFING SYSTEM IS DESIGNED APPROPRIATELY TO BE CERTIFIED FOR THE REQUESTED WARRANTY PERIOD.
4. SHOW PROOF THAT THE ROOFING CONTRACTOR IS AN APPROVED APPLICATOR OF THE ROOFING SYSTEM TO BE INSTALLED.
5. PROVIDE CERTIFICATION FROM THE ROOFING MANUFACTURER THAT ALL MATERIALS USED IN ROOFING SYSTEMS ARE COVERED IN THE WARRANTY.
6. PROVIDE A DAILY REPORT TO THE ARCHITECT COVERING:
   - ROOF DECK CONDITIONS
   - LAYOUT AND ATTACHMENT OF INSULATION
   - WEATHER CONDITIONS
   - SIZE OF CREW
   - EQUIPMENT USED
7. INSTALL ALL ROOFING MATERIALS IN ACCORDANCE WITH ROOFING INDUSTRY RECOMMENDED STANDARDS AND PRACTICES.
8. VERIFY THE CONDITION OF THE ROOF DECK PRIOR TO BEGINNING WORK AND NOTIFY ARCHITECT OF ANY ADVERSE CONDITIONS REQUIRING ATTENTION.
9. PROVIDE PROPER COORDINATION AND APPLICATION OF FASTENERS TO ENSURE THAT NO FASTENER PROTRUDES THROUGH EXPOSED ROOF DECKING.
10. ROOF FASTENERS AT EXPOSED ACOUSTIC DECK AREAS SHALL NOT PENETRATE BOTTOM (EXPOSED SURFACE) OF THE DECK FLUTE. SEE REFLECTED CEILING PLANS FOR LOCATIONS.
11. CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER CONTRACTORS REGARDING LOCATION AND SEALING OF ROOF TOP PENETRATIONS.
12. ALL ROOF SLOPES NOTED ARE INDICATED BY ARROWS WHICH ARE DIRECTED DOWNWARD. FLAT ROOF SLOPES SHALL BE 1/4-INCH PER FOOT MINIMUM.
13. EXISTING (EXG) ROOF SLOPE VALUES ARE APPROXIMATIONS.
14. ALL PARAPET METAL COPING SHALL SLOPE DOWNWARD TO THE ROOF. SEE SECTIONS FOR EXACT CONSTRUCTION.
15. PROVIDE AND INSTALL TAPERED INSULATION TO ACHIEVE POSITIVE SLOPE (MIN 1/4"/1'-0") OF ROOF SURFACE TO DRAINS SCUPPERS AND GUTTERS.
16. SEE ARCHITECTURAL WALL SECTIONS AND ROOF DETAILS FOR ADDITIONAL DETAILS.
17. SEE MECHANICAL DRAWINGS FOR ROOF TOP EQUIPMENT LOCATIONS, CURBS, PENETRATIONS, AND REQUIREMENTS AND CURB DETAILS. PROVIDE GUSSETS AND CRICKETS AS REQUIRED AROUND ALL MECHANICAL ROOF TOP EQUIPMENT.
18. SEE PLUMBING DRAWING FOR VENT STACK LOCATIONS, AND PIPING OF ROOF BACK-UP OVERFLOW SCUPPERS AND DOWNSPOUTS.
19. ALL GUTTERS DISCHARGING ONTO LOWER ROOFS TO RECEIVE SPLASH BLOCKS ON 3X3 WALKWAY PAD BELOW DISCHARGING AREA.
20. ALL ROOF NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A MINIMUM FORCE OF 300 POUNDS PER LINEAR FOOT. REFER TO FACTORY MUTUAL DATA SHEET 1-49.
21. ROOFING VAPOR BARRIER SHALL BE SEALED AT ALL EDGES.
22. REFERENCE ROOFING SPECIFICATIONS FOR ENTIRE ROOF SYSTEM PERFORMANCE CRITERIA.
23. **ROOFING CONTRACTORS MUST USE MANUFACTURER'S STANDARD DETAILS FOR SELECTED ROOFING SYSTEM INSTALLATION AS REQUIRED, AT NO ADDITIONAL COST TO THE PROJECT.**

ROOF LEGEND

- SLOPE — INDICATES ROOF DOWN SLOPE
- WALKWAY PAD
- ICE AND WATER SHIELD
- AREAS OF EXISTING ROOFING TO BE REPLACED
- EXPANSION JOINTS
- METAL STANDING SEAM ROOFING
- SINGLE PLY ROOFING MEMBRANE
- SINGLE PLY ROOFING OVER TAPERED INSULATION

