CENTER FOR STUDENT LEARNING CHARTER SCHOOL AT PENNSBURY

345 Lakeside Drive
Levittown, PA 19054

2026-10-05 | BID ISSUE

CLIENT
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Levittown, PA 19054
215-269-7390

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10/17/2025 7:44:18 PM
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SCHEDULE OF ALTERNATES

1. **Alternate 1:**
   A. Base Bid: Existing exterior of building, outside of area of work, to remain as is.
   B. Alternate: Paint entire existing exterior of building. Include masonry, and other existing painted surfaces such as doors, door frames, window frames, stucco and trim.
2. **Alternate 2:**
   A. Base Bid: Existing plumbing fixtures to remain as documented
   B. Alternate: Replace all existing plumbing fixtures in existing restrooms in kind. Future locations and all accessories to remain.

CEILING LEGEND

0'-0" / ABC 1	CEILING HEIGHT / CEILING TYPE
	SUSPENSION GRID & 2' X 2' LAY-IN ACOUSTIC CEILING TILE
	SUSPENSION GRID & 2' X 4' LAY-IN ACOUSTIC CEILING TILE
	GWB SOFFIT OR CEILING
	2X2 SURFACE LIGHT FIXTURE
	2X4 SURFACE LIGHT FIXTURE
	1X4 SURFACE LIGHT FIXTURE
	4' SURFACE MOUNT LINEAR LIGHT FIXTURE
	SURFACE MOUNTED
	RECESSED DOWNLIGHT
	2X2 RECESSED LIGHT FIXTURE
	2X4 RECESSED LIGHT FIXTURE
	1X4 RECESSED LIGHT FIXTURE
	TRACK LIGHTING FIXTURE
	WALL SCONCE
	PENDANT MOUNTED LINEAR
	WALL MOUNTED EMERGENCY LIGHTING
	SUPPLY AIR DIFFUSER
	DIRECTIONAL SUPPLY AIR DIFFUSER
	LINEAR SLOT DIFFUSER
	RETURN AIR DIFFUSER
	SPRINKLER HEAD
	EXIT SIGN - WALL MOUNTED ILLUMINATED SINGLE & DOUBLE FACE DIRECTIONAL ARROWS AS INDICATED
	EXIT SIGN - CEILING MOUNTED ILLUMINATED SINGLE & DOUBLE FACE DIRECTIONAL ARROWS AS INDICATED
SD	CEILING MOUNTED SMOKE DETECTOR
FA	FIRE ALARM SPEAKERS
S	PA SPEAKER
WP	START OF CONSTRUCTION/CEILING WORK POINT

POWER AND COMM. LEGEND

FIRE SAFETY

FEC	FEC (FIRE EXTINGUISHER CABINET)
FE	FE (FIRE EXTINGUISHER - WALL MOUNTED)

ELECTRONIC HARDWARE

H	HOLD OPEN
ML	MAGNETIC LOCK (SEE HARDWARE SCHEDULE)
EL	ELECTRIC LOCKSET (SEE HARDWARE SCHEDULE)
ES	ELECTRIC STRIKE (SEE HARDWARE SCHEDULE)
DC	DOOR CONTACTS
CR	CARD READER

ARCHITECTURAL LEGEND

ROOM NAME 101	ROOM IDENTIFICATION
101B	DOOR IDENTIFICATION
1 AXXX	ENLARGED PLAN OR DETAIL MARK
1 XXX 1	MULTIPLE ELEVATION REFERENCE
1 AXXX	ELEVATION REFERENCE
AXXX	SECTION REFERENCE
WP	WORKING POINT OR DATUM
XXXX	PARTITION TYPE
XX XX	COLUMN GRID
PLAN NORTH / PLAN NORTH	NORTH ARROW
100.5'	SPOT ELEVATION TAG
P-1	FINISH TAG
X.XX	PLUMBING FIXTURE TAG
XXX	EQUIPMENT TAG
	FINISH FLOOR ELEVATION TAG
1	WINDOW TAG
	EXISTING CONSTRUCTION
	DEMOLISH; REMOVE CONSTRUCTION
	NEW CONSTRUCTION
	BUILT-IN CASEWORK
	SOFFIT, OPEN ABOVE
	REMOVE DOOR, FRAME, & HARDWARE

MATERIALS LEGEND (VIEWED IN SECTION)

EARTH, UNDISTRUBED	PLYWOOD
EARTH, COMPACTED FILL	PARTICLE BOARD
CRUSHED ROCK GRAVEL	SOLID SURFACE
CONCRETE, CAST STONE (SECTION OR ELEVATION)	STONE (MARBLE/GRANITE)
CONCRETE MASONRY	WOOD BLOCKING OR SHIM
BRICK	WOOD FRAMING, CONTINUOUS
RIGID INSULATION	STEEL
PLASTER OR GYPSUM BOARD (SECTION OR ELEVATION)	
SOLID WOOD (SECTION OR ELEVATION)	

ABBREVIATIONS

ACOUSTIC	ACST
ACOUSTIC TILE	ACT
ABOVE FINISHED FLOOR	AFF
ADJACENT	ADJ
ADJUSTABLE	ADJST
ALUMINUM	AL OR ALUM
ARCHITECT, ARCHITECTURAL	ARCH
BOARD	BD
BOTTOM OF	B.O. (BOT. OF)
BUILDING	BLDG
CABINET	CAB
CARPET	CPT
CEILING	CLG
CEILING JOIST	C.J.
CENTER LINE	CL OR C
CLEAR	CLR
COLD WATER	CW
COLUMN	COL
CONCRETE	CONC
CONCRETE MASONRY UNIT	CMU
CONSTRUCTION	CONST
CONTINUOUS	CONT
CUBIC FEET	CU FT
DEMOLITION	DEMO
DIAMETER	DIA
DIMENSION	DIM
DOWN	DN
DRAWING	DWG
EACH	EA
ELECTRIC	ELEC
ELECTRIC WATER COOLER	EWC
EQUIPMENT	EQUIP
ESTIMATE	EST
EXISTING	EXIST
FEET, FOO	' OR FT
FINISH	FIN
FINISH FLOOR	F.F.
FIRE EXTINGUISHER	F.E.
FIRE EXTINGUISHER CABINET	F.E.C.
FIRE RETARDANT TREATED	F.R.T.
FLUORESCENT	FLUOR
FURNITURE	FURN
GAUGE	GA
GENERAL CONTRACTOR	G.C.
GLASS	GL
GYPSUM WALL BOARD	GWB
HARDWARE	HDW
HEIGHT	HT OR HGT
HOLLOW CORE WOOD	HCW
HOLLOW METAL	HM
HECKENDORN SHILES ARCHITECTS	HSA
HORIZONTAL	HORIZ
HOT WATER	HW
INCH	" OR IN
INSULATION	INSUL
INTERIOR	INT
JUNCTION BOX	J OR JB
LAVATORY	LAV
MANUFACTURER	MFR
MASONRY OPENING	MO
MAXIMUM	MAX
MECHANICAL	MECH
METAL	MTL
MINIMUM	MIN
MISCELLANEOUS	MISC
MOUNTING	MTG
NOMINAL	NOM
NOT IN CONTRACT	NIC
NOT TO SCALE	NTS
OPPOSITE	OPP
PAINT, PAINTED	PT, PTD
PLASTIC LAMINATE	PLAM
PLYWOOD	PWD
QUANTITY	QTY
QUARRY TILE	QT
RADIUS	R
REFERENCE	REF
REINFORCE	REINF
REQUIRED	REQD
REVISION (REVISED)	REV(D)
ROOM	RM
ROUGH OPENING	RO
RAIN WATER CONDUCTOR	RWC
SIMILAR	SIM
SOLID CORE	SC
SPECIFICATIONS	SPECS
SQUARE FEET	SF OR DQ. FT.
SQUARE INCHES	SQ. IN.
STAINLESS STEEL	S.S.
STANDARD	STD
STEEL	STL
SUSPENDED	SUSP
SYSTEM	SYS
TELEPHONE	TEL
TOP OF	T.O.
TYPICAL	TYP
UNLESS NOTED OTHERWISE	UNO
VALUE ENGINEERING	VE
VERIFY IN THE FIELD	VIF
VERTICAL	VERT
VINYL COMPOSITION TILE	VCT
VINYL WALLCOVERING	VWC
WATER CLOSET	WC
WEIGHT	WT
WIDTH	W
WITH	W/
WITHOUT	W/O
WOOD	WD
WORK POINT	WP
YARD	YD

DEMOLITION GENERAL NOTES

1. THESE DRAWINGS ARE MEANT TO OUTLINE GENERAL SCOPE OF DEMOLITION FOR THE CONTRACTOR. THE SPECIFIC AREAS, ITEMS, DETAILS, MATERIALS, ETC. OF DEMOLITION WILL BE A RESULT OF FIELD CONDITIONS. THE INTENT IS THAT ALL DEMOLITION REQUIRED TO PROPERLY CONSTRUCT THIS PROJECT IS THE RESPONSIBILITY OF THE PRIME CONTRACTOR. THE CONTRACTOR WILL INSURE THAT THE EXIST. BUILDING RETAINS STRUCTURAL INTEGRITY AND REMAINS WATER AND WEATHER TIGHT DURING THE DEMOLITION AND CONSTRUCTION PHASES OF THE WORK.
2. CONTRACTOR MUST REVIEW NEW WORK INDICATED IN 'A' SERIES DRAWINGS AND COORDINATE DEMOLITION WORK WITH NEW WORK.
3. CONTRACTOR MUST COORDINATE ALL ARCHITECTURAL DEMOLITION WITH MECHANICAL/ELECTRICAL/PLUMBING/FIRE PROTECTION DEMOLITION WORK AS SHOWN ON 'M', 'P', 'E', 'FP' SERIES DRAWINGS. THE PRIME CONTRACTORS WILL BE RESPONSIBLE FOR THE CONTINUOUS INTERNAL UTILITIES DISTRIBUTION INCLUDING BUT NOT LIMITED TO THE WATER & ELECTRICAL DISTRIBUTION SYSTEMS.
4. CONTRACTOR MUST COORDINATE ALL ARCHITECTURAL DEMOLITION WITH STRUCTURAL DEMOLITION WORK AS SHOWN ON 'S' SERIES DRAWINGS.
5. CONTRACTOR MUST COORDINATE ALL ARCHITECTURAL DEMOLITION WITH SITE/ CIVIL DEMOLITION WORK AS SHOWN ON SITE/ CIVIL DRAWINGS.
6. CONTRACTOR MUST COORDINATE COURSE OF DEMOLITION WORK WITH OVERALL CONSTRUCTION SCHEDULE.
7. CAREFULLY COORDINATE ALL DEMOLITION WORK WITH EXIST. CONSTRUCTION TO REMAIN. ANY EXIST. CONSTRUCTION TO REMAIN THAT IS DAMAGED BY DEMOLITION SHALL BE REPAIRED/REPLACED TO MATCH ORIGINAL CONDITION. SEE SPECIFICATIONS FOR CLARIFICATION OF RESPONSIBILITY.
8. ALL CONTRACTORS ARE RESPONSIBLE TO PATCH/REPAIR ALL FINISH SURFACES AFFECTED BY DEMOLITION WORK. SEE THE GENERAL REQUIREMENTS SECTIONS OF THE SPECIFICATION.
9. ALL CONTRACTORS SHALL COORDINATE, PRIOR TO ANY DEMOLITION, WHAT MATERIALS OR ITEMS OF EQUIPMENT ARE TO BE RETAINED BY THE OWNER. ALL OTHER DISMANTLED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PREMISES ACCORDING TO ALL APPLICABLE CODES.
10. CARE SHOULD BE TAKEN TO AVOID DISTURBING ANY SYSTEM LINES WHICH ARE TO REMAIN. PRIOR TO THE START OF CONSTRUCTION, GENERAL CONTRACTOR MUST COORDINATE W/ ELECTRICAL CONTRACTOR WHICH LINES ARE TO REMAIN IN SERVICE.
11. **GENERAL CONTRACTOR MUST CAREFULLY COORDINATE DEMOLITION OF EXTERIOR WALLS WITH THE INTENT OF THE NEW CONSTRUCTION. ALL FOOTINGS AND STRUCTURAL MEMBERS SHALL REMAIN INTACT, UNLESS NOTED OTHERWISE. CONTRACTOR TO COORDINATE W/ STRUCTURAL DWGS.**
12. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
13. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING AND BRACING OF STRUCTURE PRIOR TO AND DURING DEMOLITION AND NEW CONSTRUCTION.
14. WHERE WALLS ARE INDICATED TO BE REMOVED, CONTRACTOR MUST FIELD VERIFY IF THE WALLS ARE STRUCTURAL BEARING WALLS. IF IT IS DETERMINED THAT THE WALLS TO BE REMOVED ARE BEARING, THE CONTRACTOR IS RESPONSIBLE TO PROVIDE TEMPORARY SUPPORT AT AREAS WHERE WALLS ARE TO BE REMOVED. IF THE CONTRACTOR CANNOT DETERMINE IF THE WALL IS BEARING, THE CONTRACTOR MUST CONTACT THE PROJECT STRUCTURAL ENGINEER FOR CLARIFICATION PRIOR TO COMMENCING WORK.

CONSTRUCTION GENERAL NOTES

1. ALL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH SPECIFICATIONS IN DETERMINING THE FULL PROJECT SCOPE.
2. **REFER TO MEP/FP DWGS FOR MECHANICAL, ELECTRICAL, PLUMBING & FIRE PROTECTION WORK.**
3. **REFER TO STRUCTURAL DWGS FOR STRUCTURAL WORK.**
4. **REFER TO SITE/ CIVIL DWGS FOR SITE/ CIVIL WORK.**
5. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN PARTITION LOCATIONS, DIMENSIONS AND TYPES. IN CASE OF CONFLICT, NOTIFY ARCHITECT FOR WRITTEN CLARIFICATIONS PRIOR TO PROCEEDING W/ CONSTRUCTION. CONSTRUCTION PLAN BY ARCHITECT SUPERCEDES OTHER PLANS.
6. DIMENSIONS MARKED "CLEAR" OR "CLR" SHALL BE MAINTAINED AND SHALL ALLOW FOR THICKNESS OF FINISHES INCLUDING CARPET, VCT, ETC. CONTRACTOR SHALL NOT ADJUST DIMENSIONS WITHOUT WRITTEN INSTRUCTIONS FROM THE ARCHITECT.
7. DIMENSIONS SHOWN AS "VIF" SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD BY LAYING OUT THE PARTITIONS. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCY IN DIMENSIONS PRIOR TO PROCEEDING WITH THE WORK IN THE AREA.
8. PARTITION CONSTRUCTION SHALL COMMENCE ONLY AFTER THE ARCHITECT HAS REVIEWED LAYOUT.
9. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND JOB CONDITIONS PRIOR TO STARTING WORK AND SHALL REPORT TO THE ARCHITECT ANY DISCREPANCIES OR OMISSIONS WHICH WOULD INTERFERE WITH SATISFACTORY COMPLETION OF WORK.
10. ALL BUILDING DEPARTMENT PERMITS SHALL BE OBTAINED PRIOR TO COMMENCEMENT OF WORK.
11. PROVIDE PORTABLE FIRE EXTINGUISHERS IN COMPLIANCE WITH INTERNATIONAL FIRE CODE SECTION 906
12. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
13. WORK SHALL BE IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL BUILDING CODES AND OTHER GOVERNING AGENCIES AND REGULATIONS.

SCOPE OF WORK AND CONTRACT GENERAL DESCRIPTION

CONTRACTOR DEFINITIONS:

1. General Contractor (GC): General Contractor responsible for performing all public bid work on the building, and site, excluding the items defined as owner's vendor other prime contractor responsibilities.
2. Mechanical Contractor (MC): Mechanical Contractor responsible for performing all public bid mechanical work on the building, excluding the items defined as owner's vendor other prime contractor responsibilities.
3. Electrical Contractor (EC): Electrical Contractor responsible for performing all public bid electrical work on the building and site, excluding the items defined as owner's vendor other prime contractor responsibilities.
4. Plumbing Contractor (PC): Plumbing Contractor responsible for performing all public bid plumbing and fire protection work on the building, excluding the items defined as owner's vendor other prime contractor responsibilities.
5. Furniture Vendor (FV): Owner's vendor hired through Cooperative Purchasing Program responsible for providing and installing all Furniture.

DRAWING LIST

REFER TO ENGINEERING COVER SHEETS FOR DRAWING LISTS.

NUMBER	SHEET NAME	2026-10-05 BID ISSUE
A000	GRAPHIC COVER SHEET	X
A001	ABBREVIATIONS, GENERAL NOTES, DRAWING LIST	X
A002	CODE ABSTRACT	X
A003	INTERIOR SIGNAGE PLAN	X
A004	CONSTRUCTION PHASING DIAGRAM	X
AD100	EXISTING CONDITIONS & DEMOLITION PLAN & ELEVATIONS	X
AD101	EXISTING CONDITIONS & DEMOLITION - ROOF PLAN	X
AD110	EXISTING CONDITIONS & DEMOLITION RCP - FIRST FLOOR	X
A101	NEW CONSTRUCTION FIRST FLOOR PLAN	X
A102	NEW CONSTRUCTION ROOF PLAN	X
A110	NEW CONSTRUCTION REFLECTED CEILING PLAN	X
A120	NEW CONSTRUCTION FINISH PLAN	X
A130	NEW CONSTRUCTION FIRST FLOOR SLAB EDGE PLAN	X
A200	NEW CONSTRUCTION ELEVATIONS	X
A210	NEW CONSTRUCTION ENLARGED ELEVATIONS	X
A300	BUILDING SECTIONS - N/S	X
A301	BUILDING SECTIONS - E/W	X
A310	WALL SECTIONS	X
A311	WALL SECTIONS	X
A400	ENLARGED PLAN & INTERIOR ELEVATIONS - LOBBY	X
A401	ENLARGED PLAN & INTERIOR ELEVATIONS - GYMNASIUM	X
A402	ENLARGED PLAN & INTERIOR ELEVATIONS - TYPICAL CLASSROOMS	X
A500	DETAILS - TRANSITIONS & CASEWORK	X
A501	DETAILS - INTERIOR OPENINGS	X
A502	DETAILS - EXTERIOR / COLUMN WRAPS	X
A503	DETAILS - EXTERIOR WINDOWS & DOORS	X
A504	DETAILS - ROOF	X
A505	DETAILS - ROOF / EIFS & EXPANSION JOINT	X
A600	SCHEDULES AND DIAGRAMS - PARTITIONS	X
A601	SCHEDULES AND DIAGRAMS - DOORS & FRAMES	X
A602	SCHEDULES AND DIAGRAMS - WINDOWS & INTERIOR STOREFRRONT	X
A603	SCHEDULES AND DIAGRAMS - FINISHES & ACCESSORIES & EQUIPMENT	X

REFER TO ENGINEERS' COVER SHEETS FOR DRAWING LISTS.

SITE LOCATION MAP

Lawrence Lake
Lawrence Ln
Lake Ln
Lawrence Ln
Lake Ln
Lake Ln
Lawrence Ln
Lawrence Ln
Lawrence

CODE ABSTRACT

Project Name:	CSL Charter School at Pennsbury	Jurisdiction:	Levittown, PA
Project Location:	345 Lakeside Drive	Applicable Code:	IEBC 2021, IBC 2021
Project Description:	A phased project consisting of new site work, Type IIB fully sprinklered addition and selective, alt-level 2 renovations to an existing Type VB unsprinklered building. A 2-hour fire barrier separates the existing building from the addition, creating two independent fire areas per IBC Section 707. Within the addition fire area, mixed occupancies are treated as nonseparated occupancies per IBC Section 508.3. Group A-3, as the more restrictive occupancy, governs allowable area, height, travel distance, and fire protection requirements for the entire fire area. The new addition fire area complies with 2021 IBC requirements as new construction. The existing fire area complies with IEBC Alteration Level 2 requirements. Retained portions of the existing building comply with applicable IEBC Level 2 alteration requirements.		

Chapter 3 & 4	Use and Occupancy Classification	Alt-2	Addition	Remarks
	Primary Use Group	Educational	Educational	508.3 Non Separated Occupancies
	More Restrictive Occupancy		Assembly A-3	
Chapter 5 & 6	**General Building Limitations**			**Remarks**
	Area Modifications			
	Allow. Area Factor	Existing	38,000	Table 506.2
	% increase for Frontage	0%	0%	506.3
	Total Allow./Floor		38,000	
	Provided/Floor		15,103	
	Total Allowable		38,000	
	Total Provided		15,103	
	Building Height Allowable	50 Feet, 1 story	75 feet, 3 stories	Table 504.3, 504.4
	Building Height Provided	Existing	26 feet, 1 stories	
	Construction Type	VB	IIB	Chapter 6 Section 602
Chapter 6,7,8, & 9	**Fire Protection**			**Remarks**
	VB, Combustible	**VB, Combustible**	**IIB, Non Combustible**	
	Required Ratings for Key Building Elements			
	Structural Frame	0	0	Equal to rated construction supported
	Bearing walls, Ext.	0	0	
	Bearing walls, Int.	0	0	
	Non-bearing walls, Ext	0	0	Not less than rating per Table 602
	Non-bearing walls, Int	0	0	
	Floor Construction	0	0	
	Roof Construction	0	0	
	Fire Barriers and Resistant Construction			
	Fire Walls	3	3	
	Fire Area Separation	3	2	
	Fire Barriers	3	2	
	Shaft Enclosure	3	1	
	Vertical Exit Enclosure	3	1	
	Exit Passageway	3	3	
	Horizontal Exit	3	3	
	Interior Finish	**Wall & Ceiling**	**Wall & Ceiling**	**Floor**
	Vertical Exits and Passageways	A	B	DOC, FF-1
	Exit Access corridors and other exitways	A	B	DOC, FF-1
	Rooms and enclosed spaces	A	C	DOC, FF-1
	Automatic Sprinkler System Not Provided	Existing Non Conformity	Provided	903.2.3 Addition fire area exceeds 12,000 SF
	Standpipe System Not Required Per 905.3			
	Manual Fire Detection System Not Required Per 907.2			
	Automatic Fire Detection System Not Required Per 907.2			
	Portable Fire Extinguishers Not Required Per 906.1			
Chapter 10	**Means of Egress**			**Remarks**
	Educational	20 net square feet per occupant	20 net square feet per occupant	
	Business	150 gross square feet per occupant	150 gross square feet per occupant	
	Assembly	N/A	7 net square feet per occupant	
	Allowable Educational Total Occupants/Floor (largest floor)	403	498	
	Actual Educational Total Occupants	320	220	Refer to First Floor Occupancy and Egress Plan
	Allowable Business Total Occupants/Floor (largest floor)	92	101	
	Actual Business Total Occupants	18	4	Refer to First Floor Occupancy and Egress Plan
	Allowable Assembly Total Occupants/Floor (largest floor)	495	1422 occ.	
	Actual Assembly Total Occupants	338	734 occ.	Refer to First Floor Occupancy and Egress Plan
	Total Allowable Building Occupants	990	2021 occ.	
	Total Actual Building Occupants	676	958 occ.	Refer to First Floor Occupancy and Egress Plan
	Means of Egress Required (1006)	2	3	
	Means of Egress Provided	4	4	
	Capacity Required: Stairway	N/A	N/A	
	Capacity Provided: Stairway	N/A	N/A	
	Min Width per Stairway	N/A	N/A	48 in. required to serve as accessible means of egress
	Stairway Width Provided	N/A	N/A	
	Capacity Required: Other Egress Components	99	199.95 in.	1005.3.2
	Capacity Provided: Other Egress Components	N/A	211.5 in.	Refer to First Floor Occupancy and Egress Plan
	Common Path of Egress Travel	75	75 feet	
	Exit Access Travel Distance	200	250 feet	Table 1017.2
	Min. Corridor Width	44	72in.	Corridor Width shall be as determined in 1005.1 but not less than required by 1020.2
	Max. Dead End Corridor	20	50 ft.	Dead-End corridors shall not be limited in length where the length is less than 2.5 times the least width of the dead-end corridor
Chapter 11	**Accessibility**		**Applicable Code: ANSI 117.1-2009, Building Complies with ANSI 117.1-2017**	
	Accessible Route and Entrances (1104,1105)			
	An accessible route shall connect all site access points and entrances as well as all required accessible spaces and floors within a building.			
	Accessible facilities (1109)			
	Accessible building features and facilities shall be provided in accordance with Sections 1109.2 through 1109.15.			
Chapter 29	**Plumbing Facilities**		**Applicable Code: International Plumbing Code**	
	Population: Male	202	202	largest floor
		160	160	total
	Population: Female	202	202	largest floor
		202	160	total
		Required Fixtures/Floor	Fixtures Provided/Floor	
	Male			
	Water Closets	5	7 (4 WC. + 3 Urinals)	IPC 2902.1.2
	Lavatories	5	6	
	Single Occupant, either sex		5 WC / 5 Lav	IPC 424.2
	Female			
	Water Closets	5	6	IPC 2902.1.2
	Lavatories	5	6	
	Bathtubs/Showers			
	Drinking Fountains	5	6	
	Other	1	1	

CODE ABSTRACT - ENERGY CONSERVATION CODE

Project Name:	CSL Charter School at Pennsbury	Jurisdiction:	Levittown, Tullytown Borough, 19054
Project Location:	345 Lakeside Drive	Applicable Codes:	IECC 2021
Envelope Description:	Designed and built using a masonry exterior wall with continuous insulation and a combination of masonry face veneer and fiber cement siding. The various roof systems of EPDM, asphalt shingles and modified bitumin will all have insulation above the roof deck. Fenestration will consist of insulated glass unites in thermally broken aluminum storefront along with translucent fiberglass sandwhich panel vertical and horizontal installations.		

Chapter 3	Climate Zones		Remarks
	Climate Zone; As per Figure 301.1 & Table 301.1	4A	Bucks County, Pennsylvania
Chapter 4	**Commercial Energy Efficiency**		**Remarks**
Section 402:Building Envelope Requirements			
	Table 402.1.3: Opaque Thermal Envelope insulation Component Minimum Requirements, R-Value Method		
	Roofs; Insulation entirely above roof deck	R-30ci	ci = Continuous insulation
	Walls, Above Grade; Mass	R-9.5ci	
	Walls, Above Grade; Metal framed	R-13 + R-7.5ci	
	Slab-on-Grade Floors; Unheated slabs	R-10	for 24" below
	Table 402.1.4: Opaque Thermal Envelope Assembly Maximum Requirements, U-Factor Method		
	Roofs; Insulation entirely above roof deck	U-0.032	
	Walls, Above Grade; Mass	U-0.104	
	Walls, Above Grade; Metal framed	U-0.064	
	Slab-on-Grade Floors; Unheated slabs	F-0.52	
	Opaque Doors; Swinging	U-0.37	
	Table 402.4: Building Envelope Fenestration Maximum U-Factor and SHGC Requirements		
	U-Factor		
	Fixed Fenestration	U-0.36	
	Operable Fenestration	U-0.45	
	Entrance Doors	U-0.63	
	SHGC		
	PF < 0.2	0.36	PF = Projection Factor
	0.2 ≤ PF < 0.5	0.4	
	PF ≥ 0.5	0.58	
	Skylights		
	U-Factor	0.5	
	SHGC	0.4	

FIRE BARRIER

1 HOUR

2 HOUR

OCCUPANCY AND EGRESS

EGRESS COMPONENT CAPACITY

DOOR NUMBER/LOCATION
OCCUPANT DISTRIBUTION
EGRESS CAPACITY

TRAVEL ORIGIN
PRIMARY EGRESS PATH
TRAVEL DISTANCE
POINT OF DECISION
SECONDARY EGRESS PATH
EXIT LOCATION

OCCUPANCY LEGEND

FUNCTION OF SPACE
OCCUPANT LOAD FACTOR
CALCULATED OCCUPANT LOAD
AREA (NET OR GROSS)

FUNCTION OF SPACE LEGEND

ACCESSORY
ACCESSORY, STORAGE
ASSEMBLY, CONCENTRATED
BUSINESS AREAS
EDUCATIONAL, CLASSROOM AREA

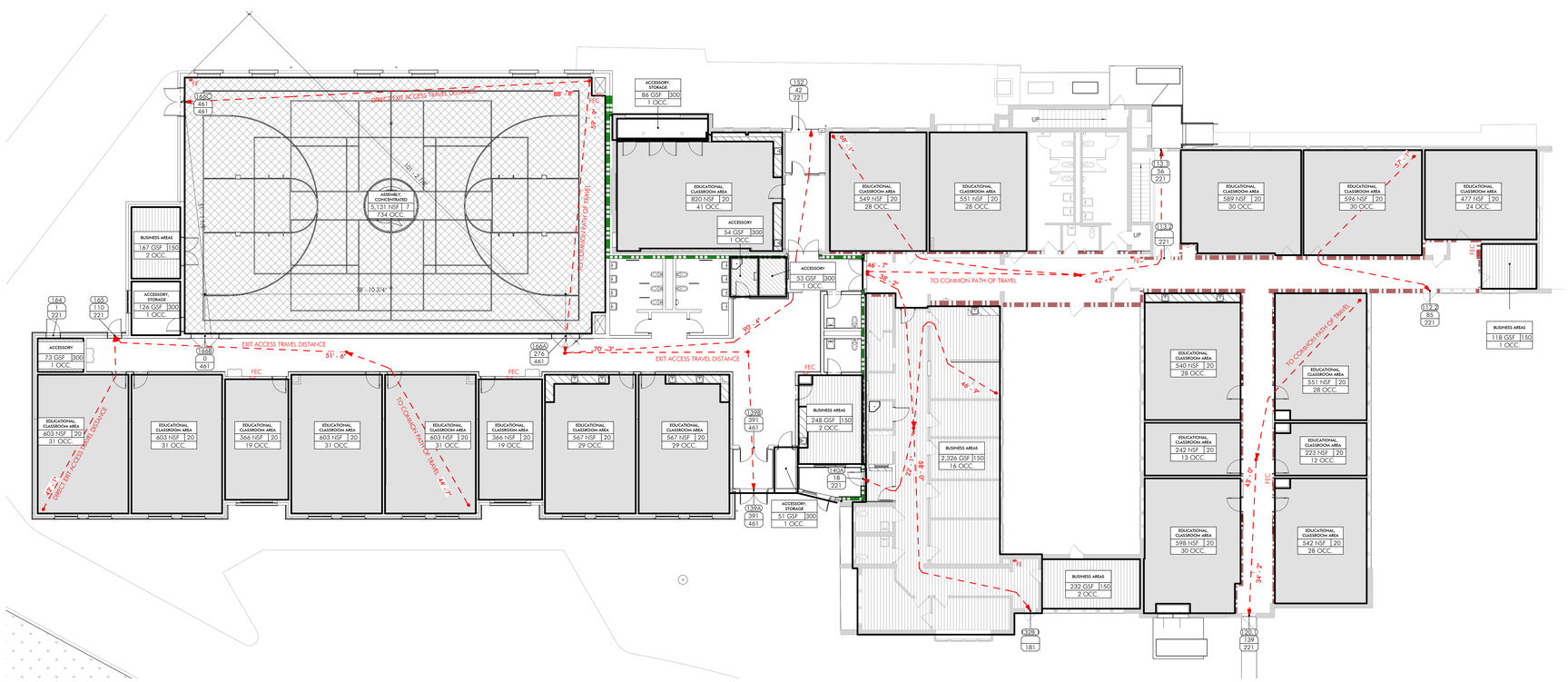
ADDITION OCCUPANCY SCHEDULE

FUNCTION OF SPACE (IBC 2021, TABLE 1004.5)	AREA (SF)	USE (IBC 2021, TABLE 1004.5)	OCCUPANT LOAD FACTOR (NSF OR GSF)	NUMBER OF OCCUPANTS
FIRST FLOOR				
ACCESSORY	181 SF	(none)	300	3
ACCESSORY, STORAGE	263 SF	<varies>	300	3
ASSEMBLY, CONCENTRATED	5,131 SF	Assembly without Fixed Seats - Concentrated (chairs only-not fixed)	7	734
BUSINESS AREAS	415 SF	Business Areas	150	4
EDUCATIONAL, CLASSROOM AREA	6,975 SF	Educational Classroom area	20	359
	12,964 SF			1,103
TOTAL BUILDING OCCUPANTS	12,964 SF			1,103

*PER IBC 2021, SECTION 303.1.1 ASSOCIATED WITH GROUP E OCCUPANCIES: A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES THAT IS ASSOCIATED WITH A GROUP E OCCUPANCY IS NOT CONSIDERED A SEPARATE OCCUPANCY.

EXISTING OCCUPANCY SCHEDULE

FUNCTION OF SPACE (IBC 2018, TABLE 1004.5)	AREA (SF)	USE (IBC 2021, TABLE 1004.5)	OCCUPANT LOAD FACTOR (NSF OR GSF)	NUMBER OF OCCUPANTS
FIRST FLOOR				
BUSINESS AREAS	2,676 SF	Business Areas	150	19
EDUCATIONAL, CLASSROOM AREA	5,739 SF	Educational Classroom area	20	292
	8,415 SF			311
TOTAL BUILDING OCCUPANTS	8,415 SF			311



1 A002 FIRST FLOOR OCCUPANCY AND EGRESS PLAN
3/32" = 1'-0"

CENTER FOR STUDENT LEARNING CHARTER SCHOOL AT PENNSBURY

345 Lakeside Drive
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HSA PROJECT #: 24-014

Heckendorn Shiles Architects

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CODE ABSTRACT

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Table 703.2.4—Visual Character Height

Height above Floor to Baseline of Character	Horizontal Viewing Distance	Minimum Character Height
40 inches (1015 mm) to less than or equal to 70 inches (1780 mm)	Less than 6 feet (1830 mm)	5/8 inch (16 mm)
	6 feet (1830 mm) and greater	5/8 inch (16 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 6 feet (1830 mm)
Greater than 70 inches (1780 mm) to less than or equal to 120 inches (3050 mm)	Less than 15 feet (4570 mm)	2 inches (51 mm)
	15 feet (4570 mm) and greater	2 inches (51 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 15 feet (4570 mm)
Greater than 120 inches (3050 mm)	Less than 21 feet (6400 mm)	3 inches (75 mm)
	21 feet (6400 mm) and greater	3 inches (76 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 21 feet (6400 mm)

Table 703.4.3— Braille Dimensions

Measurement range	Minimum in inches Maximum in inches
Dot base diameter	0.059 (1.5 mm) to 0.063 (1.6 mm)
Distance between two dots in the same cell	0.090 (2.3 mm) to 0.100 (2.5 mm)
Distance between corresponding dots in adjacent cells[1]	0.241 (6.1 mm) to 0.300 (7.6 mm)
Dot height	0.025 (0.6 mm) to 0.037 (0.9 mm)
Distance between corresponding dots from one cell directly below[1]	0.395 (10.0 mm) to 0.400 (10.2 mm)

[1]Measured center to center

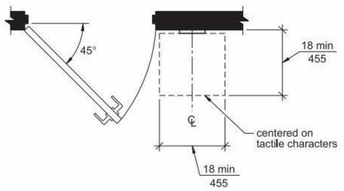


Fig. 703.3.11
Location of Tactile Signs at Doors

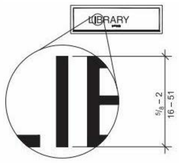


Fig. 703.3.5
Character Height

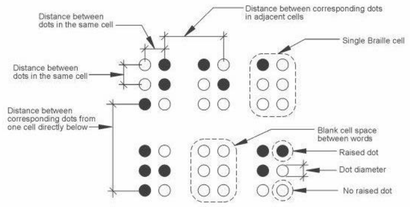


Fig. 703.4.3
Braille Measurement

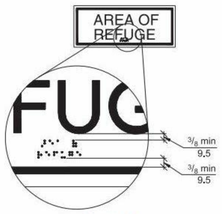
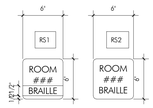


Fig. 703.4.4
Position of Braille



FONT:
MATCH
BULDING
STANDARD,
TBD

2 A003 INTERIOR ROOM SIGNAGE - RS-1, RS-2
1 1/2" = 1'-0"

INTERIOR ROOM SIGNAGE SCHEDULE

SIGN TAG	SIGN LABEL	REMARKS
E1	EXIT	EXIT
E4	EVACUATION MAP	EVACUATION MAP.
R1A	UNISEX RESTROOM - ACCESSIBLE	PROVIDE UNISEX RESTROOM SIGNAGE SHOWING HANDICAP ACCESSIBILITY
R1B	UNISEX RESTROOM	PROVIDE UNISEX RESTROOM SIGNAGE
R2A	MEN'S RESTROOM - ACCESSIBLE	PROVIDE STANDARD MEN'S RESTROOM SIGNAGE SHOWING HANDICAP ACCESSIBILITY
R3A	WOMEN'S RESTROOM - ACCESSIBLE	PROVIDE STANDARD WOMEN'S RESTROOM SIGNAGE SHOWING HANDICAP ACCESSIBILITY
RS1	ROOM SIGNAGE W/ INSERT	PROVIDE STANDARD ROOM SIGNAGE W/ REMOVABLE NAME SLOT, INCLUDE RM NAME AND NUMBER. REFER TO DETAIL ABOVE.
RS2	ROOM SIGNAGE	PROVIDE STANDARD ROOM SIGNAGE, INCLUDE ROOM NAME AND NUMBER. REFER TO DETAIL ABOVE.
AA1	AUTHORIZED ACCESS ONLY	AUTHORIZED ACCESS ONLY
SPR	SPRINKLER RM	5" X 10" REFLECTIVE ALUMINUM SIGN. BOD: MYSAFETY SIGN LB-1516. MOUNTED TO DOOR.

NOTES:
1. REFER TO FIXTURE/MOUNTING HEIGHT SCHEDULE ON A400 FOR SIGNAGE MOUNTING HEIGHT INFO.
2. ALL SIGNAGE MUST COMPLY W/ ICC/ ANSI A117.1-2017
3. ALL SIGNAGE MUST COMPLY W/ LIMITS OF PROTRUDING OBJECTS
4. VISUAL CHARACTERS MUST COMPLY W/ ICC/ ANSI 117.1-2017 SECTION 703.2
5. ALL SIGNAGE MUST BE TACTILE AND MUST COMPLY W/ ICC/ ANSI A117.1-2017 SECTION 703.5
6. SYMBOLS & PICTOGRAMS MUST COMPLY W/ ICC/ ANSI A117.1-2017 SECTIONS 703.5 AND 703.6
7. TYPICAL SIGN REQUIREMENTS (U.N.O)
   A. SIGN SIZE; AS RECOMMENDED BY MFGR AND AS REQUIRED BY CODE U.N.O.
   B. MESSAGE PANEL MATERIAL; MFGR STANDARD
   C. MESSAGE PANEL FINISH/COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE
   D. BACKGROUND FINISH/COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE
   E. CHARACTER FINISH/COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE
8. SIGNAGE MOUNTED ON GLASS, PROVIDE BLANK PANEL ADHERED TO OPPOSITE FACE OF GLASS
9. ROOM NAMES AND NUMBERS TO BE CONFIRMED WITH OWNER PRIOR TO MANUFACTURING
10. MOUNTING LOCATIONS TO BE REVIEWED IN FIELD WITH OWNER/ARCHITECTURE PRIOR TO INSTALLATION
11. SIGNS TO BE 6" WIDE TYPICALLY, U.N.O. SIGN HEIGHT DEPENDENT ON ROOM TYPE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
12. PROVIDE WALL MOUNTED SIGNAGE AT ALL FIRE EXTINGUISHER CABINETS AND AED CABINETS PER SPECIFICATIONS.

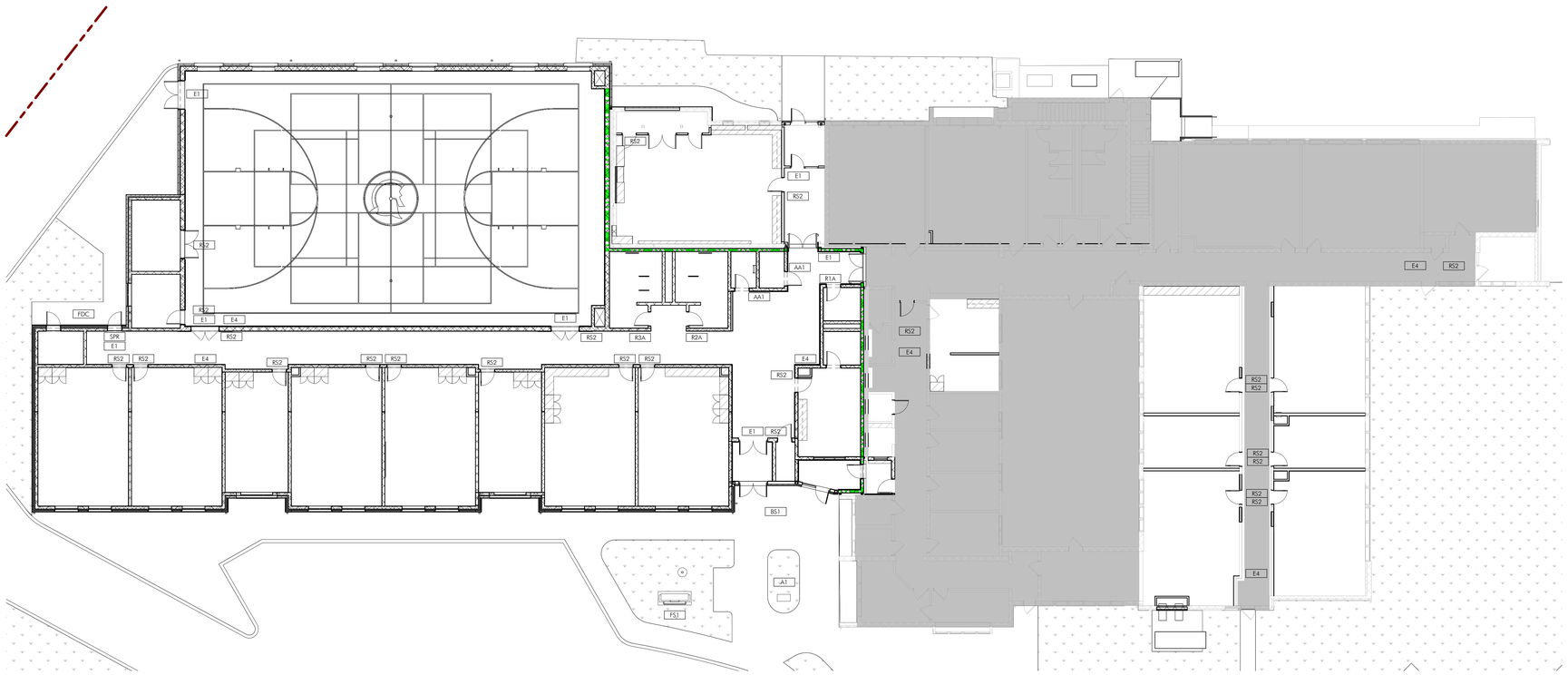
EXTERIOR ROOM SIGNAGE SCHEDULE

SIGN TAG	SIGN LABEL	REMARKS
FDC	FIRE DEPARTMENT CONNECTION (FDC)	12"X18" HI INENSITY REFLECTIVE ALUMINUM SIGN BOD: MYSAFETY SIGN K-8238. COORDINATE MOUNTING LOCATION WITH CONNECTION LOCATION AND FIRE MARSHALL.
A1	DEDICATION PLAQUE	
BS1	BUILDING LETTERING	PROVIDE CLR ANODIZED PIN LETTERING, WALL MOUNTED. REFER TO SHEET A202
FS1	ROADSIDE ENTRY SIGNAGE	

3 A003 INTERIOR / EXTERIOR ROOM SIGNAGE SCHEDULE
1/2" = 1'-0"

SIGNAGE NOTES

1. PROVIDE REGULATORY SIGNAGE **AT ALL DOORS** SCHEDULED ON THE PROJECT, TACTILE TYPE **TO MATCH THE STYLE IN THE EXISTING BUILDING**.
2. ALL SIGNAGE TO BE MOUNTED SO THE BOTTOM OF THE SIGN IS 4'-0" A.F.F.
3. ALL SIGNAGE MUST COMPLY W/ ICC/ ANSI A117.1-2017.
4. ALL SIGNAGE MUST COMPLY W/ LIMITS OF PROTRUDING OBJECTS.
5. VISUAL CHRACTERS MUST COMPLY W/ ICC/ ANSI A117.1-2017 SECTION 703.2.
6. ALL SIGNAGE MUST BE TACTILE AND MUST COMPLY W/ ICC/ ANSI A117.1-2017 SECTIONS 703.5
7. SYMBOLS & PICTOGRAMS MUST COMPLY W/ ICC/ ANSI A117.1-2017 703.5 & 703.6
8. TYPICAL SIGN REQUIREMENTS (U.N.O)
   A. SIGN SIZE; **AS RECOMMENDED BY MFGR** AND AS REQUIRED BY CODE U.N.O.
   B. MESSAGE PANEL MATERIAL; MFGR STANDARD.
   C. MESSAGE PANEL FINISH/COLOR; AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
   D. BACKGROUND FINISH/ COLOR; AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
   E. CHARACTER SIZE; **3/8" TYPEFACE**, ACCOMPANIED BY GRADE 2 BRAILLE U.N.O.
   F. CHARACTER FINISH/ COLOR; AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
9. AT DOORS WITH LITES ON THE PUSH/PULL SIDE OF THE DOOR, **MOUNT SIGNAGE ON GLASS**. PROVIDE BLANK PANEL ADHERED TO OPPOSITE FACE OF GLASS IN FINISH/COLOR; AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
10. ROOM NAMES AND NUMBERS TO BE CONFIRMED WITH OWNER PRIOR TO MANUFACTURING
11. MOUNTING LOCATIONS TO BE REVIEWED IN FIELD WITH OWNER/ARCHITECT PRIOR TO INSTALLATION.



4 A003 SIGNAGE PLAN - FIRST FLOOR
3/32" = 1'-0"

CENTER FOR STUDENT LEARNING CHARTER SCHOOL AT PENNSBURY

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INTERIOR SIGNAGE PLAN

DRAWING NUMBER
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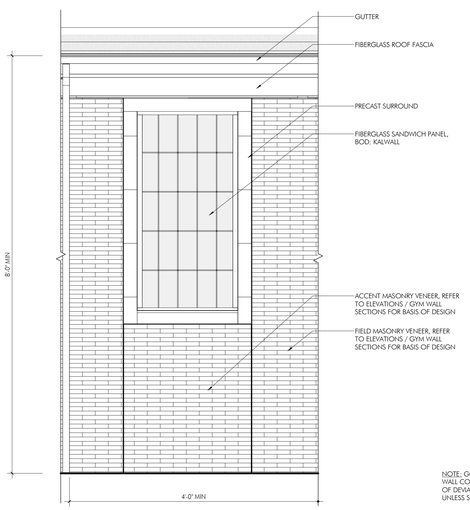
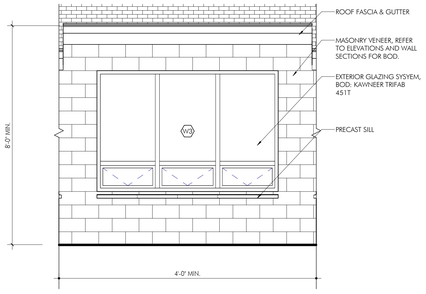
MOCK UP WALL "A" - MODULAR BRICK VENEER / CMU BACKUP
NORTH FACING

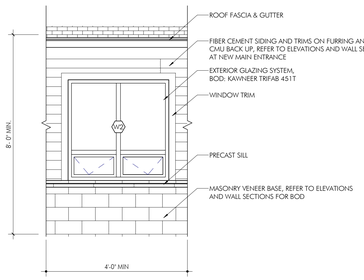


NOTE: GC TO CONSTRUCT (3) SEPARATE MOCKUP WALLS TO DEMONSTRATE TYPICAL WALL CONSTRUCTION. APPROVAL OF MOCKUPS DOES NOT CONSTITITE APPROVAL OF DEVIATIONS FROM THE CONTRACT DOCUMENTS CONTAINED IN MOCKUPS UNLESS SUCH DEVIATIONS ARE SPECIFICALLY APPROVED BY ARCHITECT IN WRITING.

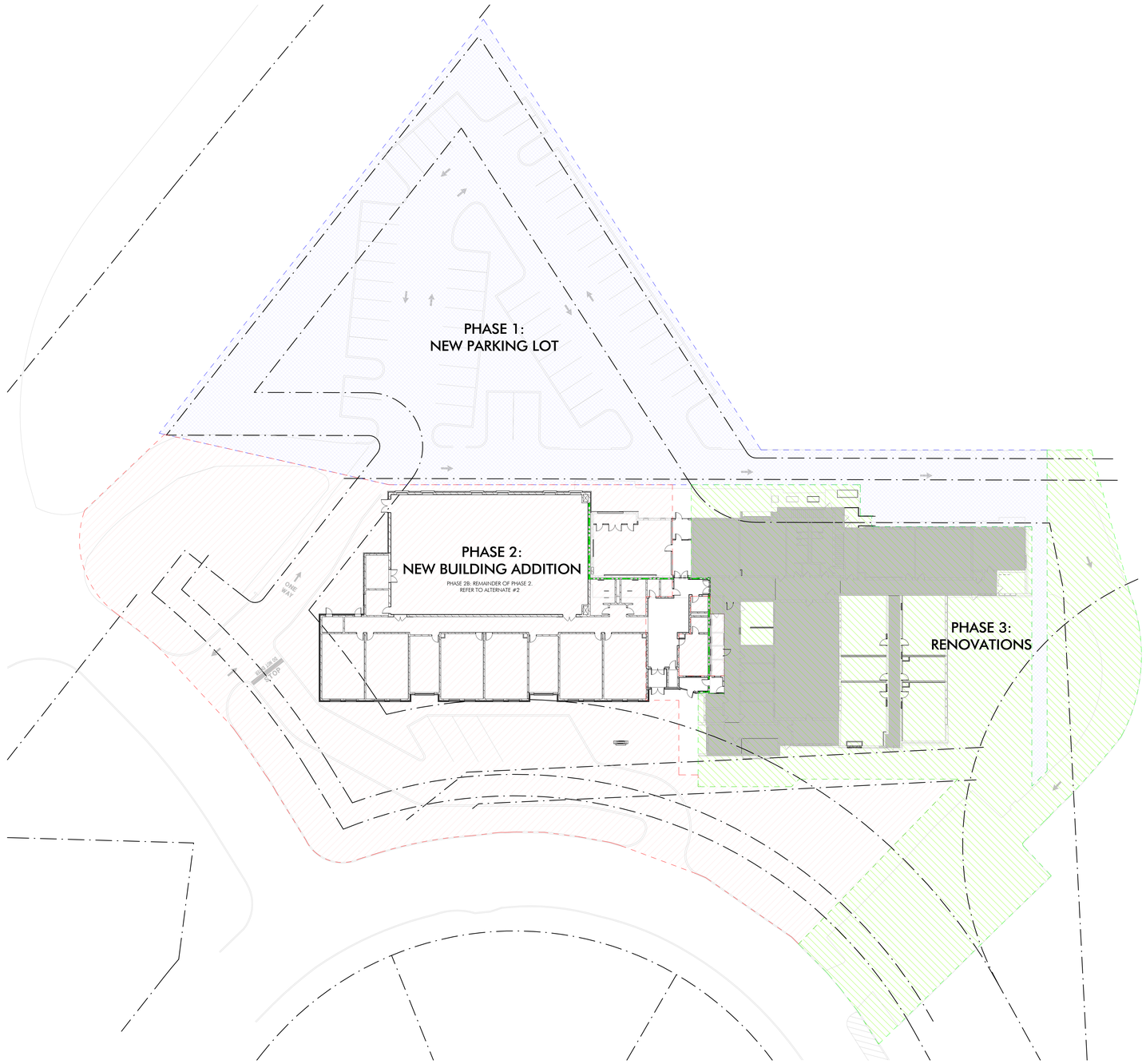
MOCK UP WALL "B" - MASONRY VENEER ON CMU BACKUP
SOUTH FACING



MOCK UP WALL "C" - FIBER CEMENT SIDING ON CMU BACKUP
SOUTH FACING



4 / A004 MOCK UP ELEVATIONS
3/8" = 1'-0"



1 / A004 CONSTRUCTION PHASING DIAGRAM
1" = 20'-0"

PHASE DESCRIPTIONS

PHASE 1: NEW PARKING LOT
- THE INSTALLATION OF THE NEW PARKING LOT AND REQUIRED SITE CIVIL IMPROVEMENTS WILL BE COMPLETED IN THIS PHASE. THE CLOSURE OF THE REAR ACCESS DRIVE AISLE ALONG THE BUILDING WILL NEED TO BE COORDINATED.