KEYNOTE SCHEDULE

#	DESCRIPTION
5E	ROOF HATCH WITH SAFETY RAILING SYSTEM
7F	ALUMINUM SCUPPER, PRE-FINISHED (BY RC)
7G	ALUMINUM 8" SMACNA "F" STYLE BOX GUTTER (BY RC)
7H	ALUMINUM 4"X4" DOWNSPOUT, PRE-FINISHED (BY RC)
7N	MEMBRANE REINFORCED WALKWAY (BY RC)
7R	PREFABRICATED METAL CANOPY ASSEMBLY
22C	ROOF DRAIN (BP PC)
23A	MECHANICAL ROOF TOP UNIT (BY MC) SEE MECH DWGS

True Project

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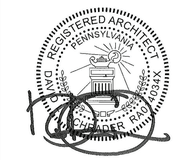

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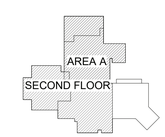
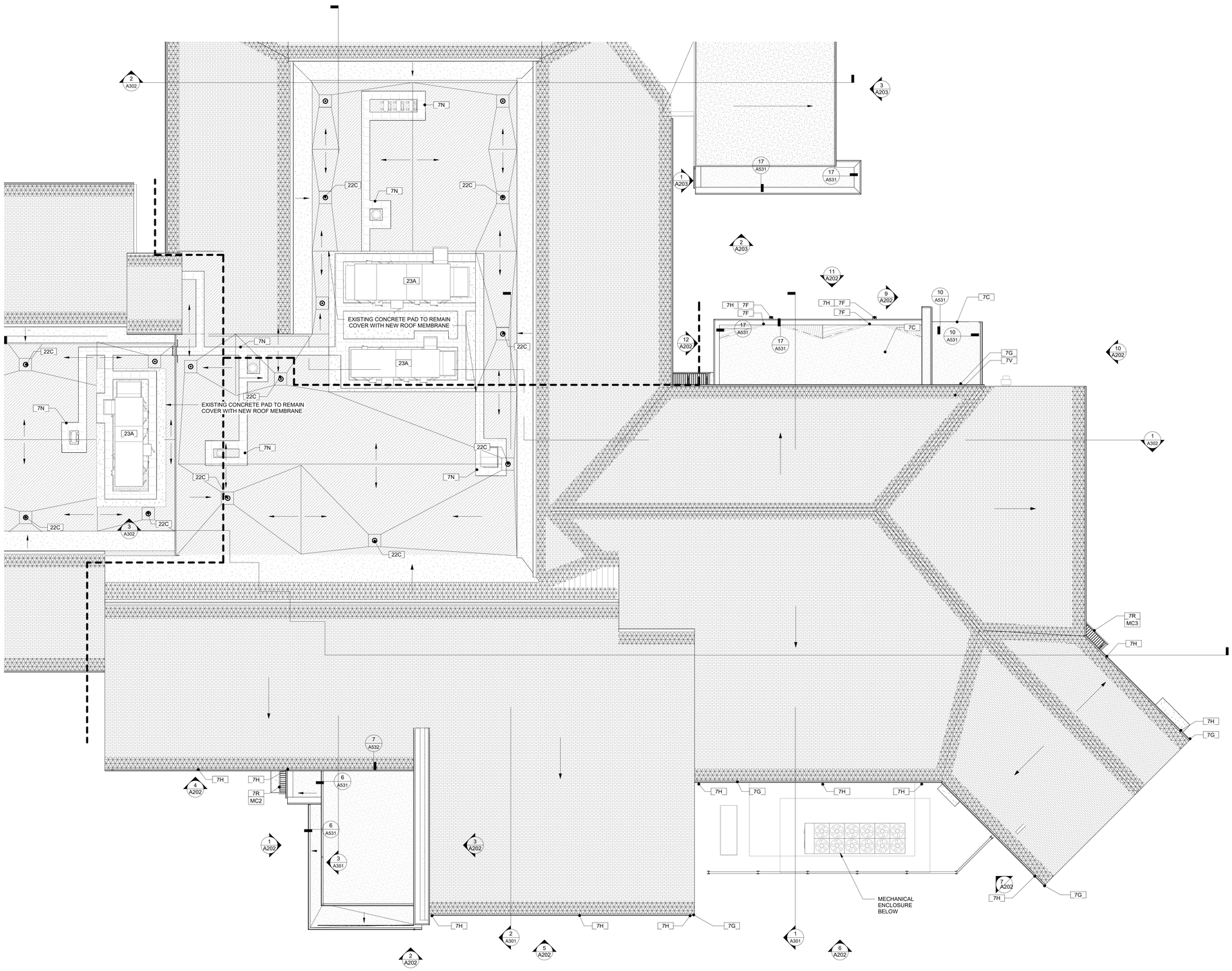
Key Plan:



Drawing Title:
PARTIAL ROOF PLAN - AREA A

Drawing Number:
ALT1 - A02



1 | ALT1 - A03 PARTIAL ROOF PLAN - AREA B

SCALE: 1" = 10'-0"

GENERAL ROOF NOTES

1. REVIEW ALL CONTRACT DOCUMENTS RELATING TO THE ROOF SYSTEM PRIOR TO BEGINNING WORK.
2. CERTIFY THAT ALL ROOFING AND SUBSTRATE MATERIALS ARE CHEMICALLY AND PHYSICALLY COMPATIBLE WITH EACH OTHER AND THE ROOFING SYSTEM.
3. GUARANTEE THAT THE ROOFING SYSTEM IS DESIGNED APPROPRIATELY TO BE CERTIFIED FOR THE REQUESTED WARRANTY PERIOD.
4. SHOW PROOF THAT THE ROOFING CONTRACTOR IS AN APPROVED APPLICATOR OF THE ROOFING SYSTEM TO BE INSTALLED.
5. PROVIDE CERTIFICATION FROM THE ROOFING MANUFACTURER THAT ALL MATERIALS USED IN ROOFING SYSTEMS ARE COVERED IN THE WARRANTY.
6. PROVIDE A DAILY REPORT TO THE ARCHITECT COVERING:
   - ROOF DECK CONDITIONS
   - LAYOUT AND ATTACHMENT OF INSULATION
   - WEATHER CONDITIONS
   - SIZE OF CREW
   - EQUIPMENT USED
7. INSTALL ALL ROOFING MATERIALS IN ACCORDANCE WITH ROOFING INDUSTRY RECOMMENDED STANDARDS AND PRACTICES.
8. VERIFY THE CONDITION OF THE ROOF DECK PRIOR TO BEGINNING WORK AND NOTIFY ARCHITECT OF ANY ADVERSE CONDITIONS REQUIRING ATTENTION.
9. PROVIDE PROPER COORDINATION AND APPLICATION OF FASTENERS TO ENSURE THAT NO FASTENER PROTRUDES THROUGH EXPOSED ROOF DECKING.
10. ROOF FASTENERS AT EXPOSED ACOUSTIC DECK AREAS SHALL NOT PENETRATE BOTTOM (EXPOSED SURFACE) OF THE DECK FLUTE. SEE REFLECTED CEILING PLANS FOR LOCATIONS.
11. CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER CONTRACTORS REGARDING LOCATION AND SEALING OF ROOF TOP PENETRATIONS.
12. ALL ROOF SLOPES NOTED ARE INDICATED BY ARROWS WHICH ARE DIRECTED DOWNWARD. FLAT ROOF SLOPES SHALL BE 1/4-INCH PER FOOT MINIMUM.
13. EXISTING (EXG) ROOF SLOPE VALUES ARE APPROXIMATIONS.
14. ALL PARAPET METAL COPING SHALL SLOPE DOWNWARD TO THE ROOF. SEE SECTIONS FOR EXACT CONSTRUCTION.
15. PROVIDE AND INSTALL TAPERED INSULATION TO ACHIEVE POSITIVE SLOPE (MIN 1/4"/1'-0") OF ROOF SURFACE TO DRAINS SCUPPERS AND GUTTERS.
16. SEE ARCHITECTURAL WALL SECTIONS AND ROOF DETAILS FOR ADDITIONAL DETAILS.
17. SEE MECHANICAL DRAWINGS FOR ROOF TOP EQUIPMENT LOCATIONS, CURBS, PENETRATIONS, AND REQUIREMENTS AND CURB DETAILS. PROVIDE GUSSETS AND CRICKETS AS REQUIRED AROUND ALL MECHANICAL ROOF TOP EQUIPMENT.
18. SEE PLUMBING DRAWING FOR VENT STACK LOCATIONS, AND PIPING OF ROOF BACK-UP OVERFLOW SCUPPERS AND DOWNSPOUTS.
19. ALL GUTTERS DISCHARGING ONTO LOWER ROOFS TO RECEIVE SPLASH BLOCKS ON 3X3 WALKWAY PAD BELOW DISCHARGING AREA.
20. ALL ROOF NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A MINIMUM FORCE OF 300 POUNDS PER LINEAR FOOT. REFER TO FACTORY MUTUAL DATA SHEET 1-49.
21. ROOFING VAPOR BARRIER SHALL BE SEALED AT ALL EDGES.
22. REFERENCE ROOFING SPECIFICATIONS FOR ENTIRE ROOF SYSTEM PERFORMANCE CRITERIA.
23. **ROOFING CONTRACTORS MUST USE MANUFACTURER'S STANDARD DETAILS FOR SELECTED ROOFING SYSTEM INSTALLATION AS REQUIRED, AT NO ADDITIONAL COST TO THE PROJECT.**