PHASE 2: NEW BUILDING ADDITION
- THE CONSTRUCTION OF THE NEW BUILDING ADDITION AND ASSOCIATED SITE CIVIL IMPROVEMENTS WILL BE COMPLETED IN THIS PHASE. TEMPORARY ENTRANCES AND EGRESS PATHS WILL NEED TO BE ESTABLISHED IN THE EXISTING SCHOOL TO ACCOMODATE THE DEMOLITION AND REMOVAL OF PORTIONS OF THE EXISTING STRUCTURE. ACCESS TO THE PHASE 1 PARKING LOT WILL BE LIMITED DUE TO THE NEED FOR CONSTRUCTION LAYDOWN AREA.

PHASE 3: EXISTING BUILDING RENOVATION
- THE RENOVATION OF THE EXISTING BUILDING ELEMENTS AND FINAL SITE CIVIL IMPROVEMENTS WILL BE COMPLETED IN THIS PHASE. CONSTRUCTION PHASE TO OCCUR OVER SUMMER BREAK TO ALLOW FOR FULL BUILDING USAGE IN OCTOBER OF THE NEW SCHOOL YEAR 2028.

PHASING DIAGRAM NOTES

1. REFER TO CIVIL PLANS AND NOTES FOR FULL SITE PHASING CONSIDERATIONS.
2. PHASES OF CONSTRUCTION ARE ANTICIPATED TO BE SEQUENTIAL WITH INDIVIDUAL MILESTONE DATES.
3. ALL PHASING IS DIAGRAMMATIC. EXACT SEQUENCE AND SCOPE TO BE DETERMINED DURING DETAILED CONSTRUCTION DOCUMENTATION.
4. THE CHARTER SCHOOL WILL REMAIN OCCUPIED AND OPERATE ON A NORMAL SCHEDULE DURING ALL PHASES OF CONSTRUCTION.
5. REFER TO BIS SCHEDULE FOR PHASE DATES.

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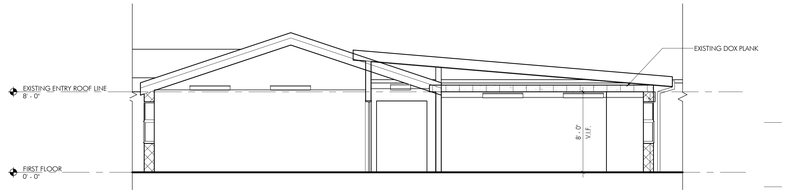
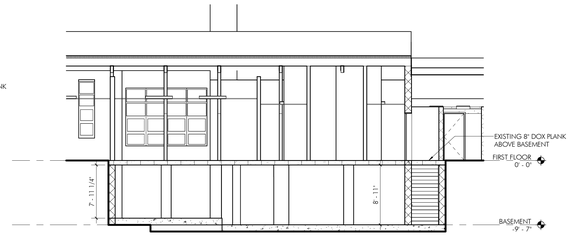
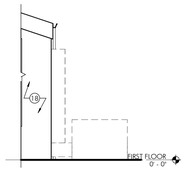


7 AD100 EXISTING CONDITIONS & DEMO PARTIAL BUILDING SECT. @ WING C
3/16" = 1'-0"

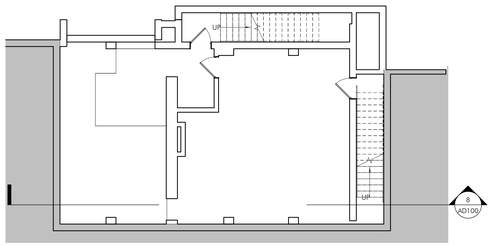


8 AD100 EXISTING CONDITIONS & DEMOLITION BASEMENT SECTION
1/8" = 1'-0"

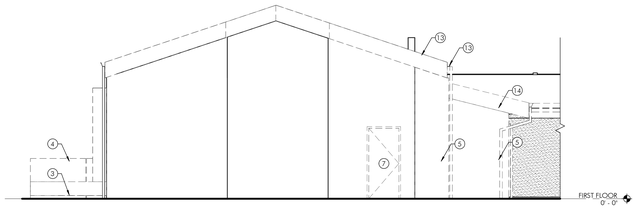
6 AD100 EXISTING CONDITIONS & DEMOLITION PARTIAL SOUTH ELEVATION
3/16" = 1'-0"



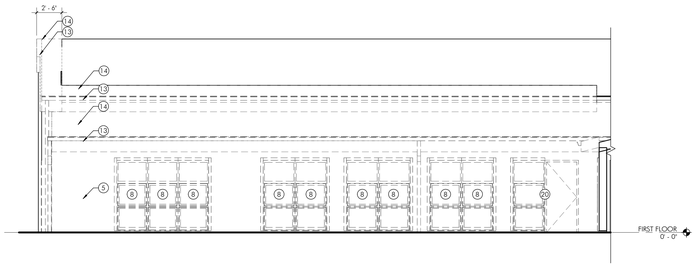
9 AD100 PARTIAL DEMO EAST ELEVATION
3/16" = 1'-0"



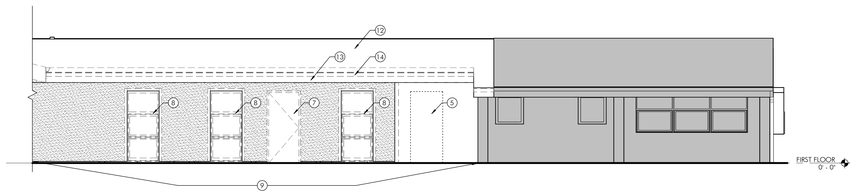
2 AD100 BASEMENT EXISTING CONDITIONS AND DEMOLITION PLAN
1/8" = 1'-0"



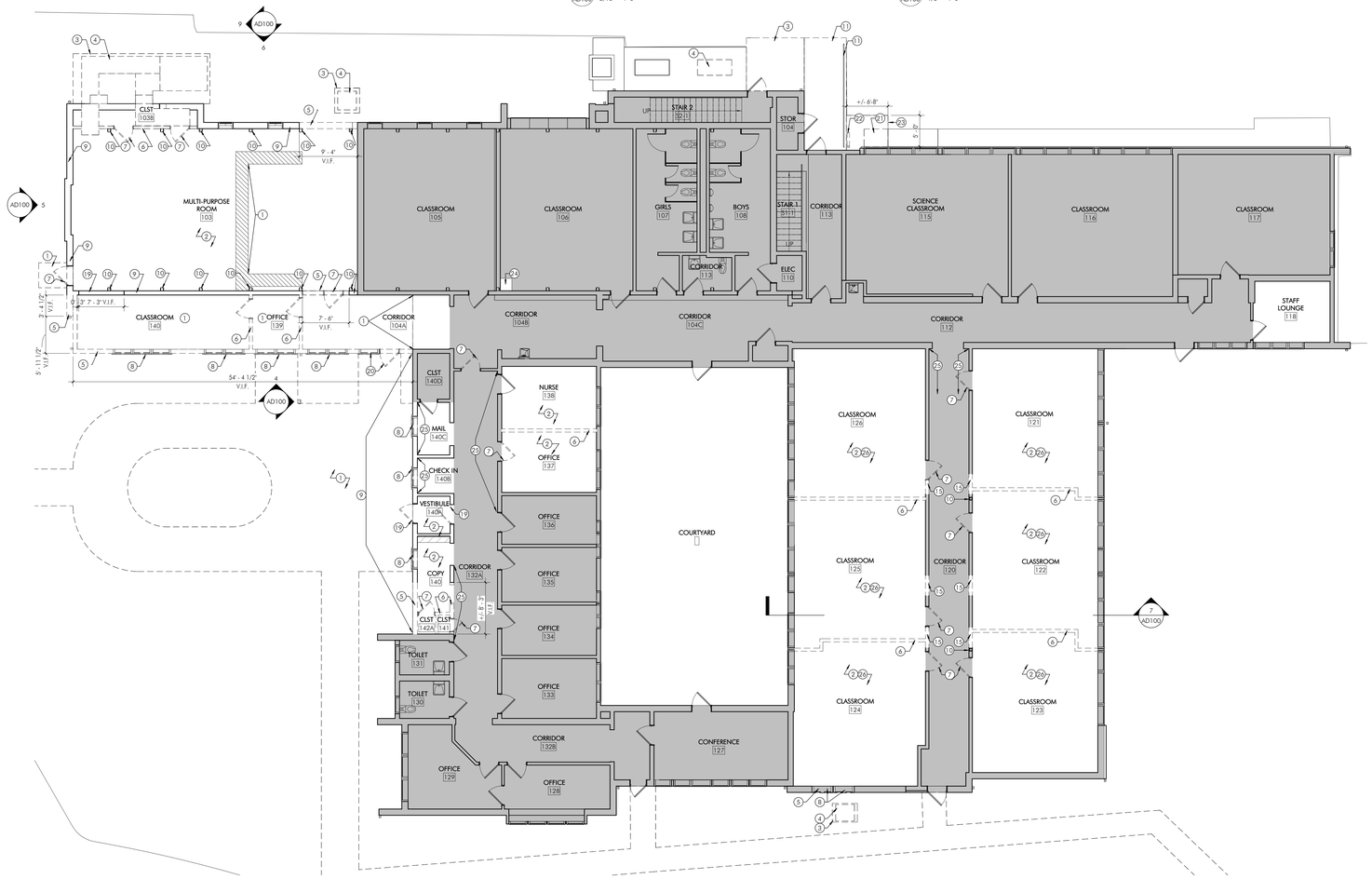
5 AD100 EXISTING CONDITIONS & DEMOLITION PARTIAL WEST ELEVATION
3/16" = 1'-0"



4 AD100 EXISTING CONDITIONS & DEMO PARTIAL NORTH ELEV. AT ENTRANCE
3/16" = 1'-0"



3 AD100 EXISTING CONDITIONS & DEMO PARTIAL WEST ELEV. AT ENTRANCE
3/16" = 1'-0"



1 AD100 EXISTING CONDITIONS AND DEMOLITION FIRST FLOOR PLAN
1/8" = 1'-0"

DEMOLITION LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING DOOR TO REMAIN
- DEMOLISH; REMOVE CONSTRUCTION
- UNLESS NOTED OTHERWISE, REMOVE DOOR, FRAME, & HARDWARE

EXISTING CONDITIONS AND DEMOLITION SHEET NOTES

1. REFER TO **SHEET A001** FOR ADDITIONAL DEMOLITION NOTES.
2. REMOVE ALL WALL MOUNTED ITEMS AND ASSOCIATED HARDWARE WITHIN SCOPE OF WORK UNO. PROTECT FROM DAMAGE AND COORDINATE REINSTALLATION OF ITEMS WITH NEW CONSTRUCTION DRAWINGS. WALL MOUNTED ITEMS INCLUDE BUT IS NOT LIMITED TO:
   - A. **ROOM SIGNAGE**
   - B. **TOILET ACCESSORIES**
   - C. **WHITE BOARDS**
   - D. **TACK BOARDS**
   - E. **DISPLAY CASES**
   - F. **DOOR STOPS**
   - G. **SCREWS,**
   - H. **NAILS**
   - I. **EXPOSED HARDWARE**
   - J. **VINYL GRAPHICS**
3. REMOVE FINISHES TO A LEVEL SUITABLE FOR INSTALLATION OF NEW FINISHES, WHERE APPLICABLE. REFER TO NEW CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION.
4. FURNITURE REMOVAL **BY OWNER.**
5. COORDINATE ALL DEMOLITION WORK WITH EXISTING CONTRUCTION TO REMAIN. ANY EXISTING CONSTRUCTION TO REMAIN THAT IS DAMAGED BY DEMOLITION SHALL BE REPAIRED / REPLACED TO MATCH ORIGINAL CONDITION.
6. REFER TO CIVIL, STRUCTURAL AND MEPFP DRAWINGS FOR ADDITIONAL INFORMATION.
7. AS REQUIRED, ANY DISRUPTED FIREPROOFING OF ALL BUILDING STRUCTURAL MEMBERS, WALLS, FLOORS AND CEILINGS SHALL BE SUPPLEMENTED AFTER DEMOLITION, IN ACCORDANCE WITH ALL CURRENTLY APPLICABLE CODES, REGULATIONS AND ORDINANCES OF ALL GOVERNING BODIES HAVING JURISDICTION OVER THE PROJECT.
8. ALL ENVELOPE PENETRATIONS TO BE COMPLETED BY GC, REFER TO SPECIFICATIONS.

EXISTING CONDITIONS AND DEMOLITION SHEET KEYNOTES

1. REMOVE EXISTING SLAB ON GRADE AND ALL BELOW SLAB MATERIALS AS REQUIRED FOR NEW CONSTRUCTION.
2. REMOVE EXISTING FLOORING AND WALL BASE. CLEAN, GRIND, PREP, AND REPAIR EXISTING SLAB AND WALL AS REQ'D TO RECEIVE NEW FINISH.
3. REMOVE EXISTING CONCRETE PAD
4. MECHANICAL PRIME TO REMOVE EXISTING OUTDOOR MECHANICAL UNITS. SEE MEPFP DRAWINGS FOR ADDITIONAL INFORMATION.
5. REMOVE EXTERIOR BEARING WALL TO EXTENTS REQUIRED FOR NEW CONSTRUCTION.
6. REMOVE INTERIOR PARTITION
7. REMOVE DOOR AND FRAME. SEE A101 FOR ADDITIONAL NOTES AT DEMOLISHED OPENINGS.
8. REMOVE WINDOW AND FLASHING. SEE A101 FOR ADDITIONAL NOTES AT EXTERIOR DEMOLISHED OPENING
9. EXISTING WALL TO REMAIN AND BE PROTECTED DURING DEMOLITION. SEE STRUCTURAL FOR ADDITIONAL INFORMATION
10. EXISTING STRUCTURAL ELEMENT TO REMAIN
11. REMOVE EXISTING CONCRETE RAMP AND GUARDRAIL.
12. REMOVE EXISTING ROOFING DOWN TO SHEATING FOR ROOF OVERFRAMING. SEE STRUCUTRAL FOR ADDITIONAL INFORMATION.
13. REMOVE EXISTING GUTTER, FASCIA AND DOWNSPOUTS.
14. REMOVE EXISTING ROOF AND ALL STRUCTURE TO THE EXTENTS REQUIRED FOR NEW CONSTRUCTION.
15. REMOVE PORTIOIN OF EXISTING PARTITION AS INDICATED.
16. REMOVE PORTION OF FLOOR SYSTEM AND STRUCTURE FOR MEPFP INFRASTRUCTURE ROUTING
17. EXISTING METAL STUD INFILL WALL BELOW CMU
18. EXISTING FACADE MATERIAL ASSUMED TO BE A DEEP TEXTURED STUCCO. ASSESS AND PREPARE WALL AREAS TO RECEIVE NEW FINISH ACCORDING TO MANUFACTURER'S GUIDELINES.
19. EXISTING VESTIBULE DOORS AND HARDWARE SALVAGED FOR REINSTALLATION. SEE NEW CONSTRUCTION PLAN FOR NEW LOCATION.
20. EXISTING EGRESS DOORS AND HARDWARE, SIDELIGHT AND FRAME SALVAGED FOR REINSTALLATION. SEE NEW CONSTRUCTION PLAN FOR NEW LOCATION.
21. REMOVE PORTION OF EXISTING CONCRETE PAD AND PREPARE FOR NEW CONSTRUCTION.
22. EXISTING DOWNSPOUT TO BE REMOVED, MODIFIED AND REINSTALLED. REFER TO NEW WORK SCOPE FOR EXTENT OF MODIFICATION
23. REMOVE PORTION OF EXISTING ASPHALT TO PREPARE FOR NEW CONSTRUCTION
24. CORE THROUGH EXISTING DOX PLANK FOR NEW CW LINE ROUTED TO ADDITION ABOVE CEILING. SEE AD110 AND MEPFP FOR ADDITIONAL INFORMATION.
25. REMOVE EXISTING WALL BASE. CLEAN, PREP AND REPAIR EXISTING WALL AS REQ'D TO RECEIVE NEW FINISH.
26. SALVAGE AND STORE WHITEBOARDS FOR REINSTALLATION. PROTECT FROM DAMAGE.

CENTER FOR STUDENT LEARNING CHARTER SCHOOL AT PENNSBURY

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HSA PROJECT # :24-014

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SHEET TITLE

EXISTING CONDITIONS & DEMOLITION PLAN & ELEVATIONS

DRAWING NUMBER

AD100

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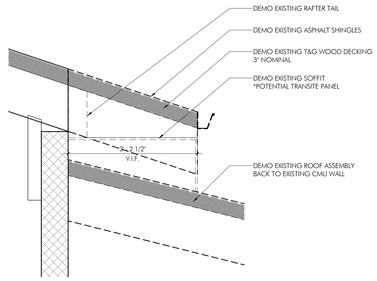
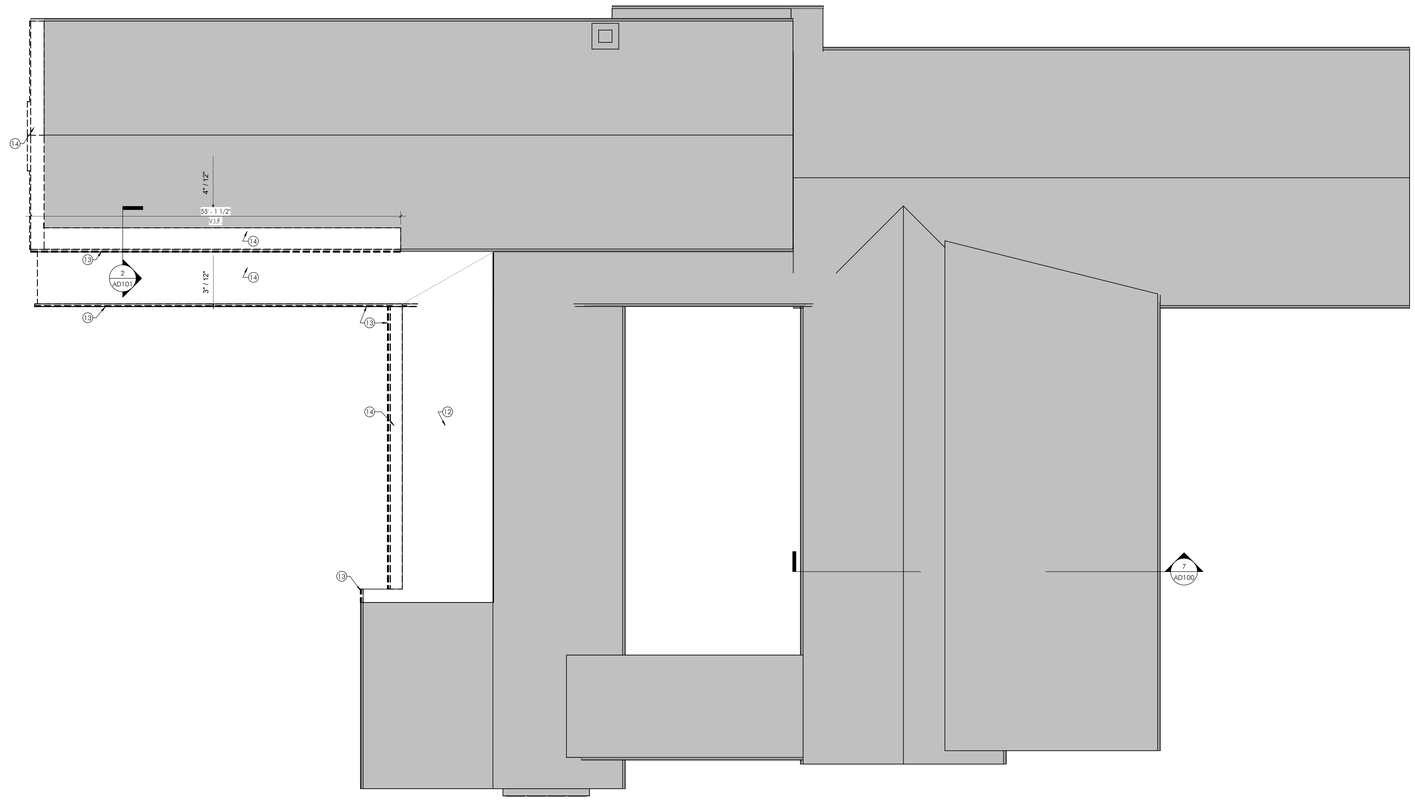


2 / AD101 DEMO SECTION DETAIL @ EXISTING ROOF OVERHANG
3/4" = 1'-0"



1 / AD101 EXISTING CONDITIONS & DEMOLITION ROOF PLAN
1/8" = 1'-0"

EXISTING CONDITIONS AND DEMOLITION SHEET NOTES

1. REFER TO **SHEET A001** FOR ADDITIONAL DEMOLITION NOTES.
2. REMOVE ALL WALL MOUNTED ITEMS AND ASSOCIATED HARDWARE WITHIN SCOPE OF WORK U.N.O. PROTECT FROM DAMAGE AND COORDINATE REINSTALLATION OF ITEMS WITH NEW CONSTRUCTION DRAWINGS. WALL MOUNTED ITEMS INCLUDE BUT IS NOT LIMITED TO:
   - A. **ROOM SIGNAGE**
   - B. **TOILET ACCESSORIES**
   - C. **WHITE BOARDS**
   - D. **TACK BOARDS**
   - E. **DISPLAY CASES**
   - F. **DOOR STOPS**
   - G. **SCREWS,**
   - H. **NAILS**
   - I. **EXPOSED HARDWARE**
   - J. **VINYL GRAPHICS**
3. REMOVE FINISHES TO A LEVEL SUITABLE FOR INSTALLATION OF NEW FINISHES, WHERE APPLICABLE. REFER TO NEW CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION.
4. FURNITURE REMOVAL **BY OWNER.**
5. COORDINATE ALL DEMOLITION WORK WITH EXISTING CONTRUCTION TO REMAIN, ANY EXISTING CONSTRUCTION TO REMAIN THAT IS DAMAGED BY DEMOLITION SHALL BE REPAIRED / REPLACED TO MATCH ORIGINAL CONDITION.
6. REFER TO CIVIL, STRUCTURAL AND MEPFP DRAWINGS FOR ADDITIONAL INFORMATION.
7. AS REQUIRED, ANY DISRUPTED FIREPROOFING OF ALL BUILDING STRUCTURAL MEMBERS, WALLS, FLOORS AND CEILINGS SHALL BE SUPPLEMENTED AFTER DEMOLITION, IN ACCORDANCE WITH ALL CURRENTLY APPLICABLE CODES, REGULATIONS AND ORDINANCES OF ALL GOVERNING BODIES HAVING JURISDICTION OVER THE PROJECT.
8. ALL ENVELOPE PENETRATIONS TO BE COMPLETED BY GC, REFER TO SPECIFICATIONS.

EXISTING CONDITIONS AND DEMOLITION SHEET KEYNOTES

1. REMOVE EXISTING SLAB ON GRADE AND ALL BELOW SLAB MATERIALS AS REQUIRED FOR NEW CONSTRUCTION.
2. REMOVE EXISTING FLOORING AND WALL BASE. CLEAN, GRIND, PREP, AND REPAIR EXISTING SLAB AND WALL AS REQ'D TO RECEIVE NEW FINISH.
3. REMOVE EXISTING CONCRETE PAD
4. MECHANICAL PRIME TO REMOVE EXISTING OUTDOOR MECHANICAL UNITS. SEE MEPFP DRAWINGS FOR ADDITIONAL INFORMATION.
5. REMOVE EXTERIOR BEARING WALL TO EXTENTS REQUIRED FOR NEW CONSTRUCTION.
6. REMOVE INTERIOR PARTITION
7. REMOVE DOOR AND FRAME. SEE A101 FOR ADDITIONAL NOTES AT DEMOLISHED OPENINGS.
8. REMOVE WINDOW AND FLASHING. SEE A101 FOR ADDITIONAL NOTES AT EXTERIOR DEMOLISHED OPENING
9. EXISTING WALL TO REMAIN AND BE PROTECTED DURING DEMOLITION. SEE STRUCTURAL FOR ADDITIONAL INFORMATION
10. EXISTING STRUCTURAL ELEMENT TO REMAIN
11. REMOVE EXISTING CONCRETE RAMP AND GUARDRAIL.
12. REMOVE EXISTING ROOFING DOWN TO SHEATING FOR ROOF OVERFRAMING. SEE STRUCUTRAL FOR ADDITIONAL INFORMATION.
13. REMOVE EXISTING GUTTER, FASCIA AND DOWNSPOUTS.
14. REMOVE EXISTING ROOF AND ALL STRUCTURE TO THE EXTENTS REQUIRED FOR NEW CONSTRUCTION.
15. REMOVE PORTION OF EXISTING PARTITION AS INDICATED.
16. REMOVE PORTION OF FLOOR SYSTEM AND STRUCTURE FOR MEPFP INFRASTRUCTURE ROUTING
17. EXISTING METAL STUD INFILL WALL BELOW CMU
18. EXISTING FACADE MATERIAL ASSUMED TO BE A DEEP TEXTURED STUCCO. ASSESS AND PREPARE WALL AREAS TO RECEIVE NEW FINISH ACCORDING TO MANUFACTURER'S GUIDELINES.
19. EXISTING VESTIBULE DOORS AND HARDWARE SALVAGED FOR REINSTALLATION. SEE NEW CONSTRUCTION PLAN FOR NEW LOCATION.
20. EXISTING EGRESS DOORS AND HARDWARE, SIDELIGHT AND FRAME SALVAGED FOR REINSTALLATION. SEE NEW CONSTRUCTION PLAN FOR NEW LOCATION.
21. REMOVE PORTION OF EXISTING CONCRETE PAD AND PREPARE FOR NEW CONSTRUCTION.
22. EXISTING DOWNSPOUT TO BE REMOVED, MODIFIED AND REINSTALLED. REFER TO NEW WORK SCOPE FOR EXTENT OF MODIFICATION
23. REMOVE PORTION OF EXISTING ASPHALT TO PREPARE FOR NEW CONSTRUCTION
24. CORE THROUGH EXISTING DOK PLANK FOR NEW CW LINE ROUTED TO ADDITION ABOVE CEILING. SEE AD110 AND MEPFP FOR ADDITIONAL INFORMATION.
25. REMOVE EXISTING WALL BASE. CLEAN, PREP AND REPAIR EXISTING WALL AS REQ'D TO RECEIVE NEW FINISH.
26. SALVAGE AND STORE WHITEBOARDS FOR REINSTALLATION. PROTECT FROM DAMAGE.

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EXISTING CONDITIONS & DEMOLITION - ROOF PLAN

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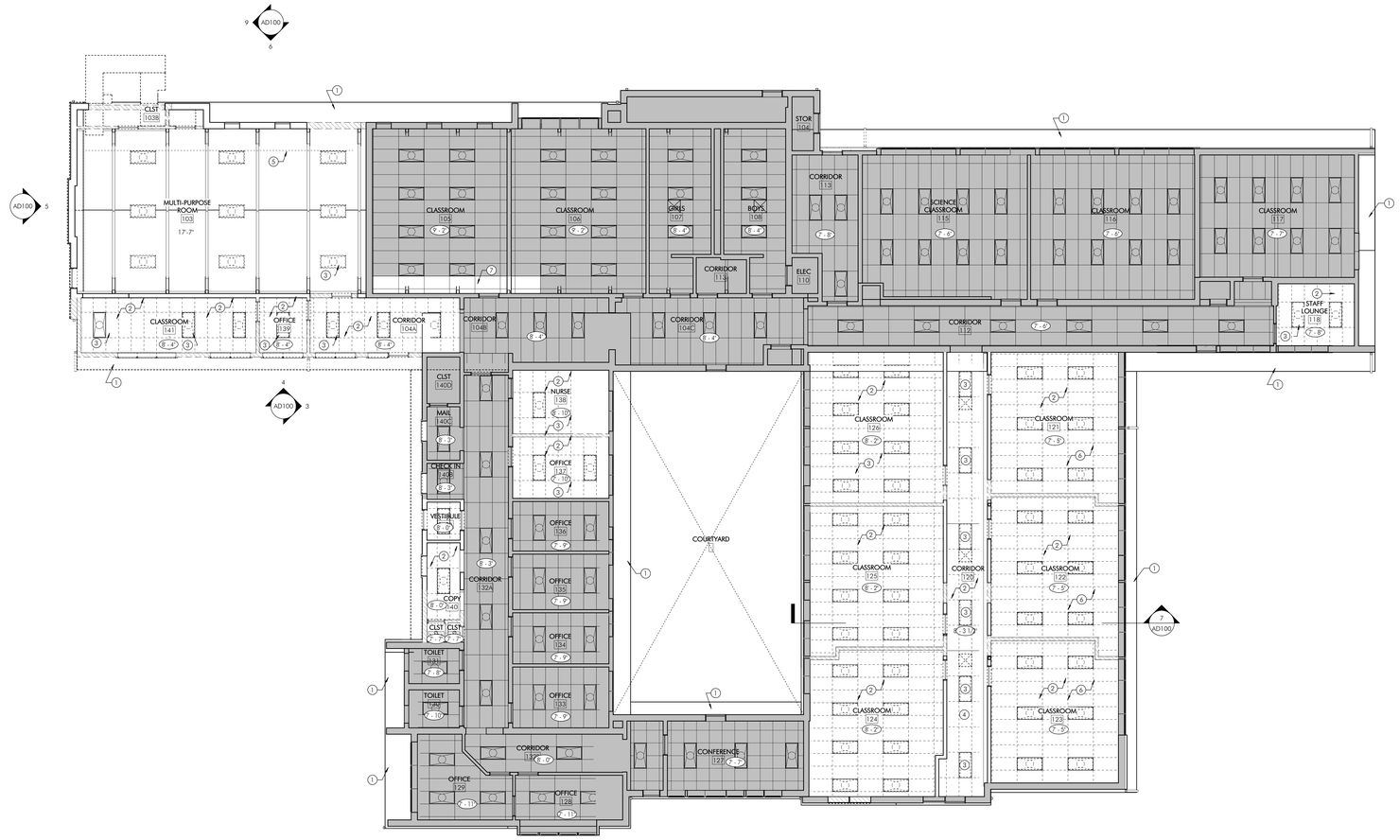

1 AD110 EXISTING CONDITIONS AND DEMOLITION REFLECTED CEILING PLAN
1/8" = 1'-0"

DEMOLITION LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING DOOR TO REMAIN
- DEMOLISH; REMOVE CONSTRUCTION
- UNLESS NOTED OTHERWISE, REMOVE DOOR, FRAME, & HARDWARE

EXISTING CONDITIONS AND DEMOLITION RCP SHEET NOTES

1. REFER TO SHEET A001 FOR ADDITIONAL DEMOLITION NOTES.
2. REFER TO MEPFP DRAWINGS FOR ADDITIONAL INFORMAITON.
3. REMOVE ALL CEILINGS AND CEILING MOUNTED EQUIPMENT THROUGHOUT AREA OF WORK, UNLESS NOTED OTHERWISE

EXISTING CONDITIONS AND DEMOLITION RCP KEYNOTES

1. POSSIBLE EXISTING TRANSITE @ UNDERSIDE OVERHANG. CONTRACTOR TO CONFIRM CONDITION AND ABATE AS REQUIRED.
2. REMOVE EXISTING ACT AND GRID
3. UNINSTALL EXISTING LIGHTING FIXTURES, PROTECT AND STORE FOR REINSTALLATION.
4. UNINSTALL, PROTECT AND STORE EXISTING CEILING MOUNTED DEVICES, TYP FOR REINSTALLATION.
5. REMOVE EXISTING MECHANICAL DUCTWORK AND HANGERS. REFER TO MEPFP FOR ADDITIONAL INFORMATION.
6. EXISTING DOX PLANK ABOVE, SEE BUILDING SECTION 7/AD100 FOR ADDITIONAL INFORMATION
7. REMOVE ACT AS REQUIRED FOR NEW CONSTRUCTION

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EXISTING CONDITIONS & DEMOLITION RCP - FIRST FLOOR

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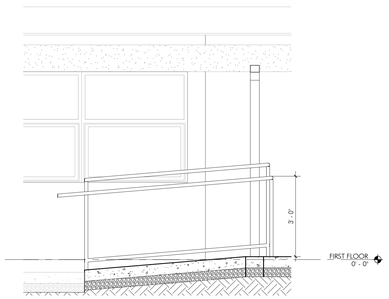
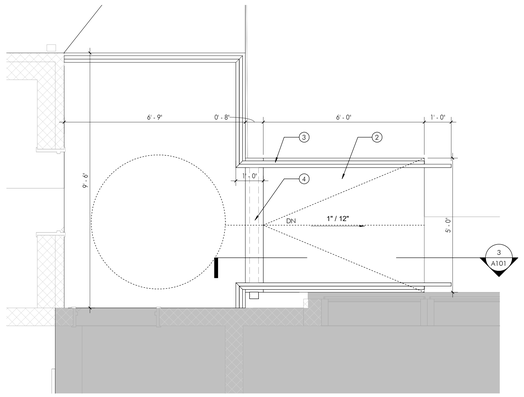
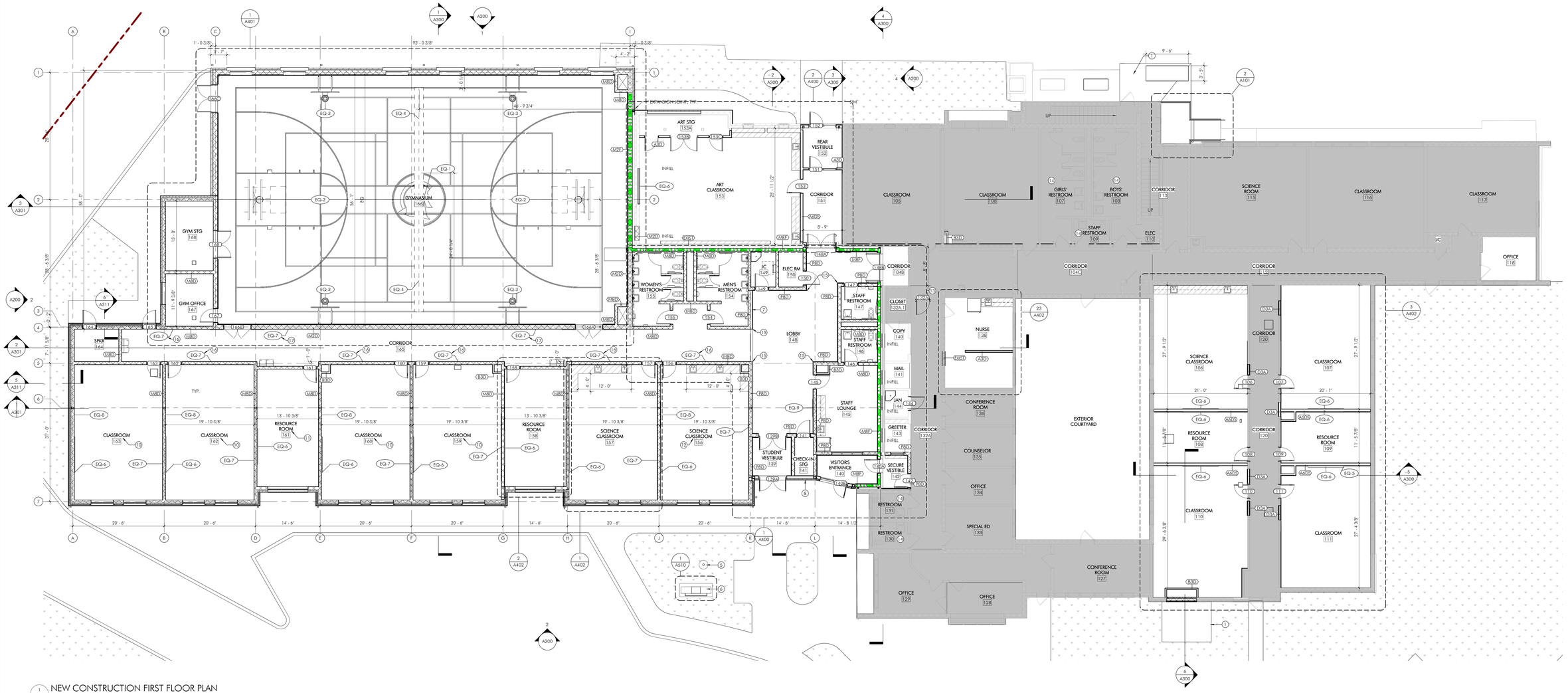


3 A101 SECTION @ RAMP
1/2" = 1'-0"



2 A101 ENLARGED CONCRETE RAMP
1/2" = 1'-0"



1 A101 NEW CONSTRUCTION FIRST FLOOR PLAN
1/8" = 1'-0"

FIRE BARRIER

1 HOUR

2 HOUR

NEW CONSTRUCTION PLAN SHEET NOTES

1. REFER TO **SHEET A001** FOR ADDL NEW CONSTRUCTION NOTES.
2. REFER TO A600 FOR PARTITION SCHEDULE
3. REFER TO A602 FOR WINDOW SCHEDULE AND A601 FOR DOOR AND FRAME SCHEDULE
4. ALL DIMENSIONS ARE **TO FINISHED FACE**, U.N.O.
5. ALL EXTERIOR WALL AND ROOF PENETRATIONS TO BE MADE BY GC. REFER TO MECH. END ELEC. DWGS FOR PENETRATIONS REQUIRED. MC AND EC TO PROVIDE FINAL SIZE AND LAYOUT ON SITE FOR GC COORDINATION. REFER **TO A501** FOR TYPICAL DETAILS.
6. ALL INTERIOR WALL PENETRATIONS TO BE MADE BY PRIME CONTRACTOR REQUIRING THE PENETRATION, U.N.O. EACH PRIME IS RESPONSIBLE FOR PROTECTION OF EXISTING CONDITIONS TO REMAIN (INCLUDING BUT NOT LIMITED TO FLOORING, WALLS, FURNITURE).
7. GC TO PATCH/FILL/REPAIR ALL EXISTING PARTITIONS WITHIN SCOPE OF WORK WHERE MEP/FP DEVICES HAVE BEEN REMOVED AND WHERE A PORTION OF WALL HAS BEEN REMOVED FOR A NEW MEP/FP DEVICE, INCLUDING BUT NOT LIMITED TO PANELS, ATTACHMENTS, FIXTURES AND DEVICES, U.N.O. COORDINATE LOCATIONS WITH MEP/FP CONTRACTORS AND REFER TO MEP/FP DWGS FOR ADDITIONAL INFO
8. PREP ALL SURFACES FOR NEW FINISH, COORDINATE FINISHES WITH **A12 SERIES FINISH DRAWINGS**.
9. EXISTING FLOOR SLAB SHALL BE PATCHED, REPAIRED, REFINISHED AND LEVELED AS REQUIRED TO RECEIVE NEW FINISH MATERIALS.
10. UNLESS NOTED OTHERWISE, ALL PARTITIONS TO BE **TYPE MBD. REFER TO A600** FOR PARTITION CONSTRUCTION DETAILS.
11. FIRE EXTINGUISHER NOTE:
    A. UTILIZE EXISTING/RELOCATE SEMI-RECESSED FIRE EXTINGUISHERS/CABINETS AS REQUIRED BY CODE. VERIFY EXISTING/RELOCATED FIRE EXTINGUISHERS ARE IN PROPER WORKING CONDITION. GC TO PROVIDE NEW AS NECESSARY.
12. PROVIDE AND INSTALL ADA COMPLIANT WALL-MOUNTED EXIT SIGNS (TACTILE) AT EACH EXIT DOOR AS REQUIRED TO MEET ADA, LIFE SAFETY CODE, AND ALL APPLICABLE LOCAL CODES.
13. AT CLASSROOMS IN ADDITION REFER TO TYPICAL ELEVATIONS 24/A402 & 25/A402 FOR ADDITIONAL INFORMATION.

NEW CONSTRUCTION PLAN SHEET KEYNOTES

1. NEW CONCRETE EQUIPMENT PAD ON GRADE AT EXTERIOR EQUIPMENT. REFER TO STRUCTURAL AND MEPFP DWGS. FOR ADDITIONAL INFORMATION.
2. NEW CONCRETE ADA RAMP
3. ALUMINUM HANDRAIL WITH POSTS
4. SLEEVED THOUGH DRAIN CONNECTED TO DOWNSPOUT. SEE SITE CIVIL DWGS FOR DETAILS.
5. NEW FLAGPOLE TO MATCH SIZE, HEIGHT AND MATERIAL OF EXISTING
6. NEW MONUMENT SIGN TO MATCH SIZE, HEIGHT OF EXISTING
7. DEDICATION PLAQUE
8. LOCATION OF SURFACE MOUNTED KNOX VAULT. MODEL 4400, BLACK. MOUNT 3'-8" AFF.
9. EXISTING OPENING INFILL. REFER TO DETAIL 4/A502 . NEW GWB FINISH TO ALIGN WITH EXISTING ADJACENT SURFACE.
10. FOR ADDITIONAL INFORMATION REFER TO TYPICAL CLASSROOM ELEVATIONS 24/A402 & 25/A402 .
11. FOR ADDITIONAL INFORMATION REFER TO TYPICAL SCIENCE CLASSROOM PLAN 1/A402.
12. FOR ADDITIONAL INFORMATION REFER TO TYPICAL SCIENCE CLASSROOM PLAN 1/A402.
13. INSTALL NEW DOOR AND FRAME IN EXISTING OPENING WITH HOLD OPEN TO PROVIDE TEMPORARY EXIT DURING CONSTRUCTION
14. REPLACE EXISTING TOILET ACCESSORIES
15. INSTALL FULL HEIGHT 4" MECHANICALLY FASTENED STAINLESS STEEL CORNER GUARD ABOVE WALL BASE.
16. 12' 1" LONG TACK STRIP. INSTALL 8" OFF OF ADJACENT DOOR FRAME. INSTALL BOTTOM @ 6' - 0".
17. TWO TACK STRIPS, EACH 15'-0" LONG. INSTALL CENTERED ON CEILING ABOVE. MOUNT BOTTOM @ 6' - 0".

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NEW CONSTRUCTION FIRST FLOOR PLAN

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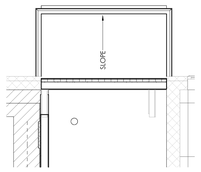
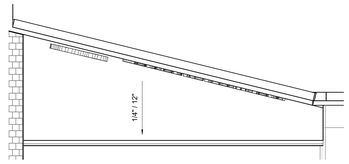
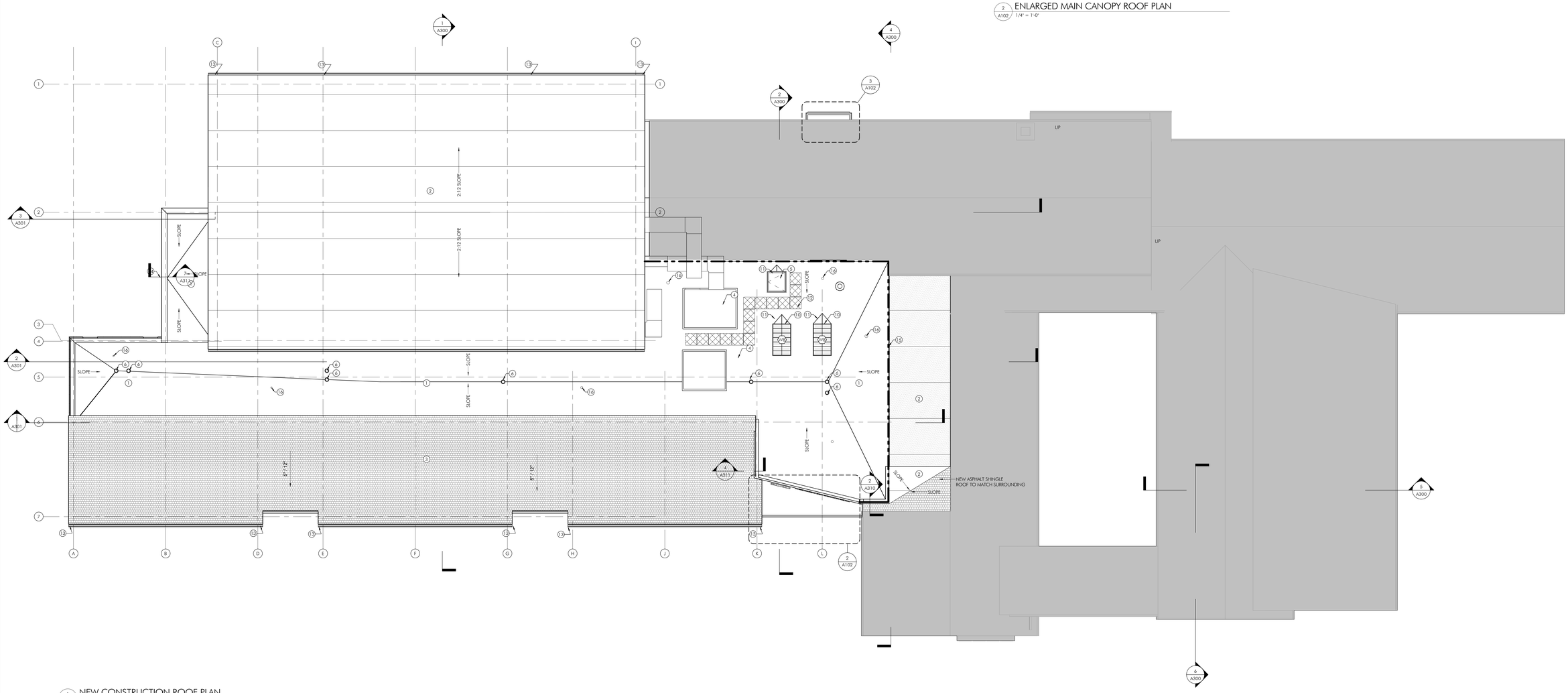


3 A102 ENLARGED REAR ENTRY CANOPY ROOF PLAN
1/4" = 1'-0"



2 A102 ENLARGED MAIN CANOPY ROOF PLAN
1/4" = 1'-0"



1 A102 NEW CONSTRUCTION ROOF PLAN
1/8" = 1'-0"

NEW CONSTRUCTION ROOF PLAN SHEET NOTES

1. PROVIDE FULLY-ADHERED ROOF SYSTEM. ALL ROOFING MATERIALS AND INSTALLATION SHALL CONFORM TO MANUFACTURER'S REQUIREMENTS FOR A MINIMUM 20-YEAR WARRANTY. REFER TO SPECIFICATIONS FOR ADD'L INFORMATION.
2. FURNISH AND INSTALL POLYISOCYANURATE INSULATION MECHANICALLY FASTENED TO METAL ROOF DECK. ROOF SLOPE ACHIEVED WITH BUILT UP INSULATION.
3. FURNISH AND INSTALL 30 YEAR WARRANTY, 90 MIL FULLY ADHERED EPDM MEMBRANE ROOF, INSTALL VERTICALLY ON PARAPETS AND HORIZONTALLY ACROSS TOPS OF PARAPETS.
4. INSTALL TAPERED INSULATION CRICKETS AT THE DRAINS AND AT ALL EQUIPMENT AS NEEDED TO DIRECT WATER AROUND EQUIPMENT TO DRAIN.
5. INSTALL PREFINISHED METAL ROOF COPING.
6. FURNISH AND INSTALL ROOF HATCH SAFETY RAIL
7. PROVIDE CRICKETS AT ROOF HIGH SIDE OF HVAC EQUIPMENT TO DRAIN WATER AROUND UNITS.
8. GC TO SEAL ALL ROOF PENETRATIONS. COORDINATE WITH ALL MEP AND STRUCTURAL PENETRATIONS.
9. REFER **TO A506** FOR TYPICAL ROOF DETAILS.
10. ALL EXTERIOR WALL AND ROOF PENETRATIONS TO BE MADE BY GC. REFER TO MECH. AND ELEC. DWGS FOR PENETRATIONS REQUIRED. MC AND EC TO PROVIDE FINAL SIZE AND LAYOUT ON SITE FOR GC COORDINATION.
11. MECHANICAL EQUIPMENT SHOWN FOR REFERENCE. REFER TO MECH. DWGS FOR ADDL INFO.
12. ROOF DETAILS ARE GUIDELINES. ACTUAL DETAILS USED MUST CONFORM TO ROOFING MANUFACTURER'S APPROVED SYSTEM DETAILS TO INSURE MANUFACTURER'S WARRANTIES ARE MAINTAINED.
13. EXISTING ROOF IS UNDER WARRANTY, ALL NEW WORK TO THE ROOF SHALL BE CERTIFIED SO THE WARRANTY REMAINS IN PLACE. ALL NEW ROOFING WORK SHALL BE PERFORMED BY AN AUTHORIZED ROOFING CONTRACTOR FOR THE EXISTING ROOF.
14. ALL CURBS/RAILS ARE TO BE INSTALLED LEVEL UNO, WITH THE TOP OF THE CURB/RAIL TO BE A MINIMUM 8" ABOVE FINISH ROOF.
15. ALL WOOD BLOCKING PROVIDED BY GC AT THE ROOF LEVEL TO BE PRESSURE TREATED.