ROOF LEGEND

- SLOPE — INDICATES ROOF DOWN SLOPE
- WALKWAY PAD
- ICE AND WATER SHIELD
- AREAS OF EXISTING ROOFING TO BE REPLACED
- EXPANSION JOINTS
- METAL STANDING SEAM ROOFING
- SINGLE PLY ROOFING MEMBRANE
- SINGLE PLY ROOFING OVER TAPERED INSULATION

KEYNOTE SCHEDULE

#	DESCRIPTION
7C	ALUMINUM FASCIA SYSTEM, PRE-FINISHED
7F	ALUMINUM SCUPPER, PRE-FINISHED (BY RC)
7G	ALUMINUM 8" SMACNA "F" STYLE BOX GUTTER (BY RC)
7H	ALUMINUM 4"X4" DOWNSPOUT, PRE-FINISHED (BY RC)
7N	MEMBRANE REINFORCED WALKWAY (BY RC)
7R	PREFABRICATED METAL CANOPY ASSEMBLY
7V	RIDGE VENT
22C	ROOF DRAIN (BP PC)
23A	MECHANICAL ROOF TOP UNIT (BY MC) SEE MECH DWGS

True Project

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Owner:
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782 Springdale Drive, Exton, PA 19341

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	GC REBID	12/03/2024

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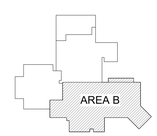
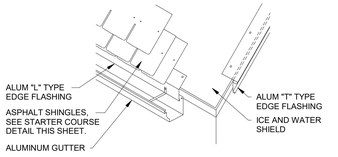
SGA PROJECT NUMBER: 23-029

Key Plan:

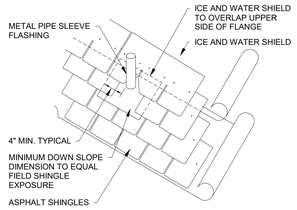


Drawing Title:
PARTIAL ROOF PLAN - AREA B

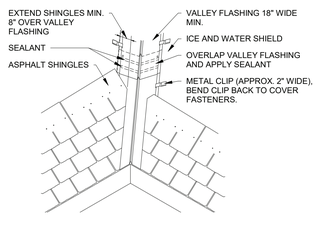
Drawing Number:
ALT1 - A03



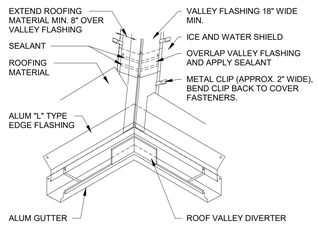
EAVE AND RAKE FLASHING WITH GUTTER



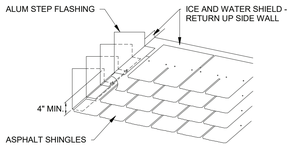
PIPE PENETRATION DETAIL



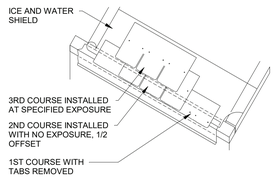
RIDGE DETAIL



RIDGE VENT DETAIL



SIDE WALL FLASHING DETAIL



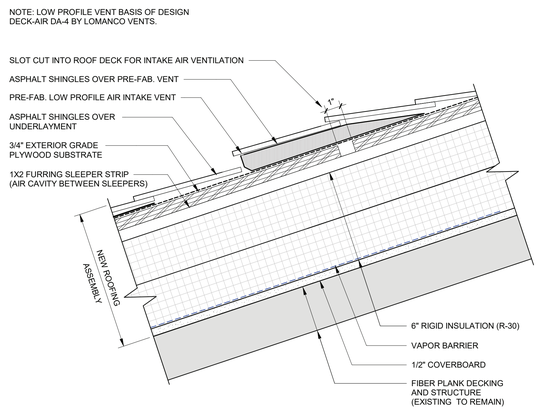
STARTER COURSE APPLICATION

VALLEY FLASHING DETAIL

VALLEY FLASHING DETAIL W/ DIVERTER

ALTERNATE - TYP ASPHALT SHINGLE DETAILS

SCALE: 6" = 1'-0"



2 ALT1 - A04 ALTERNATE - ASPHALT SHINGLE - LOW PROFILE AIR VENT

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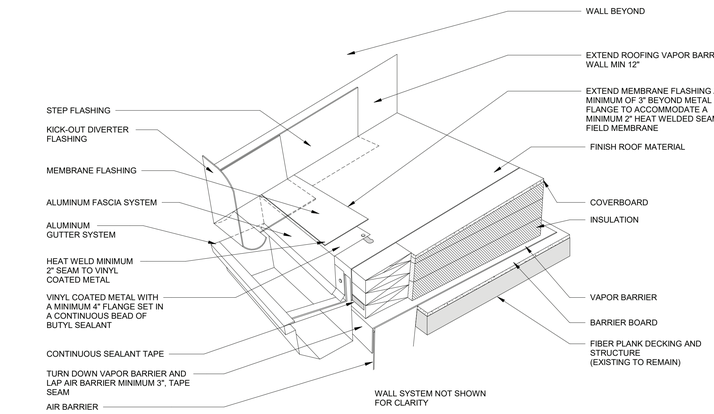

1 ALT1 - A04 SINGLE PLY ROOF GUTTER DETAIL

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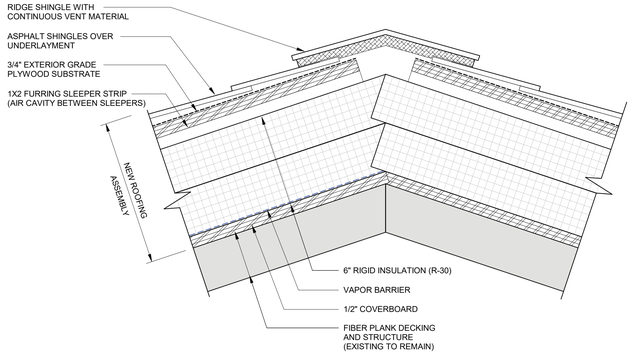

3 ALT1 - A04 ALTERNATE - ASPHALT SHINGLE - RIDGE DETAIL

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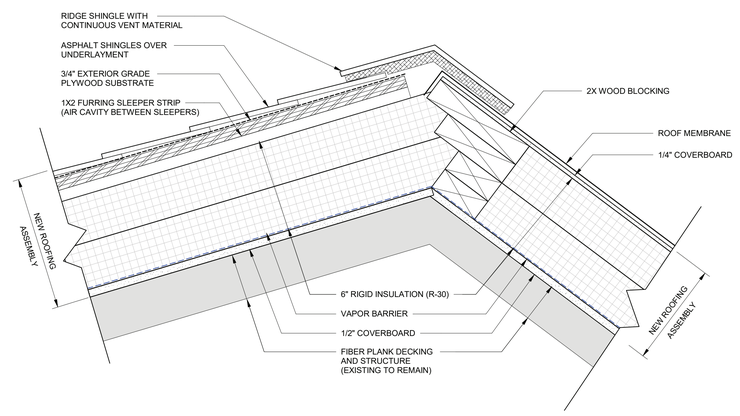

4 ALT1 - A04 ALTERNATE - ASPHALT SHINGLE - RIDGE VENT AT MEMBRANE

SCALE: 3" = 1'-0"

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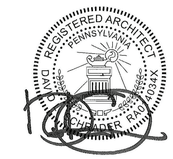

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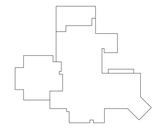

Drawing Title:
ROOF DETAILS - ALTERNATE

Drawing Number:
ALT1 - A04