NEW CONSTRUCTION ROOF PLAN SHEET KEYNOTES

1. ROOF TYPE 1: EPDM ON BUILT UP INSULATION MINIMUM 6" POLYISO ON STEEL DECK ON FLAT AND SLOPING STEEL ROOF JOISTS
2. ROOF TYPE 2: GRANULE-SURFACED SBS SELF-ADHERING MODIFIED BITUMEN ROOFING SYSTEM ON BUILT UP INSULATION. REFER TO STRUCTURAL DWGS FOR ADDITIONAL INFORMATION
3. ROOF TYPE 3: SLOPING ASPHALT SHINGLE ROOF WITH BUILT UP INSULATION ON SLOPING STEEL DECK AND SLOPING STEEL
4. MECHANICAL ROOFTOP UNIT. COORDINATE WITH MEP DRAWINGS FOR ADDITIONAL INFORMATION.
5. ROOF HATCH. BILCO MODEL TYPE F-50TB (THERMALLY BROKEN) 48" X 48"
6. ROOF DRAIN AND OVERFLOW DRAIN
7. EXPANSION JOINT IN ROOF DECK, INSULATION AND MEMBRANE.
8. DOWNSPOUTS
9. ROOF DRAIN W/ OVERFLOW. OVERFLOW PIPED TO PERIMETER WALL W / SCUPPER
10. 4X7' SKYLIGHT MOUNTED ON CURB. BOD KALWALL S-LINE
11. CRICKETS AT ROOF PENETRATIONS FROM EPDM ON TAPERED INSULATION
12. PROVIDE WALKWAY PAVERS TO ROOFTOP EQUIPMENT
13. LOCATION OF DOWNSPOUTS, REFER TO ELEVATIONS.
14. LOCATION OF THROUGH WALL SCUPPER, REFER TO ELEVATIONS.
15. EXTEND ROOF ASSEMBLY TO LINE OF RATED FIRE BARRIER WALL
16. MECHNICAL VENT THROUGH ROOF. SEE MEPFP DRAWINGS FOR ADDITIONAL INFORMATION.

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OUT OF ARCHITECTURAL SCOPE

ISSUE HISTORY

#	DATE	ISSUED FOR
1	2026-10-05	BID ISSUE

SHEET TITLE

NEW CONSTRUCTION ROOF PLAN

DRAWING NUMBER

A102

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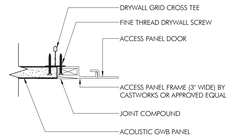
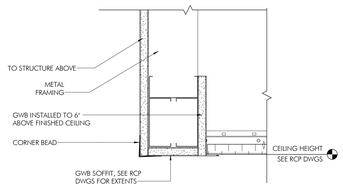
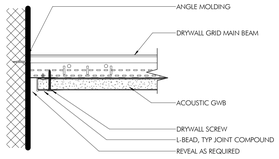


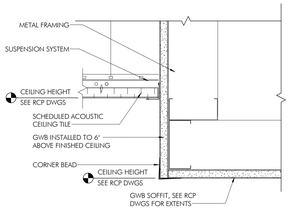
C4 CEILING TRANSITION - ACCESS PANEL



C2 CEILING TRANSITION - ACT TO GWB SOFFIT TO DECK



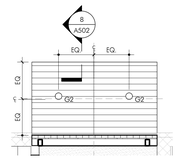
C3 CEILING TRANSITION - ACOUSTIC GWB TO WALL



C1 CEILING TRANSITION - ACT TO GWB SOFFIT

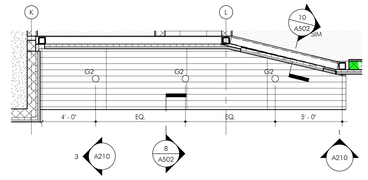
CEILING TRANSITION DETAILS

N.T.S.



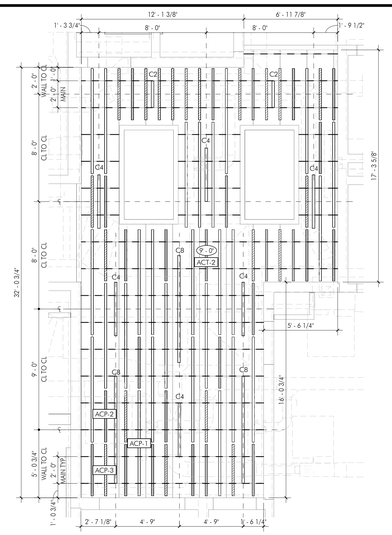
4 A110 ENLARGED REAR ENTRANCE CANOPY RCP

1/4" = 1'-0"



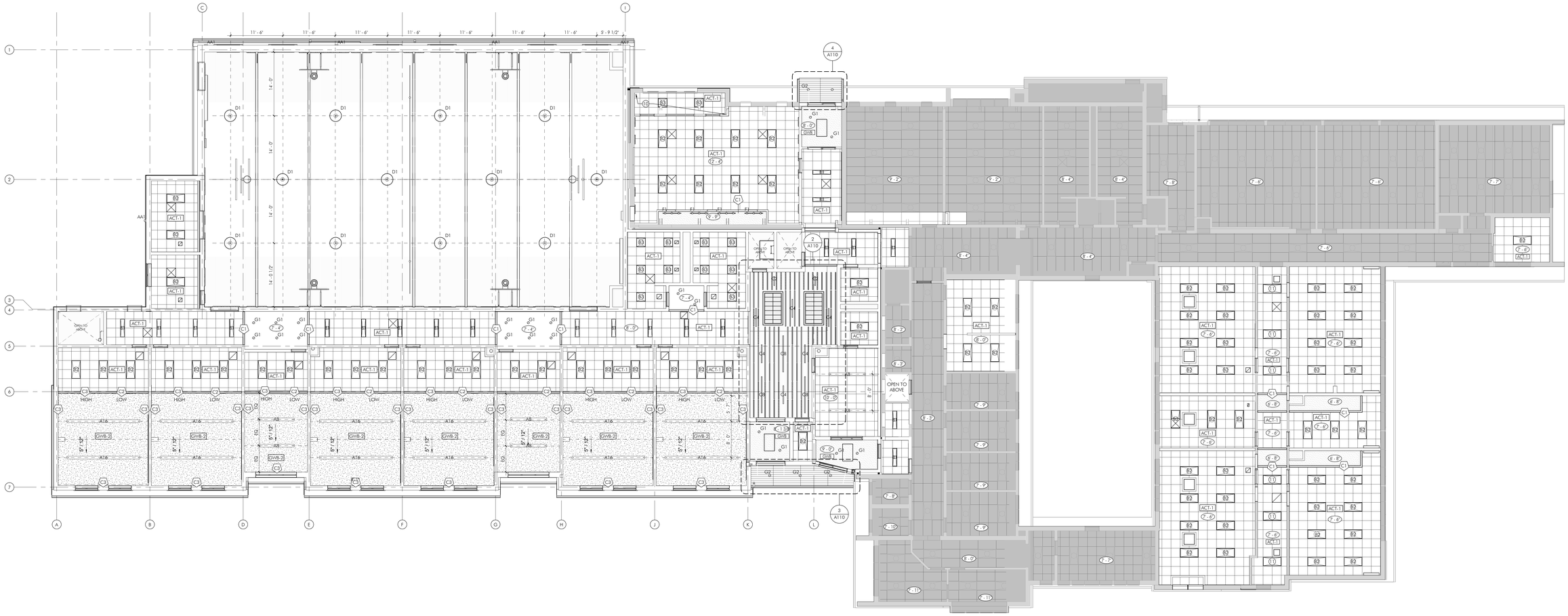
3 A110 ENLARGED MAIN ENTRANCE CANOPY RCP

1/4" = 1'-0"



2 A110 ENLARGED LOBBY RCP

1/4" = 1'-0"



1 A110 NEW CONSTRUCTION FIRST FLOOR REFLECTED CEILING PLAN

1/8" = 1'-0"

NEW CONSTRUCTION RCP SHEET NOTES

1. ALL DIMENSIONS **TO FINISHED FACE**, UNLESS NOTED OTHERWISE.
2. PAINT GWB CEILINGS AND UNDERSIDES OF SOFFIT P-6 UNO.
3. ALL IN SCOPE ROOMS RECEIVE CEILING TYPE ACT-1 UNO. SEE FINISH SCHEDULE AND SPECIFICATIONS FOR MORE INFORMATION.
4. **REFER TO THIS SHEET** FOR CEILING TRANSITION DETAILS.
5. CEILING HEIGHTS ARE FROM THE FINISHED FLOOR.
6. CEILING TILES TO BE CENTERED IN ROOM, TYP, UNO.
7. ACT TILES SHALL NOT BE LESS THAN 4". NOTIFY ARCHITECT OF ANY DISCREPENCIES.
8. REFER TO **INTERIOR ELEVATIONS** FOR MOUNTING HEIGHTS OF WALL MOUNTED FIXTURES.
9. UNLESS NOTED OTHERWISE, ALL CEILING HEIGHTS ARE TO BE **8' - 0" AFF**.
10. UNLESS NOTED OTHERWISE, CENTER ALL FIXTURES IN CEILING TILES.
10. AT ETS (EXPOSED TO STRUCTURE) PAINTED LOCATIONS:
    A. PAINT SCOPE FOR ETS CEILINGS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING ITEMS. COORDINATE FINAL PAINT SCOPE **WITH MEP/FP CONTRACTORS AND** THE ARCHITECT.
       a. PAINT EXPOSED STRUCTURE, DECK, PIPING, DUCTS, INSULATION, LOUVERS, GRILLES, ACOUSTIC CEILINGS, CONDUIT.
11. UNLESS NOTED OTHERWISE, ALL LIGHT FIXTURES ARE NEW THROUGHOUT. SEE LIGHT FIXTURE SCHEDULE FOR SPECIFICATIONS.
12. REFER TO MEP/FP DRAWINGS FOR ADDITIONAL INFORMATION.
13. CENTER ALL EXIT SIGNS OVER DOOR OR OPENING, UNO.
14. COORDINATE GWB FRAMING AND GWB INSTALLATION W/ ALL MEPFP CEILING EQUIPMENT, FIXTURES, AND GRIDS.
15. IN AREAS NOT SHOWN IN ARCHITECTURAL SCOPE OF WORK IN WHICH INFRASTRUCTURE NEEDS TO BE RUN ABOVE CEILINGS, PRIMES COMPLETING THE WORK, ARE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF TILES. ANY DAMAGE TO TILES, GRIDS, OR FIXTURES, WILL REQUIRE REPLACEMENT AND IS THE RESPONSIBILITY OF PRIME COMPLETING WORK.

NEW CONSTRUCTION RCP SHEET KEYNOTES

1. OPEN TO STRUCTURE ABOVE
2. DECK / STRUCTURE & EXPOSED INFRASTRUCTURE ABOVE CEILING TO BE PAINTED
3. GYMNASIUM DIVIDER CURTAIN.
4. MAIN COURT BASKET. CEILING SUSPENDED.
5. CROSS COURT BASKET. WALL MOUNTED.
6. ACT CEILING
7. PTD GWB CEILING
8. PTD ACOUSTIC CEILING.
9. SOUND ABSORBING BAFFLES
10. SLOPED CEILING CONDITION ABOVE, EXTEND MAIN CLASSROOM CEILING ABOVE.
11. RE-ORIENTED EXISTING 2X4 LIGHTING FIXTURES

CENTER FOR STUDENT LEARNING CHARTER SCHOOL AT PENNSBURY

345 Lakeside Drive
Levittown, PA 19054

HSA PROJECT # :24-014

Heckendorn Shiles Architects

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NEW CONSTRUCTION REFLECTED CEILING PLAN

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A110

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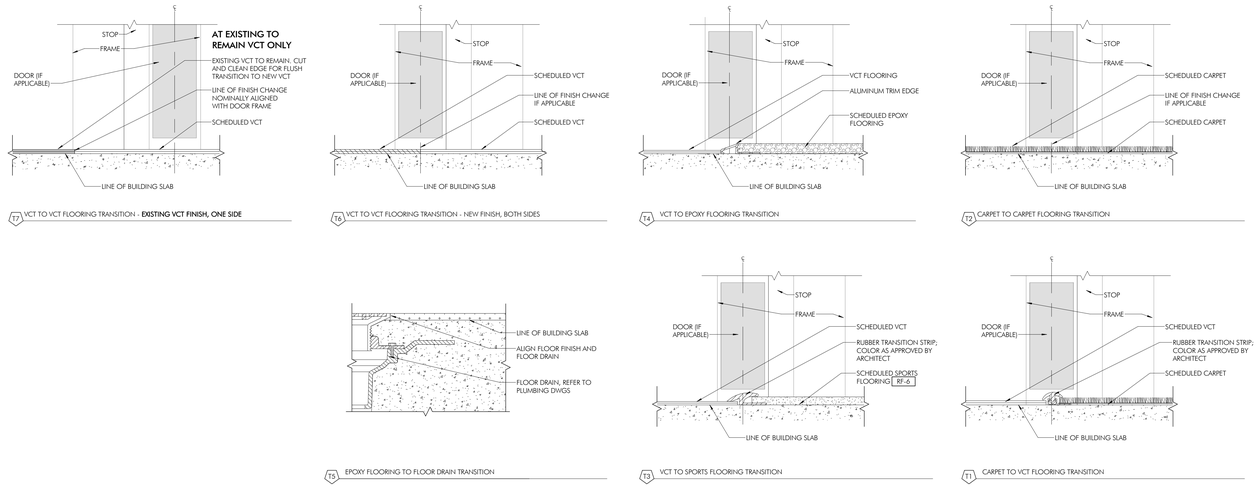
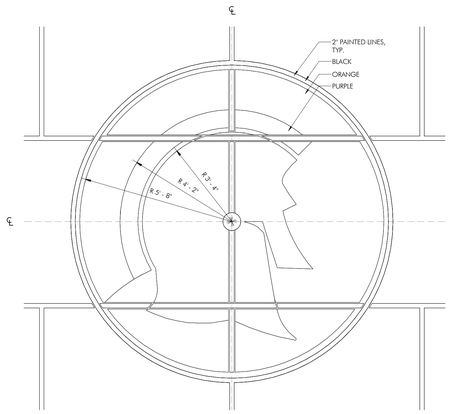
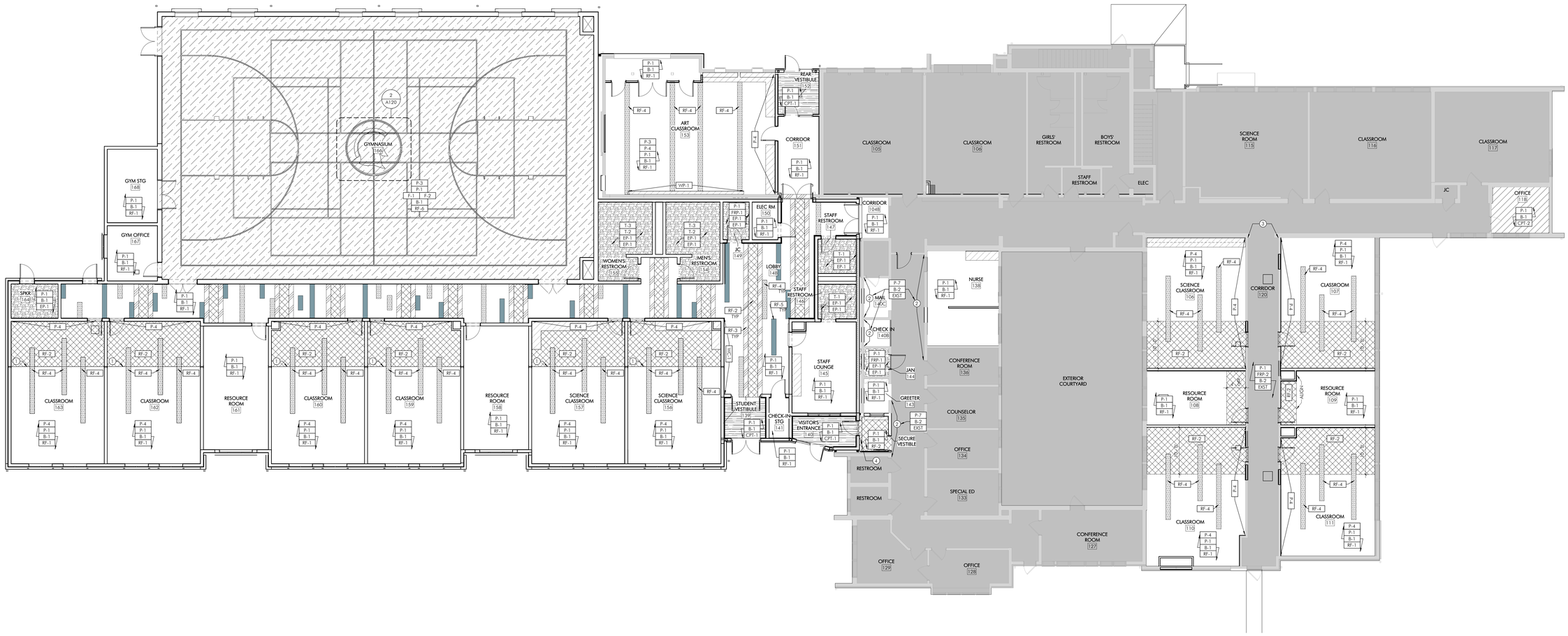


3 A120 FLOORING TRANSITION DETAILS
6" = 1'-0"



2 A120 ENLARGED DETAIL PLAN AT GYM LOGO
1/2" = 1'-0"



1 A120 NEW CONSTRUCTION FLOOR FINISH PLAN
1/8" = 1'-0"

SHEET NOTES

1. PAINT WALLS P-1 UNO.
2. PROVIDE WALL BASE B-1 UNO.
3. PAINT HM DOORS AND FRAMES P-2 UNO.
4. REFER TO 3/A500 FOR TILE TRANSITION DETAILS
5. REFER TO THIS SHEET FOR FLOOR TRANSITION DETAILS.
6. PATCH EXISTING FLOOR, WALL, BASE, AND CEILING FINISHES FOR A SEAMLESS FINISH. EXTEND SCOPE OUTSIDE OF AREA INDICATED AS REQUIRED TO ACHIEVE A DURABLE AND FINISHED LOOK AVOIDING CLEAR JOINTS AT CONSTRUCTION START / STOP POINTS. PARTIALLY REMOVE EXISTING FINISHES AS REQUIRED TO ACHIEVE THIS LOOK.
7. CENTER ALL FLOOR PATTERNS IN ROOMS AND CORRIDORS UNO.
8. EXTEND FLOORING MATERIAL INTO ALL CLOSETS, APPLIANCE BAYS AND AT OPEN COUNTERS, UNO.
9. PROVIDE FLUSH FINISH AT CHANGED IN FLOORING MATERIAL USING FLASH PATCHING OR OTHER ARCHITECT APPROVED METHOD. ALIGN TRANSITIONS TO THE CENTER OF DOORS, WHERE APPLICABLE, UNO.
10. USE MANUFACTURER'S RECOMMENDATIONS FOR ADHESIVES AT ALL SEAMS, JOINTS, AND EDGES TO ASSURE STABILITY.
11. PREPARE EXISTING FLOOR SURFACES PER MANUFACTURER'S RECOMMENDATIONS, FILL UNEVEN AREAS, AND REMOVE ALL LUMPS AND PROJECTIONS FOR A FLUSH SURFACE.
12. REFER TO ELEVATIONS FOR ADDITIONAL ACCENT PAINT LOCATIONS.
13. REFER TO A6 SERIES FOR FINISH SCHEDULE.
14. REFER TO 1/A402 TYPICAL SCIENCE CLASSROOM FLOOR PLAN FOR CLASSROOM FLOOR PATTERN. VERIFY FINAL LAYOUT WITH ARCHITECT.

SHEET KEYNOTES

1. ALIGN FLOOR PATTERN WITH CEILING. PROVIDE FACTORY EDGE AT JOINT LINE.
2. PATCH FLOOR, WALL, BASE, AND CEILING FINISHES FOR A SEAMLESS FINISH. EXTEND SCOPE OUTSIDE OF AREA INDICATED AS REQUIRED TO ACHIEVE A DURABLE AND FINISHED LOOK AVOIDING CLEAR JOINTS AT CONSTRUCTION START / STOP POINTS. PARTIALLY REMOVE EXISTING FINISHES AS REQUIRED TO ACHIEVE THIS LOOK.
3. FINISH TERMINATION POINT.
4. CONTROL JOINT.

FLOOR FINISH LEGEND

X# — FLOOR FINISH ONLY

X# / X# / X# — WALL FINISH, WALL BASE, FLOOR FINISH

*NOTE: WHEN MORE THAN 3 FINISH TAGS ARE SHOWN, REFER TO ELEVATIONS, DETAILS AND FINISH SCHEDULE FOR TYPICAL LOCATIONS WITHIN THE ROOM

X# — FINISH TO EXTENT INDICATED BY ARROWS

T1 — TRANSITION TYPE

RF-1, CPT-1, RF-2, CPT-2, RF-3, EP-1, RF-4, RF-5, RF-6

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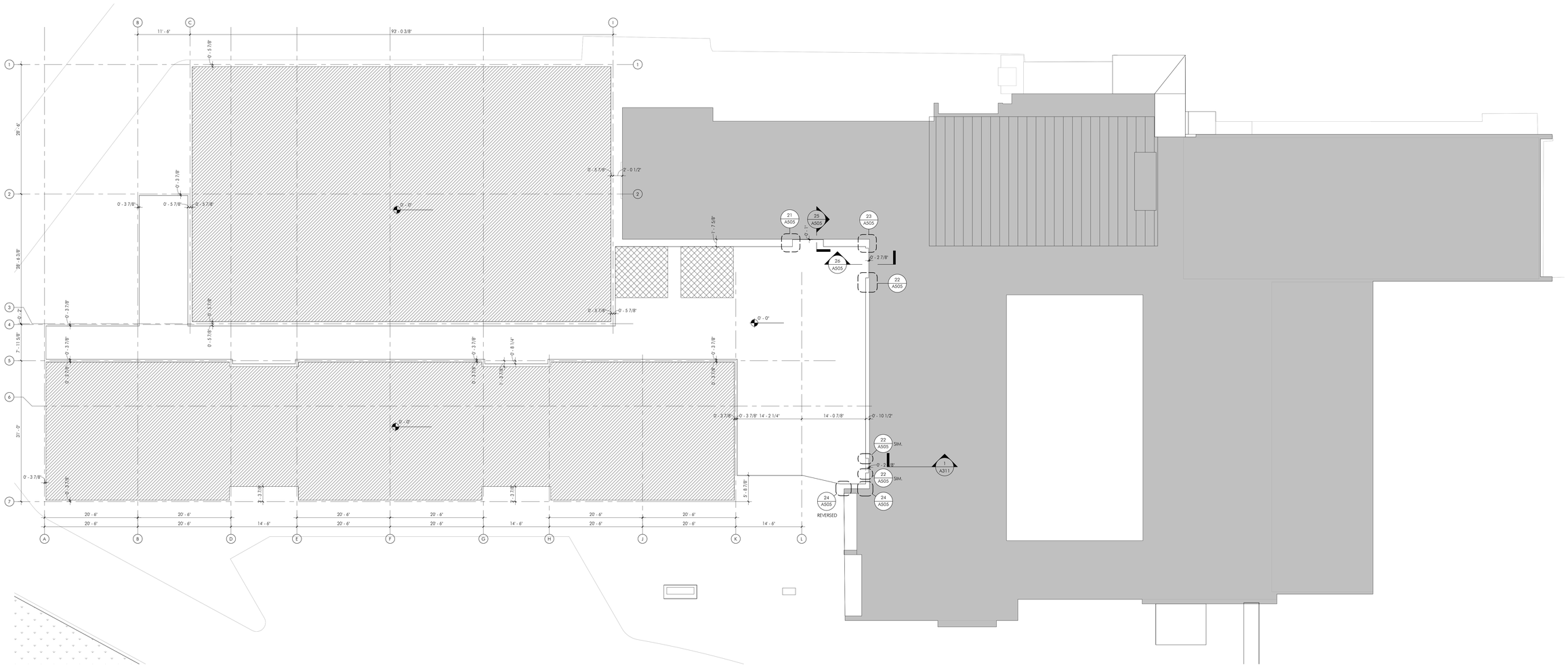

1 / A130 NEW CONSTRUCTION FIRST FLOOR SLAB EDGE PLAN

1/8" = 1'-0"

SLAB EDGE SHEET NOTES

1. COORDINATE AND CONFIRM ALL ALL SLAB PENETRATIONS FOR MEPFP SYSTEMS. REFER TO MEPFP DWGS FOR ADDL INFO.
2. SEE STRUCTURAL DRAWINGS FOR SPECIFICATIONS & DETAILS OF CONCRETE SLABS.
3. REFER TO A500 FOR TRANSITION DETAILS BETWEEN SLABS
4. ALL DIMENSIONS TIE COLUMN GRID TO EDGE OF SLAB U.N.O.
5. NOT ALL SLAB PENETRATIONS / OPENINGS ARE SHOWN. REFER TO MEPFP DWGS FOR ALL SLAB PENETRATION REQUIREMENTS. COORDINATE LOCATIONS AS REQUIRED.
6. COORDINATE SLOPING SLAB TO ALL FLOOR DRAINS AS SHOWN IN TRANSITION DETAILS ON SHEET A500. COORDINATE WITH PLUMBING DWGS.
7. NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN PARTITION LAYOUTS AND SLAB PLANS.

SLAB EDGE LEGEND

- EXISTING DOK PLANK
- EXISTING SLAB
- 4" SLAB ON GRADE
- 5" SLAB ON GRADE
- SLOPING SLAB

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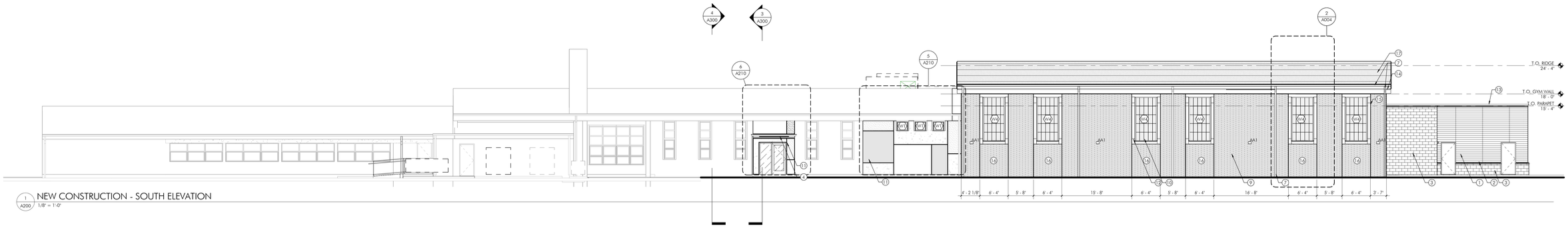
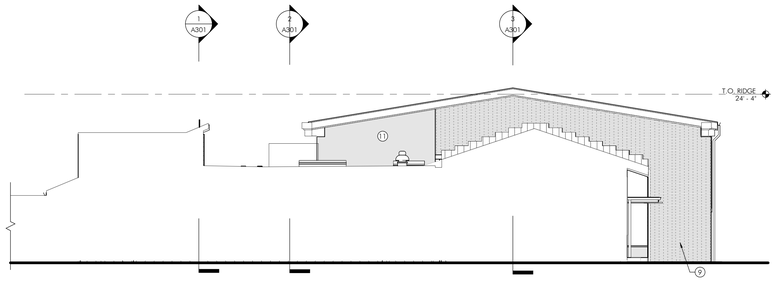
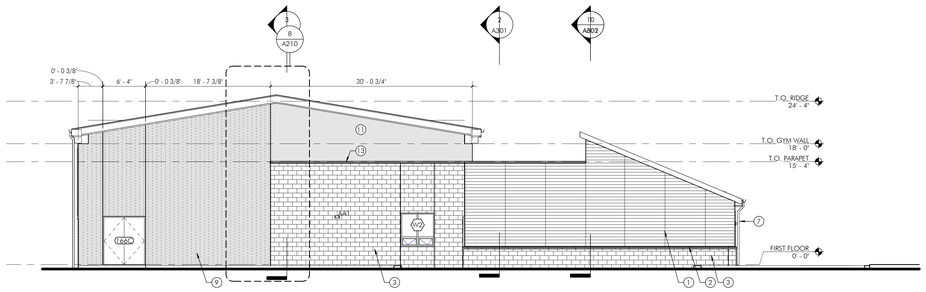


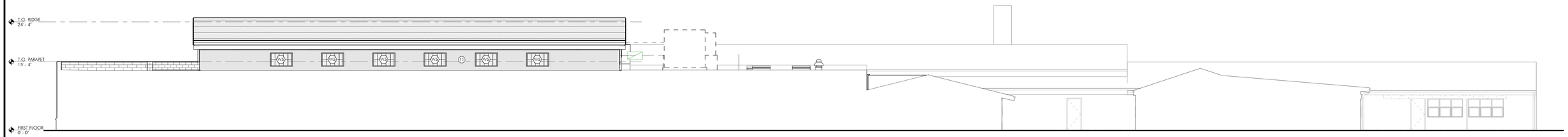
1 A200 NEW CONSTRUCTION - SOUTH ELEVATION
1/8" = 1'-0"



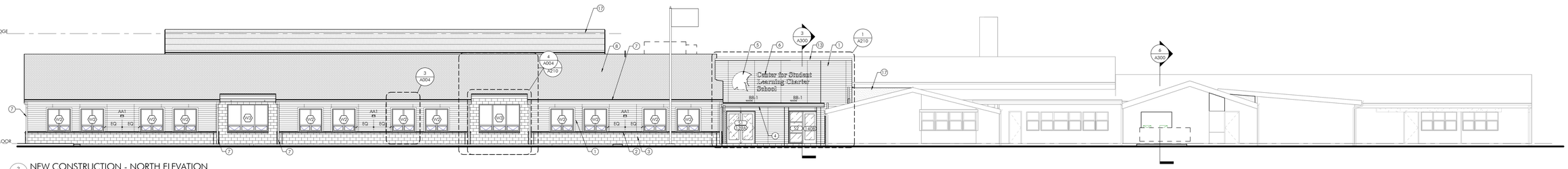
4 A200 NEW CONSTRUCTION - WEST ELEVATION
1/8" = 1'-0"



3 A200 NEW CONSTRUCTION - EAST ELEVATION
1/8" = 1'-0"



5 A200 NEW CONSTRUCTION - NORTH ELEVATION BEYOND
1/8" = 1'-0"



2 A200 NEW CONSTRUCTION - NORTH ELEVATION
1/8" = 1'-0"

SHEET KEYNOTES

1. FIBER CEMENT SIDING, BOD NICHIHA, LATURA V GROOVE
2. MASONRY WAINSCOT SILL TRANSITIONS BETWEEN FIBER CEMENT AND MASONRY VENEER
3. MASONRY VENEER TYPE: RS; BOD SHOULDICE, ROCK STONE, COLOR TBD
4. BUILDING MOUNTED CANOPY. SEE STRUCTURAL FOR ADDITIONAL INFORMATION
5. BUILDING MOUNTED DIMENSIONAL SIGNAGE
6. BUILDING MOUNTED DIMENSIONAL LETTERING
7. SQUARE ALUMINUM GUTTERS AND DOWNSPOUTS WITH CAST IRON BOOTS.
8. ASPHALT SHINGLE ROOF
9. MASONRY VENEER TYPE: UB; BOD SHOULDICE, URBAN BRICK SMOOTH, COLOR TBD
10. KALWALL
11. EIFS, BOD SIKA SENERGY, VARIOUS COLORS AND TEXTURES TBD
12. MASONRY WINDOW SURROUNDS, BOD SHOULDICE IN SMOOTH TEXTURE, COLOR TBD
13. PAINTED STEEL COPING. COLOR TO MATCH GUTTER AND DOWNSPOUTS
14. FRP CORNICE, BOD FIBERGLASS TECHNOLOGIES, PROFILE: CR-089A
15. VERTICAL VENEER EXPANSION JOINT, TYP. AT OPENINGS. SEE DETAILS FOR MORE INFORMATION
16. MASONRY VENEER TYPE: AS; BOD SHOULDICE, APEX STONE, COLOR TBD
17. GRANULE-SURFACED SBS SELF-ADHERING MODIFIED BITUMEN ROOFING SYSTEM

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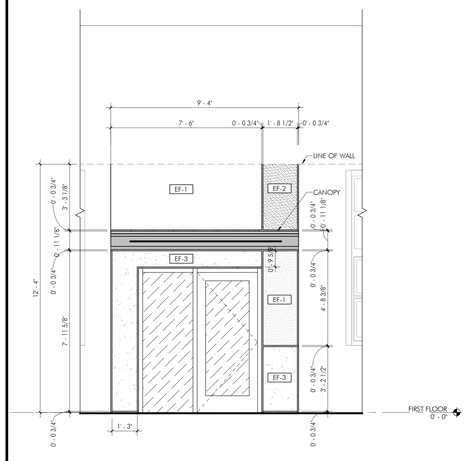
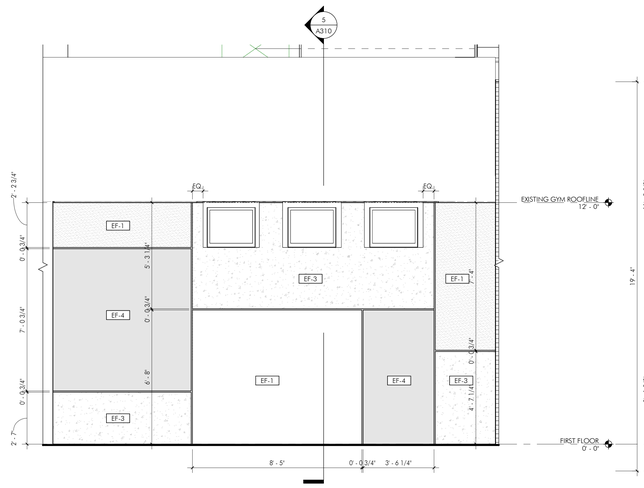
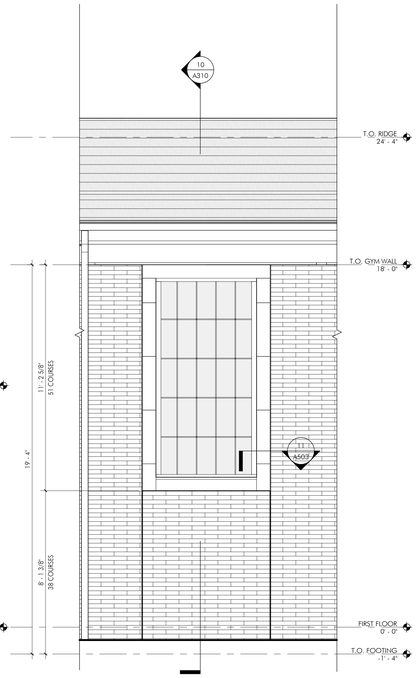


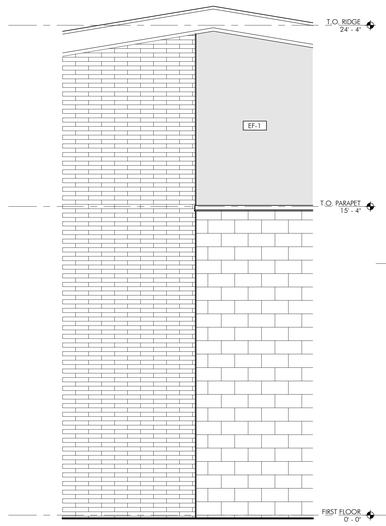
6 A210 PARTIAL ENLARGED ELEVATION @ REAR ENTRANCE
3/8" = 1'-0"



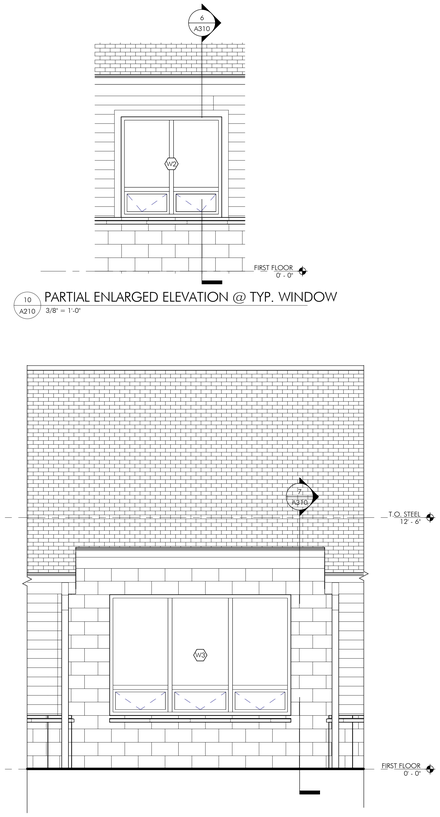
5 A210 PARTIAL ENLARGED ELEVATION @ ART ROOM
3/8" = 1'-0"



4 A210 PARTIAL ENLARGED ELEVATION @ GYM KALWALL
3/8" = 1'-0"

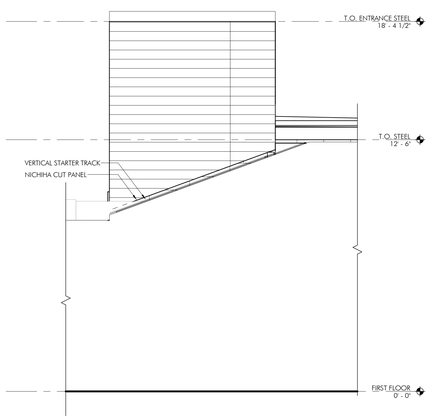


8 A210 PARTIAL ENLARGED ELEVATION @ GYM GABLE END
3/8" = 1'-0"

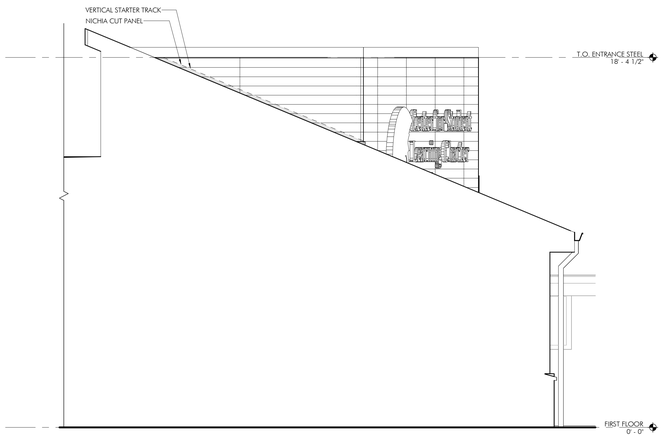


10 A210 PARTIAL ENLARGED ELEVATION @ TYP. WINDOW
3/8" = 1'-0"

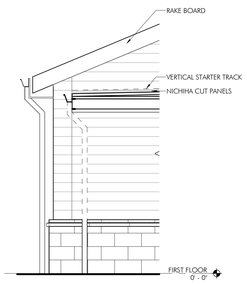
2 A210 PARTIAL ENLARGED ELEVATION @ TYP. CLASSROOM
3/8" = 1'-0"



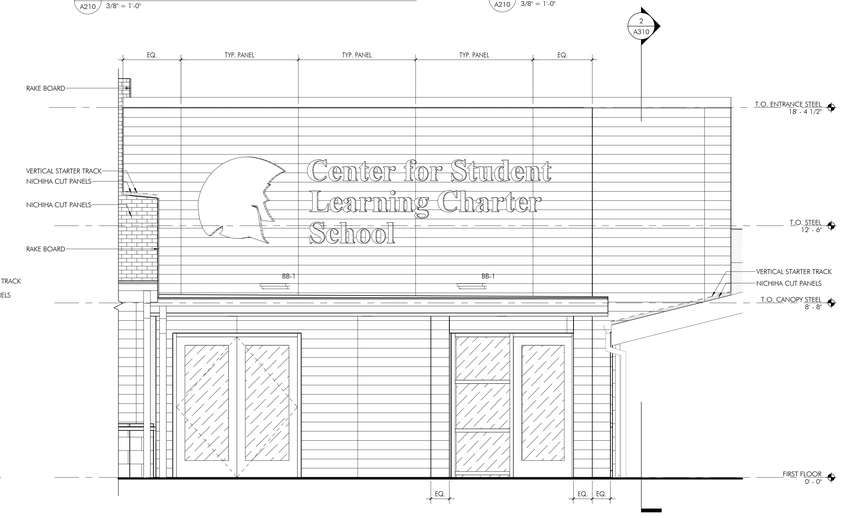
9 A210 PARTIAL ENLARGED ELVEVATION @ ROOF OVERFRAMING
3/8" = 1'-0"



7 A210 ENLARGED PARTIAL ELEVATION @ PITCHED ROOF
3/8" = 1'-0"



3 A210 PARTIAL ENLARGED ELEVATION @ CANOPY
3/8" = 1'-0"



1 A210 PARTIAL ENLARGED ELEVATION @ MAIN ENTRANCE
3/8" = 1'-0"

SHEET KEYNOTES

1. FIBER CEMENT SIDING, BOD NICHIHA, LATURA V GROOVE
2. MASONRY WAINSCOT SILL TRANSITIONS BETWEEN FIBER CEMENT AND MASONRY VENEER
3. MASONRY VENEER TYPE: RS; BOD SHOULDICE, ROCK STONE, COLOR TBD
4. BUILDING MOUNTED CANOPY. SEE STRUCTURAL FOR ADDITIONAL INFORMATION
5. BUILDING MOUNTED DIMENSIONAL SIGNAGE
6. BUILDING MOUNTED DIMENSIONAL LETTERING
7. SQUARE ALUMINUM GUTTERS AND DOWNSPOUTS WITH CAST IRON BOOTS.
8. ASPHALT SHINGLE ROOF
9. MASONRY VENEER TYPE: UB; BOD SHOULDICE, URBAN BRICK SMOOTH, COLOR TBD
10. KALWALL
11. EIFS, BOD SIKA SENERGY, VARIOUS COLORS AND TEXTURES TBD
12. MASONRY WINDOW SURROUNDS, BOD SHOULDICE IN SMOOTH TEXTURE, COLOR TBD
13. PAINTED STEEL COPING. COLOR TO MATCH GUTTER AND DOWNSPOUTS
14. FRP CORNICE, BOD FIBERGLASS TECHNOLOGIES, PROFILE: CR-089A
15. VERTICAL VENEER EXPANSION JOINT, TYP. AT OPENINGS. SEE DETAILS FOR MORE INFORMATION
16. MASONRY VENEER TYPE: AS; BOD SHOULDICE, APEX STONE, COLOR TBD
17. GRANULE-SURFACED SBS SELF-ADHERING MODIFIED BITUMEN ROOFING SYSTEM

CENTER FOR STUDENT LEARNING CHARTER SCHOOL AT PENNSBURY

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HSA PROJECT # :24-014

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NEW CONSTRUCTION ENLARGED ELEVATIONS

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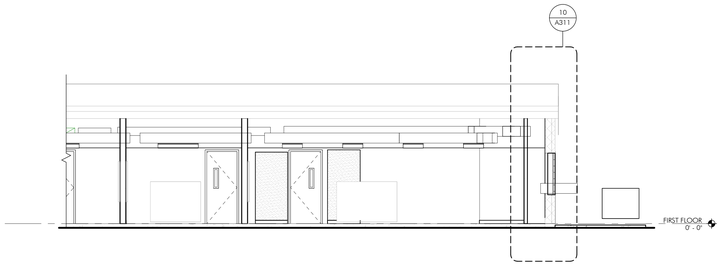
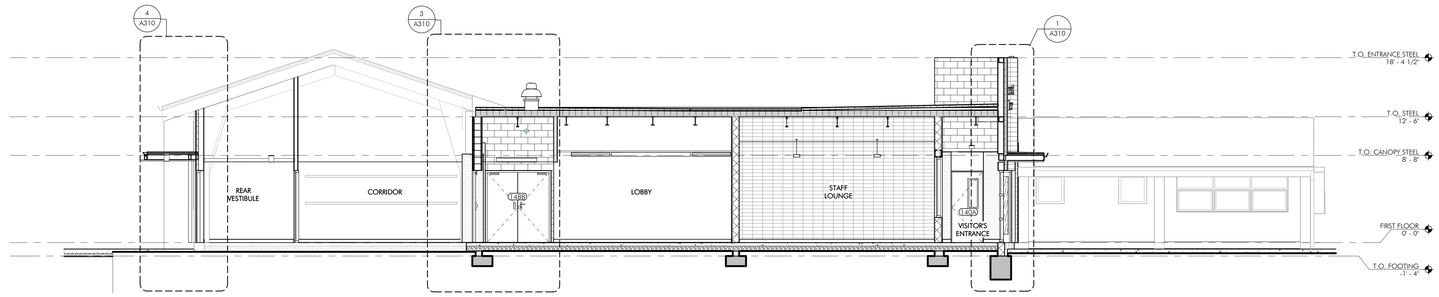
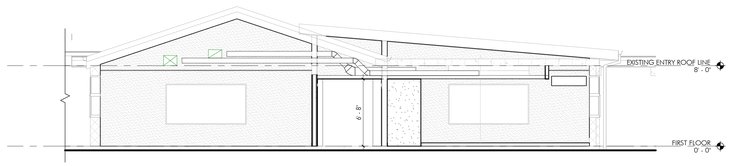


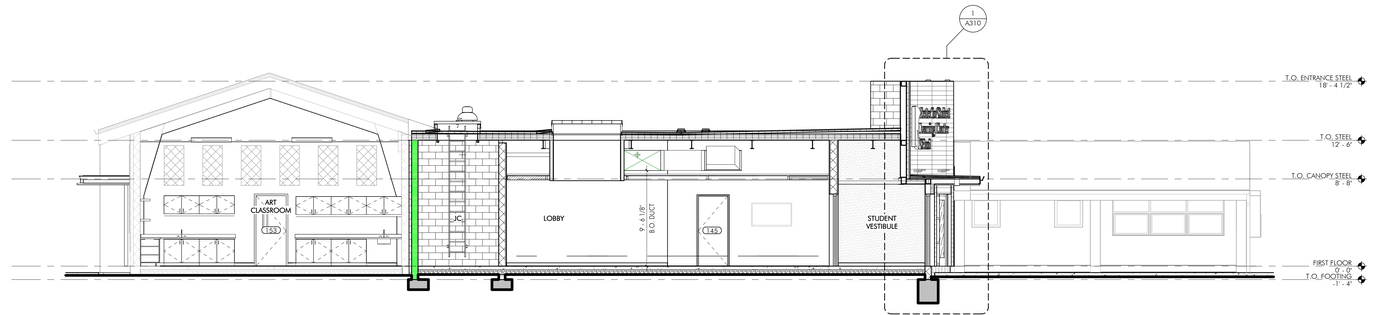
6 A300 NORTH-SOUTH SECTION @ DOAS
3/16" = 1'-0"



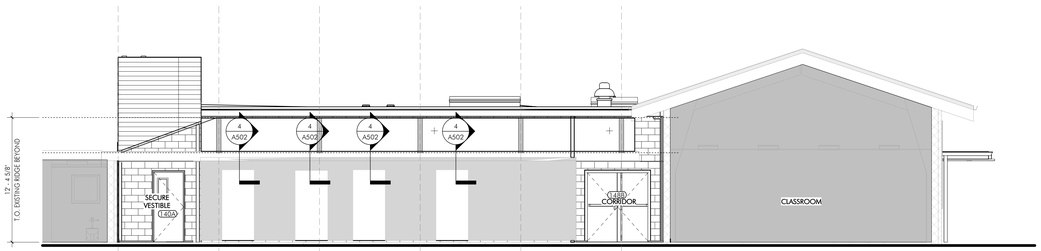
3 A300 NORTH-SOUTH SECTION @ ENTRANCES
3/16" = 1'-0"



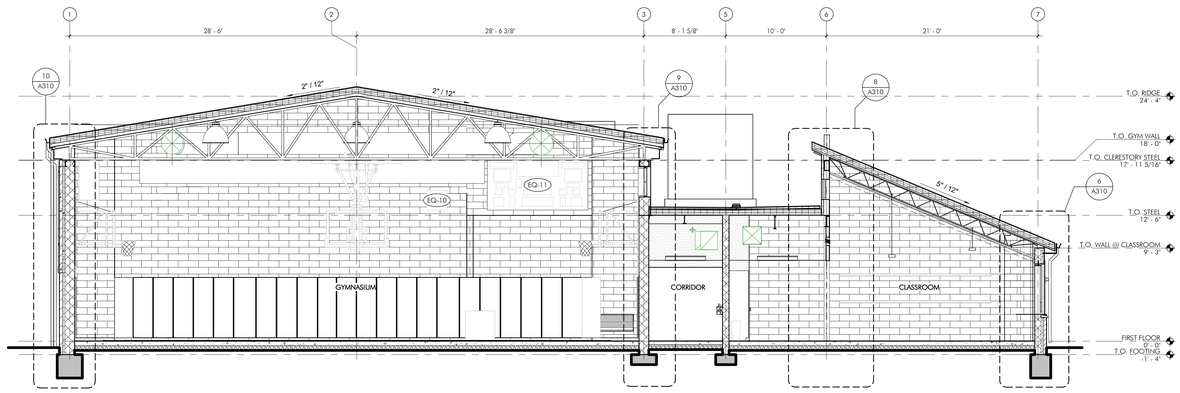
5 A300 EAST WEST SECTION @ PROPOSED WING C CLASSROOMS
3/16" = 1'-0"



2 A300 NORTH-SOUTH SECTION @ EXISTING GYMNASIUM
3/16" = 1'-0"



4 A300 NORTH-SOUTH SECTION @ ROOF OVERFRAMING
3/16" = 1'-0"



1 A300 NORTH-SOUTH SECTION @ PROPOSED GYMNASIUM
3/16" = 1'-0"

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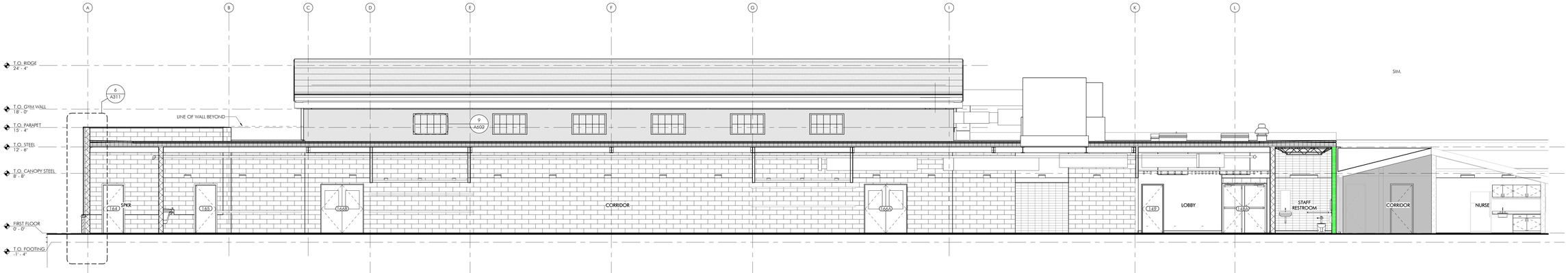
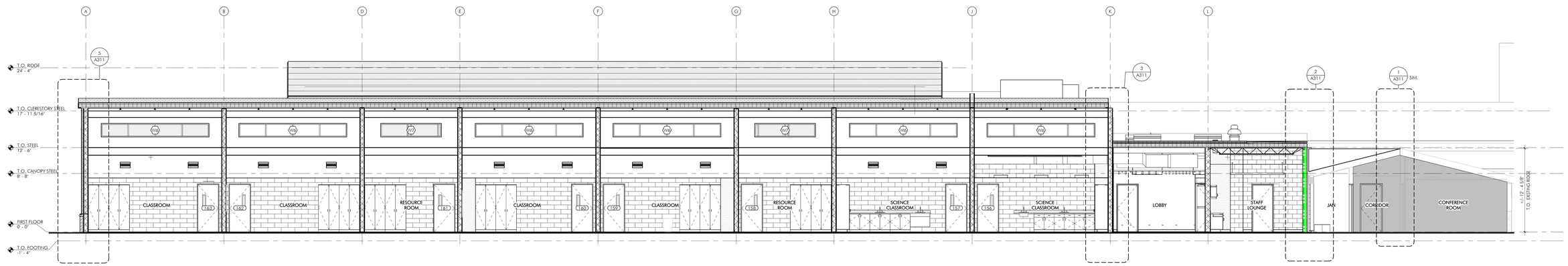
3 A301 EAST-WEST SECTION THROUGH GYMNASIUM
3/16" = 1'-0"



2 A301 EAST-WEST SECTION THROUGH CORRIDOR
3/16" = 1'-0"



1 A301 EAST-WEST SECTION THROUGH CLASSROOMS
3/16" = 1'-0"

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BUILDING SECTIONS - E/W

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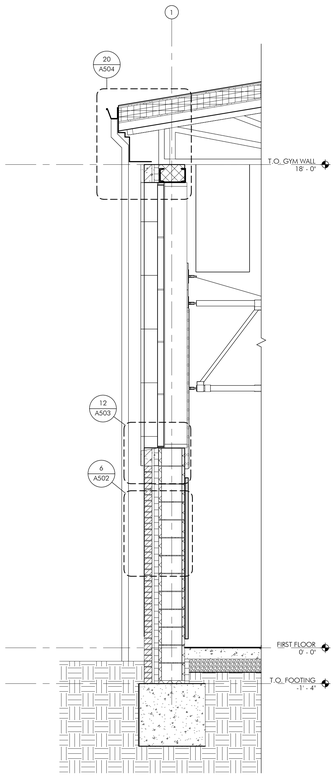
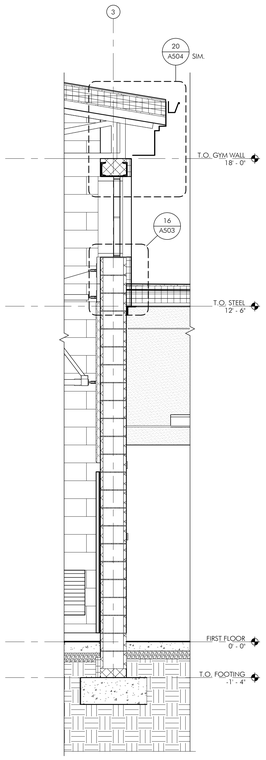
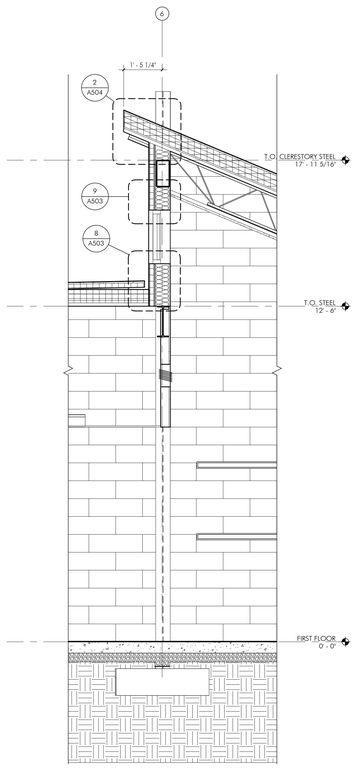


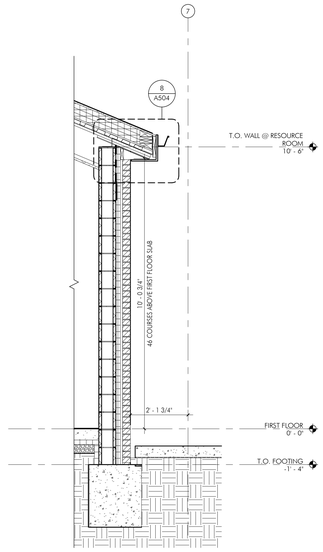
10 A310 NS SECTION @ TYP. GYM KALWALL
1/2" = 1'-0"



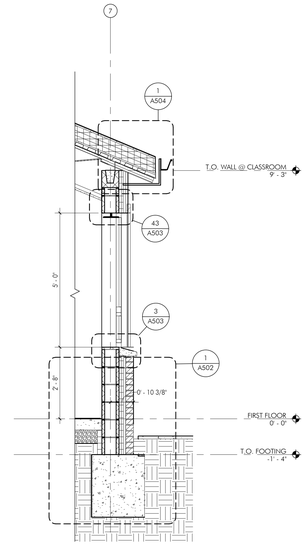
9 A310 NS SECTION @ TYP. GYM CLERESTORY
1/2" = 1'-0"



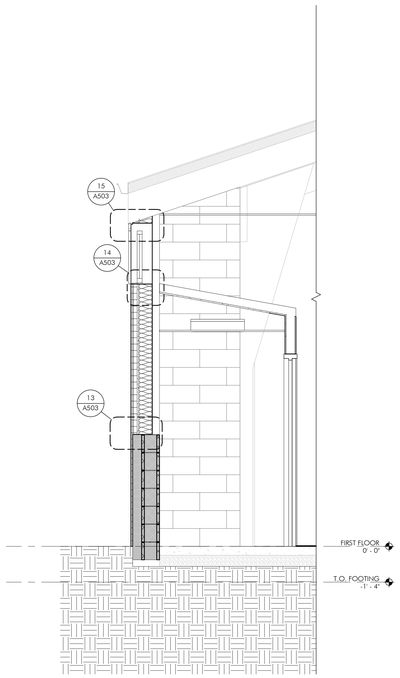
8 A310 NS SECTION @ TYP. CLASSROOM CLERESTORY
1/2" = 1'-0"



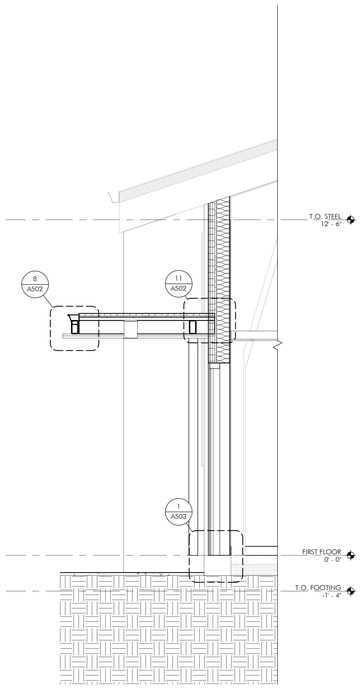
7 A310 N SECTION @ RESOURCE ROOM EXT. WALL
1/2" = 1'-0"



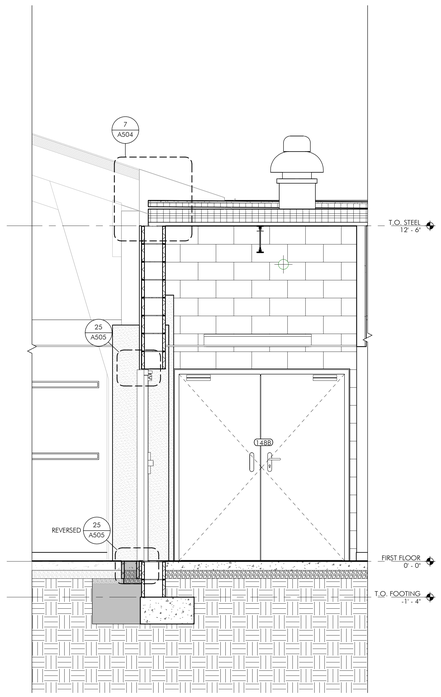
6 A310 NS SECTION @ TYP. CLASSROOM EXT. WALL
1/2" = 1'-0"



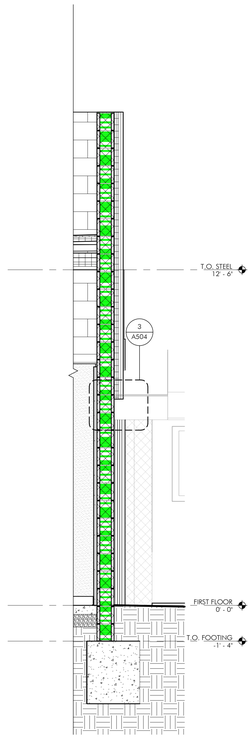
5 A310 NS SECTION @ ART ROOM INFILL WALL
1/2" = 1'-0"



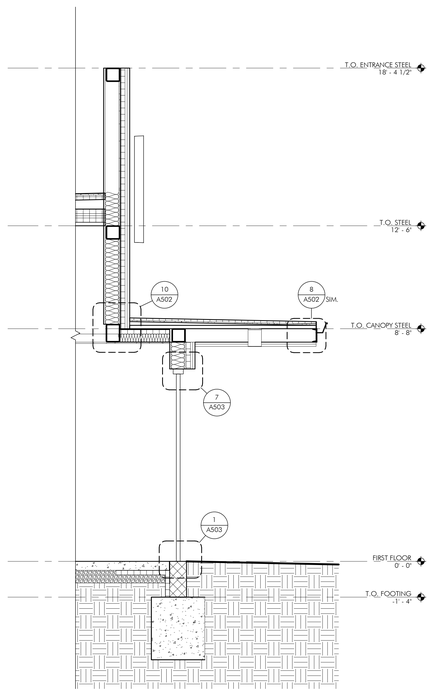
4 A310 NS SECTION @ REAR ENTRANCE
1/2" = 1'-0"



3 A310 NS SECTION @ FIRE BARRIER TO CORRIDOR
1/2" = 1'-0"



2 A310 NS SECTION @ FIRE BARRIER AND EXISTING EXT. WALL
1/2" = 1'-0"



1 A310 NS SECTION @ MAIN ENTRANCE
1/2" = 1'-0"

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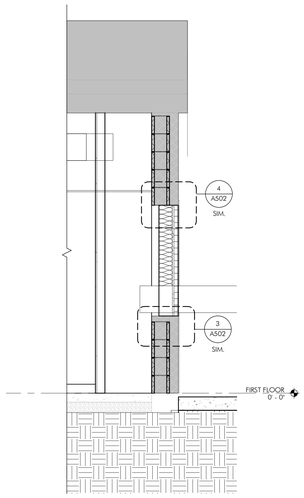
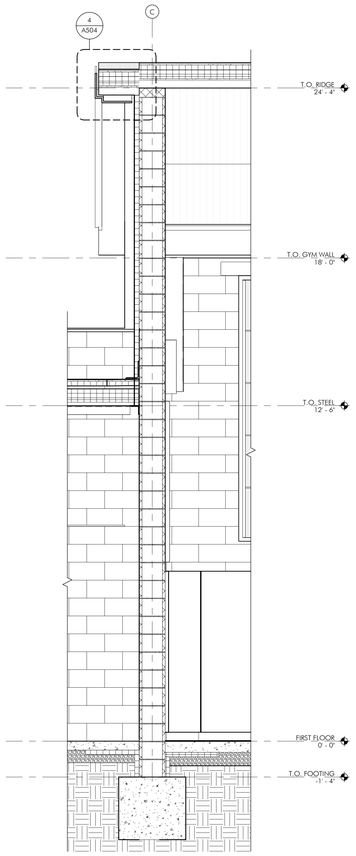
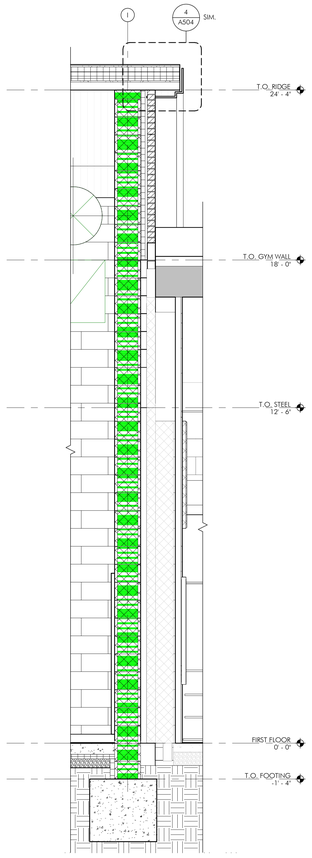


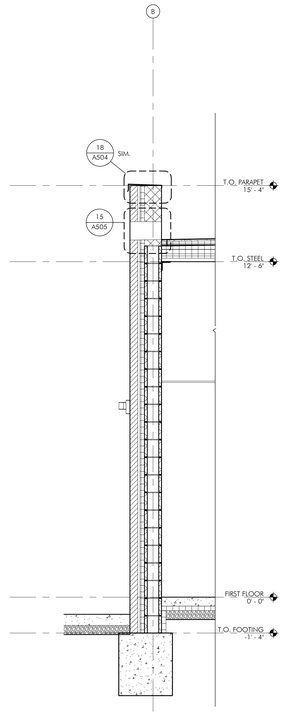
10 A311 WALL SECTION @ DOAS INFILL WALL
1/2" = 1'-0"



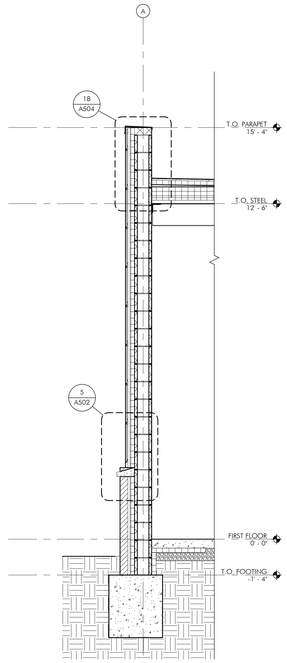
9 A311 WALL SECTION - GYM EAST GABLE WALL
1/2" = 1'-0"



8 A311 WALL SECTION - GYM GABLE WALL AND ART ROOM
1/2" = 1'-0"



7 A311 WALL SECTION - FULL HEIGHT VENEER MASONRY
1/2" = 1'-0"



6 A311 WALL SECTION - FIBER CEMENT & MASONRY VENEER
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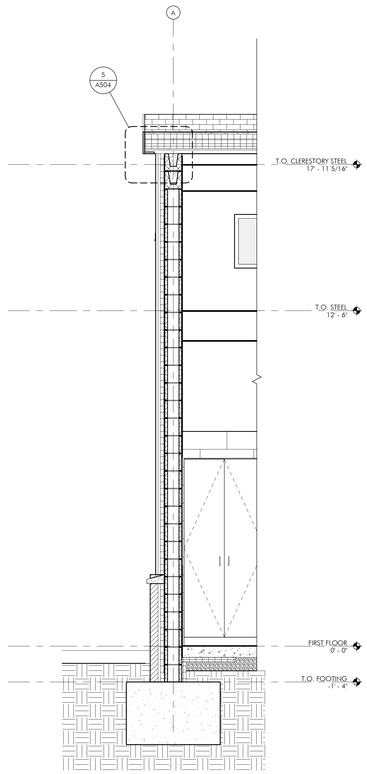
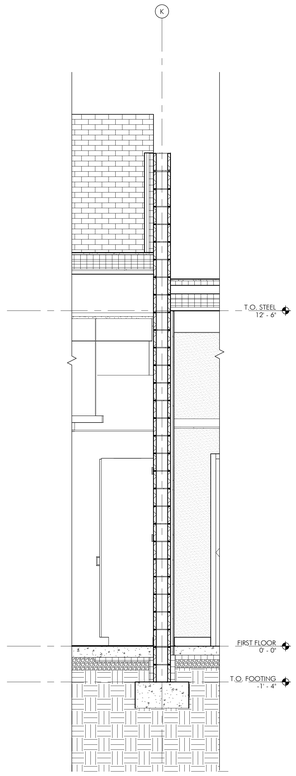
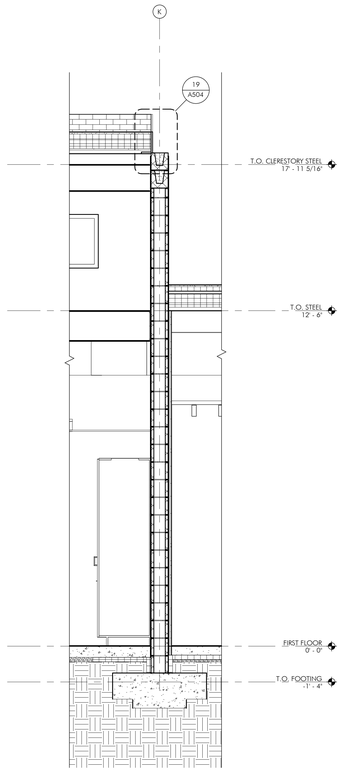


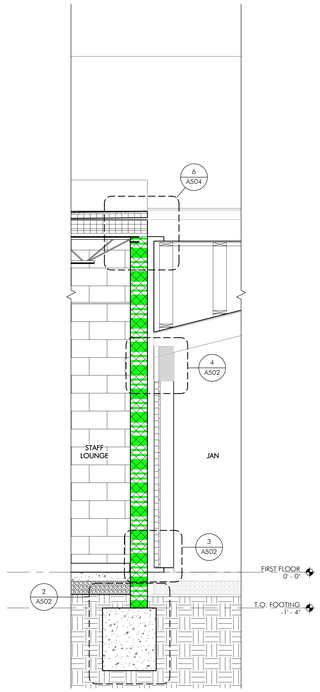
5 A311 WALL SECTION - CLASSROOM WEST GABLE END
1/2" = 1'-0"



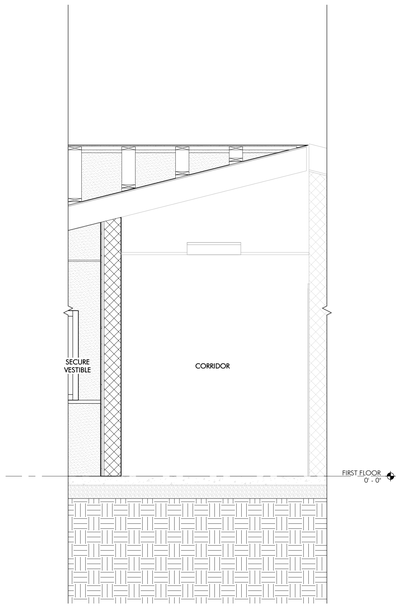
4 A311 WALL SECTION - FIBER CEMENT ABOVE SLOPING ROOF
1/2" = 1'-0"



3 A311 WALL SECTION - CLASSROOM EAST GABLE END
1/2" = 1'-0"



2 A311 WALL SECTION - ROOF OVERFRAMING
1/2" = 1'-0"



1 A311 WALL SECTION - ROOF OVERFRAMING TO EXISTING RIDGE
1/2" = 1'-0"

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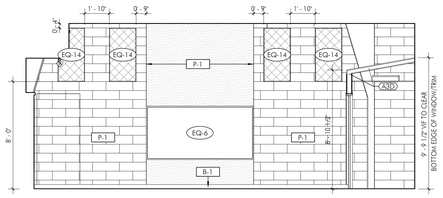
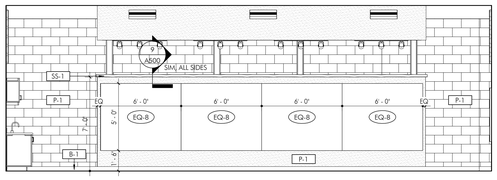
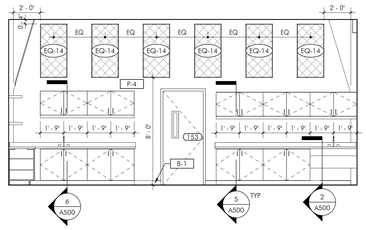


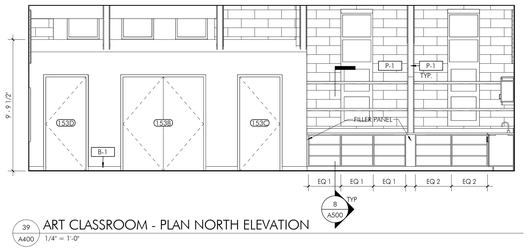
42 A400 ART CLASSROOM - PLAN WEST ELEVATION
1/4" = 1'-0"



41 A400 ART CLASSROOM - PLAN SOUTH ELEVATION
1/4" = 1'-0"

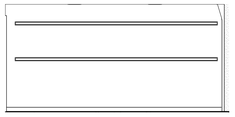


40 A400 ART CLASSROOM - PLAN EAST ELEVATION
1/4" = 1'-0"

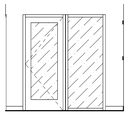


39 A400 ART CLASSROOM - PLAN NORTH ELEVATION
1/4" = 1'-0"

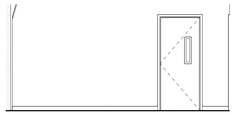
51 A400 3D INTERIOR VIEW OF ART ROOM
FOR REFERENCE ONLY



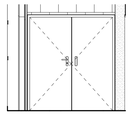
36 A400 6 - d
1/4" = 1'-0"



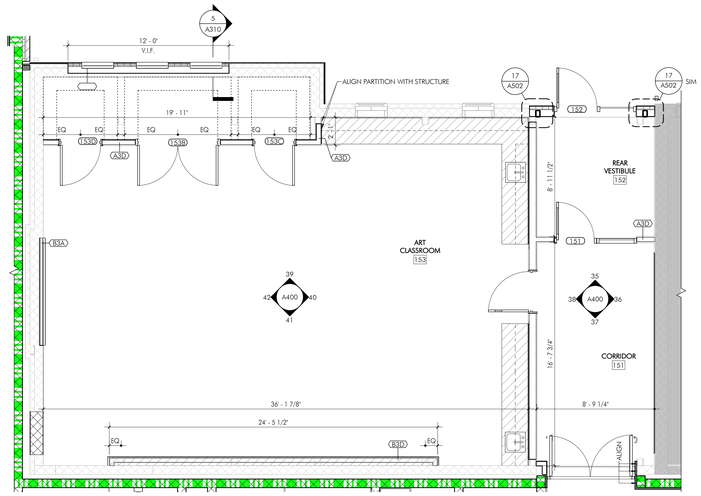
35 A400 6 - c
1/4" = 1'-0"



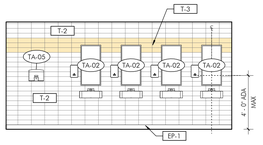
38 A400 6 - b
1/4" = 1'-0"



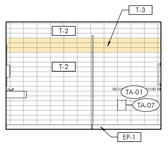
37 A400 6 - a
1/4" = 1'-0"



2 A400 ENLARGED PLAN @ ART ROOM
1/4" = 1'-0"

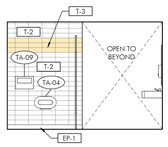


28 A400 WOMEN'S RR WEST ELEV.
1/4" = 1'-0"



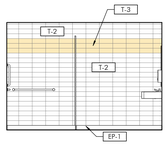
27 A400 WOMEN'S RR NORTH ELEV.
1/4" = 1'-0"

26 A400 WOMEN'S RR EAST ELEV.
1/4" = 1'-0"

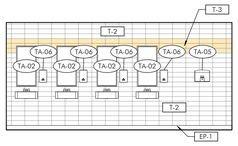


25 A400 WOMEN'S RR SOUTH ELEV.
1/4" = 1'-0"

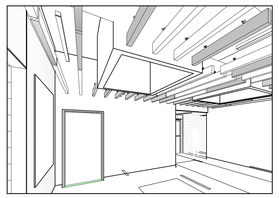
24 A400 MEN'S RR WEST ELEV.
1/4" = 1'-0"



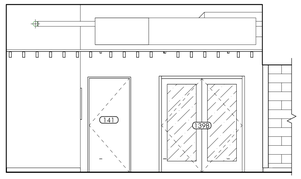
23 A400 MEN'S RR NORTH ELEV.
1/4" = 1'-0"



22 A400 MEN'S RR EAST ELEV.
1/4" = 1'-0"

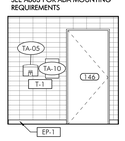


21 A400 3D INTERIOR VIEW OF LOBBY
FOR REFERENCE ONLY

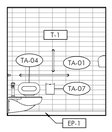


20 A400 LOBBY SOUTH ELEV.
1/4" = 1'-0"

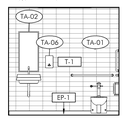
19 A400 STAFF RR W ELEV.
1/4" = 1'-0"



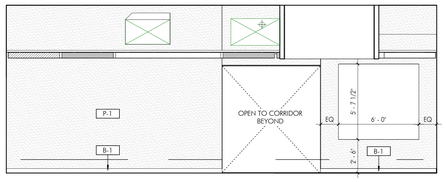
18 A400 STAFF RR S ELEV.
1/4" = 1'-0"



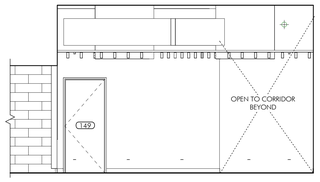
17 A400 STAFF RR E ELEV.
1/4" = 1'-0"



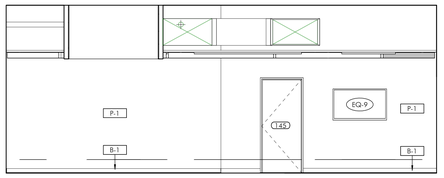
16 A400 STAFF RR N ELEV.
1/4" = 1'-0"



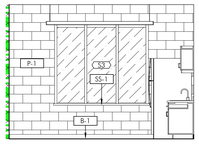
15 A400 LOBBY WEST ELEV.
1/4" = 1'-0"



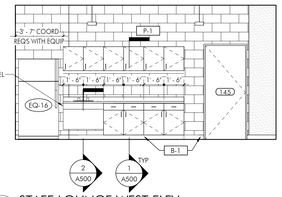
14 A400 LOBBY NORTH ELEV.
1/4" = 1'-0"



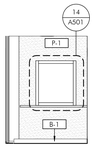
13 A400 LOBBY EAST ELEV.
1/4" = 1'-0"



7 A400 STAFF LOUNGE - SOUTH ELEV.
1/4" = 1'-0"

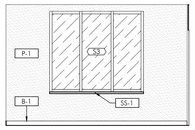


6 A400 STAFF LOUNGE WEST ELEV.
1/4" = 1'-0"

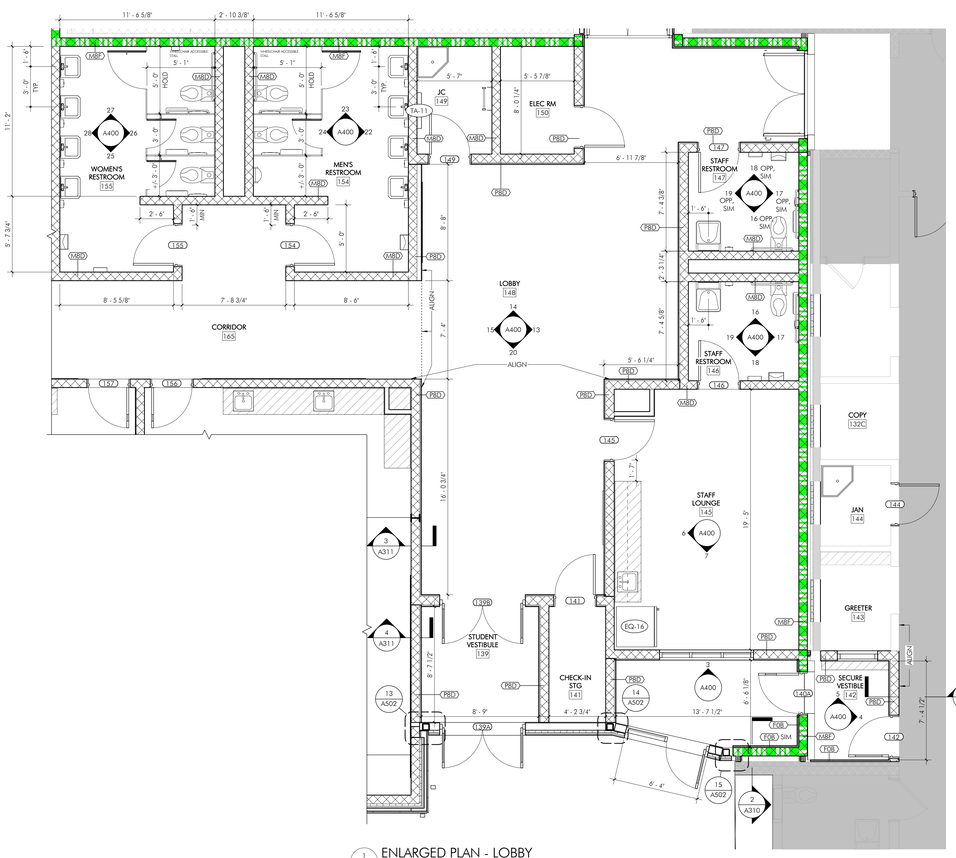


5 A400 SECURE VEST. N ELEV.
1/4" = 1'-0"

4 A400 SECURE VEST. E ELEV.
1/4" = 1'-0"



3 A400 VISITOR ENTR. N ELEV.
1/4" = 1'-0"



1 A400 ENLARGED PLAN - LOBBY
1/4" = 1'-0"

CENTER FOR STUDENT LEARNING CHARTER SCHOOL AT PENNSBURY

345 Lakeside Drive
Levittown, PA 19054

HSA PROJECT # :24-014

[redacted]

Heckendorn Shiles Architects

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ISSUE HISTORY

Δ	DATE	ISSUED FOR
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SHEET TITLE

ENLARGED PLAN & INTERIOR ELEVATIONS - LOBBY

DRAWING NUMBER

A400

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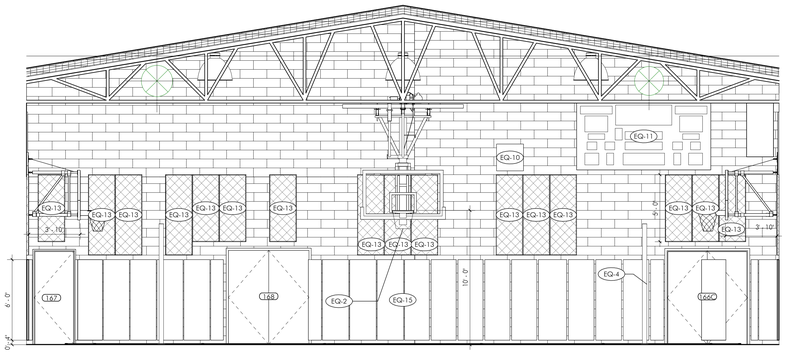
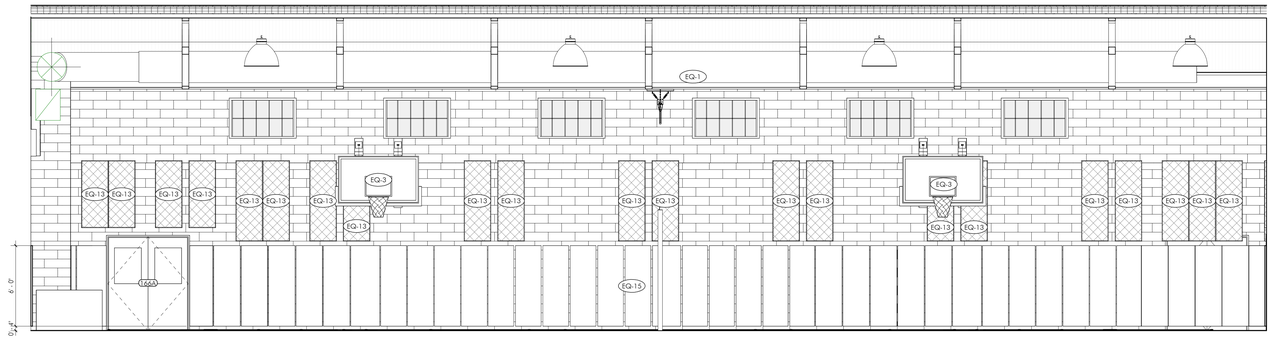


6 A401 PLAN WEST INTERIOR ELEVATION @ GYMNASIUM
1/4" = 1'-0"



5 A401 PLAN SOUTH INTERIOR ELEVATION @ GYMNASIUM
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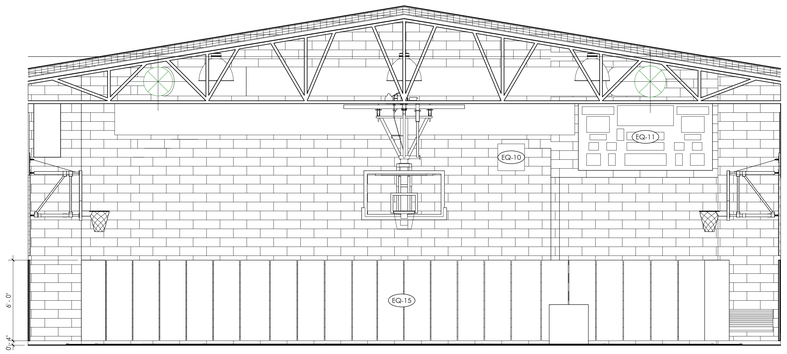
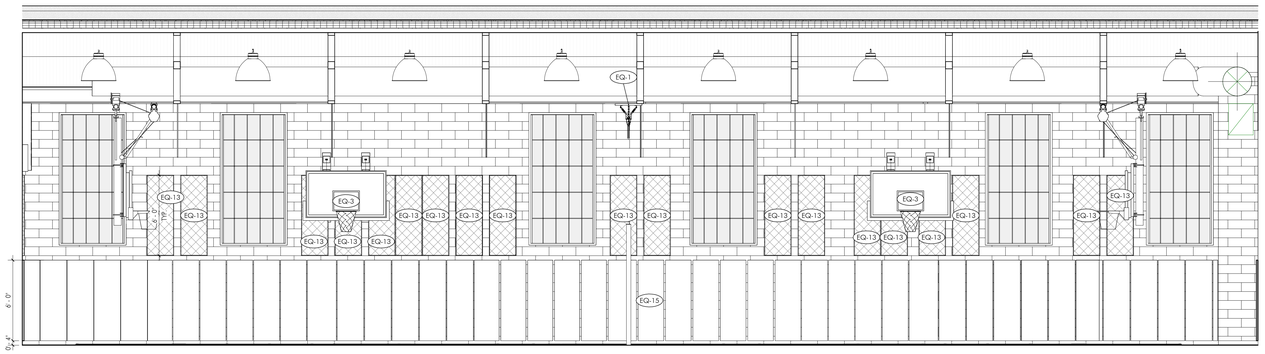
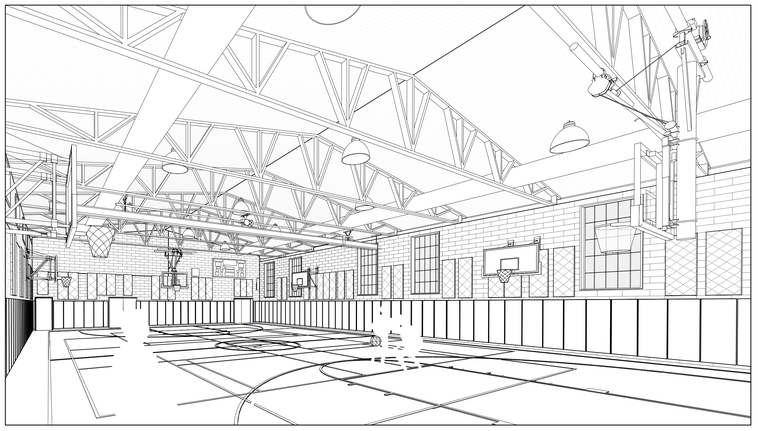


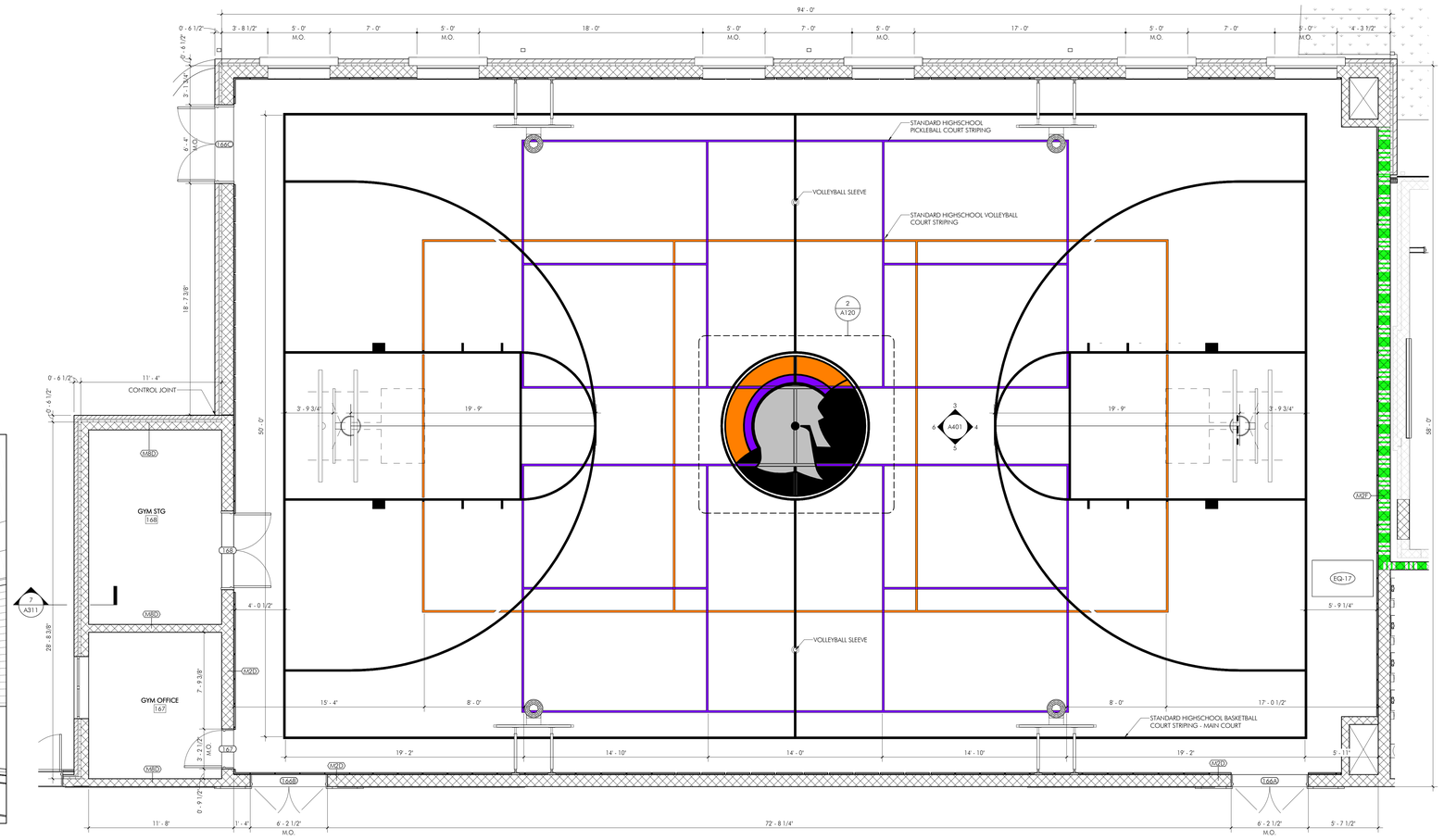
4 A401 PLAN EAST INTERIOR ELEVATION @ GYMNASIUM
1/4" = 1'-0"



3 A401 PLAN NORTH INTERIOR ELEVATION @ GYMNASIUM
1/4" = 1'-0"



2 A401 3D INTERIOR VIEW OF GYM
FOR REFERENCE ONLY



1 A401 ENLARGED PLAN & INTERIOR ELEVATIONS - GYMANSIUM
1/4" = 1'-0"

CENTER FOR STUDENT LEARNING CHARTER SCHOOL AT PENNSBURY

345 Lakeside Drive
Levittown, PA 19054

HSA PROJECT # :24-014

[redacted] HSA
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SHEET TITLE
ENLARGED PLAN & INTERIOR ELEVATIONS - GYMNASIUM

DRAWING NUMBER
A401

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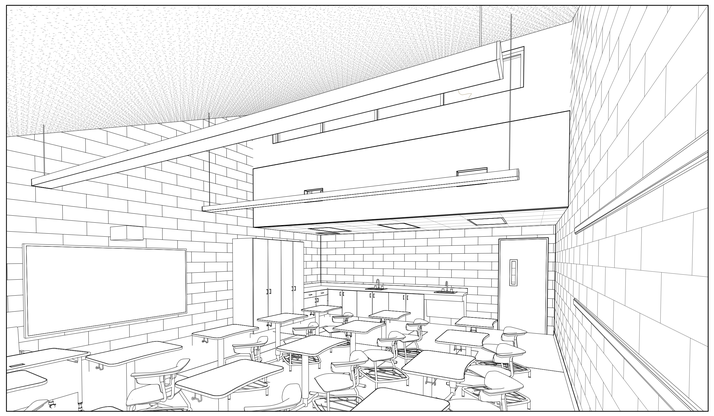
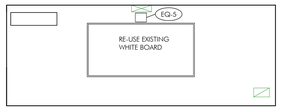
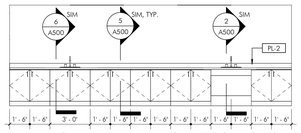


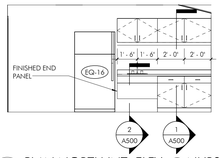
30 / A402 3D VIEW OF TYPICAL SCIENCE CLASSROOM
FOR REFERENCE ONLY



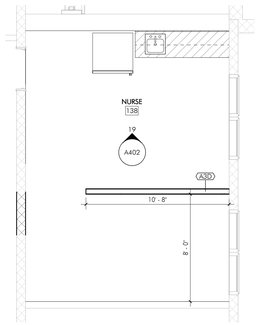
17 / A402 PLAN SOUTH INT. ELEVATION @ CLASSROOM 107
1/4" = 1'-0"



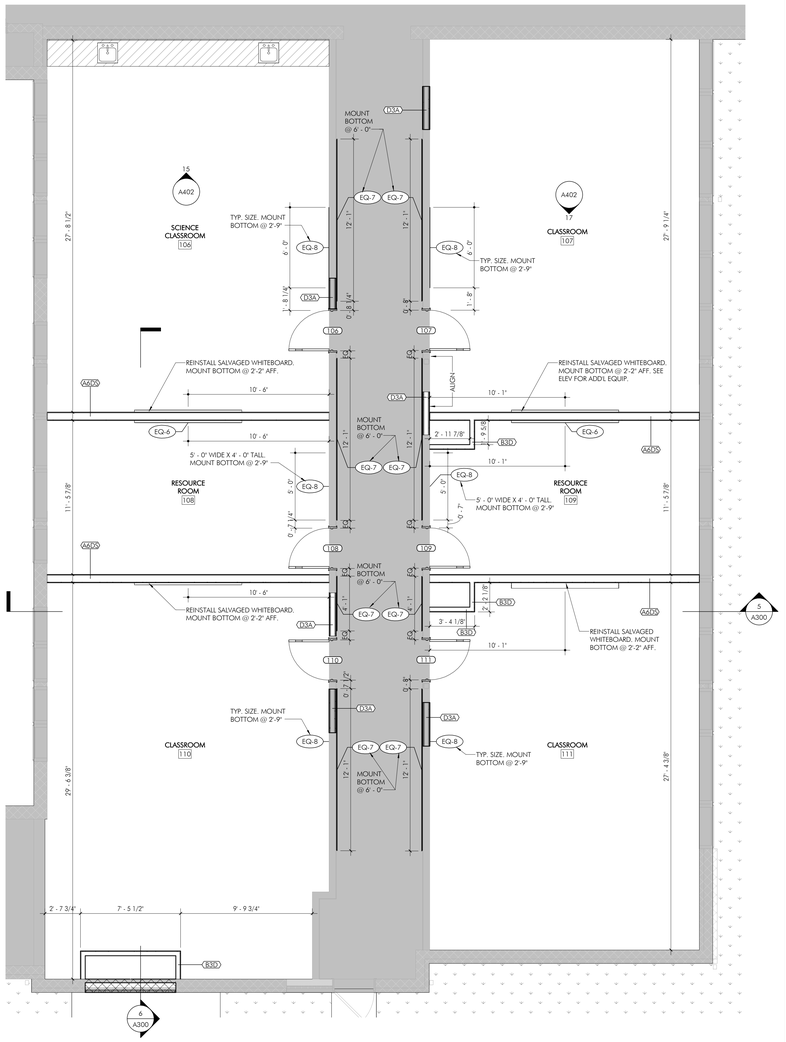
15 / A402 PLAN NORTH INT. ELEVATION @ SCIENCE CLASSROOM
1/4" = 1'-0"



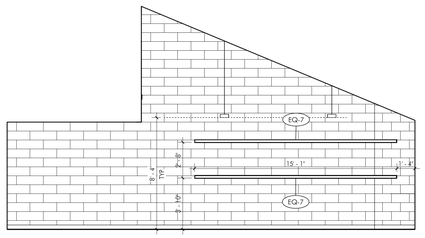
19 / A402 PLAN NORTH INT. ELEV. @ NURSE
1/4" = 1'-0"



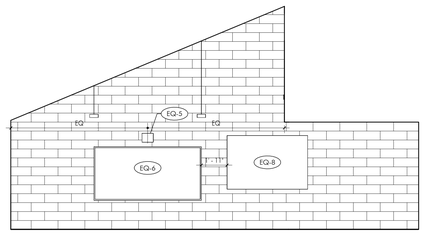
23 / A402 ENLARGED PLAN @ NURSE'S OFFICE
1/4" = 1'-0"



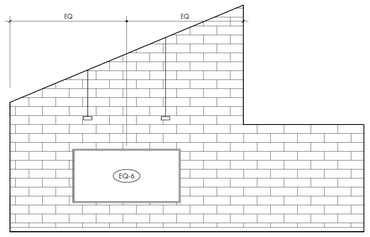
3 / A402 ENLARGED PLAN @ EXISTING CLASSROOMS
1/4" = 1'-0"



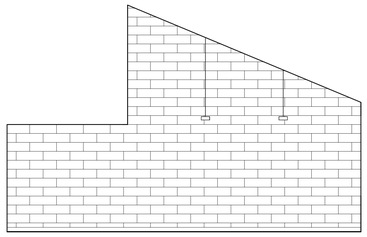
25 / A402 PLAN EAST INT. ELEV. @ TYP. CLASSROOM
1/4" = 1'-0"



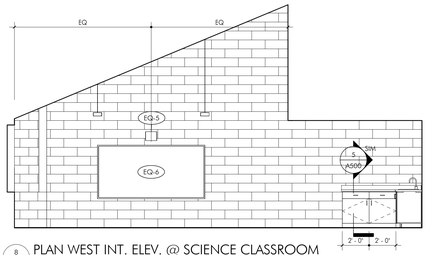
24 / A402 PLAN WEST INT. ELEV. @ TYP. CLASSROOM
1/4" = 1'-0"



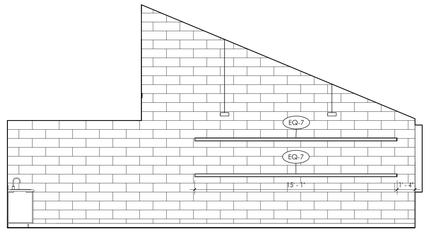
12 / A402 PLAN WEST INT. ELEV. @ RESOURCE RM.
1/4" = 1'-0"



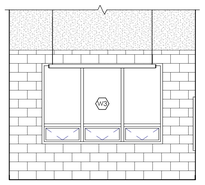
10 / A402 PLAN EAST INT. ELEV. @ RESOURCE RM.
1/4" = 1'-0"



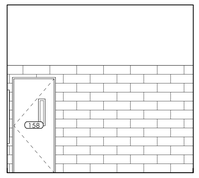
8 / A402 PLAN WEST INT. ELEV. @ SCIENCE CLASSROOM
1/4" = 1'-0"



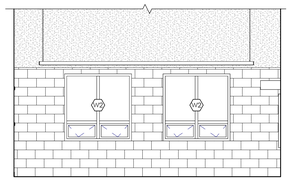
6 / A402 PLAN EAST INT. ELEV. @ SCIENCE CLASSROOM
1/4" = 1'-0"



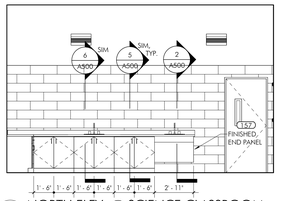
11 / A402 SOUTH ELEV. @ RESOURCE RM.
1/4" = 1'-0"



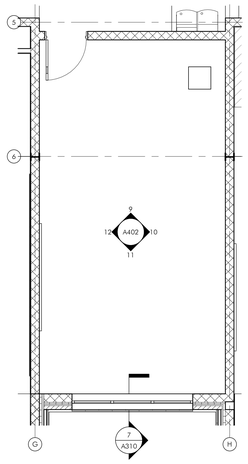
9 / A402 NORTH ELEV. @ RESOURCE RM.
1/4" = 1'-0"



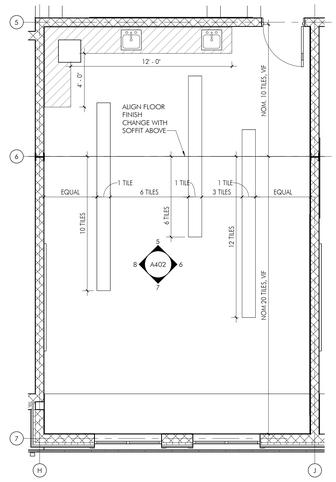
7 / A402 PLAN SOUTH INT. ELEV. @ SCIENCE CLASSROOM
1/4" = 1'-0"



5 / A402 NORTH ELEV. @ SCIENCE CLASSROOM
1/4" = 1'-0"



2 / A402 ENLARGED PLAN @ TYP. RESOURCE RM
1/4" = 1'-0"



1 / A402 ENLARGED PLAN @ TYP. SCIENCE CLASSROOM
1/4" = 1'-0"

CENTER FOR STUDENT LEARNING CHARTER SCHOOL AT PENNSBURY

345 Lakeside Drive
Levittown, PA 19054

HSA PROJECT # :24-014

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Δ	DATE	ISSUED FOR
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SHEET TITLE
ENLARGED PLAN & INTERIOR ELEVATIONS - TYPICAL CLASSROOMS

DRAWING NUMBER
A402

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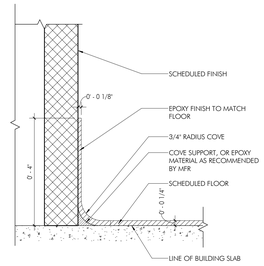
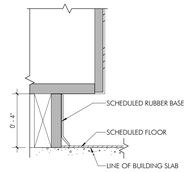
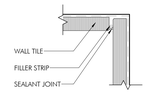


7 A500 WALL BASE @ RESINOUS COVE
6" = 1'-0"

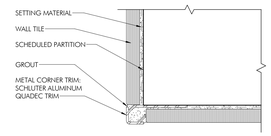


RUBBER BASE @ CASEWORK

4 A500 WALL BASE DETAILS - AT CASEWORK
3" = 1'-0"

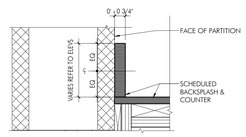


TRANSITION AT TILE : TILE INSIDE CORNERS

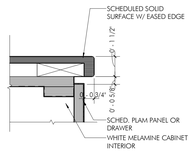


TRANSITION AT TILE OUTSIDE CORNERS

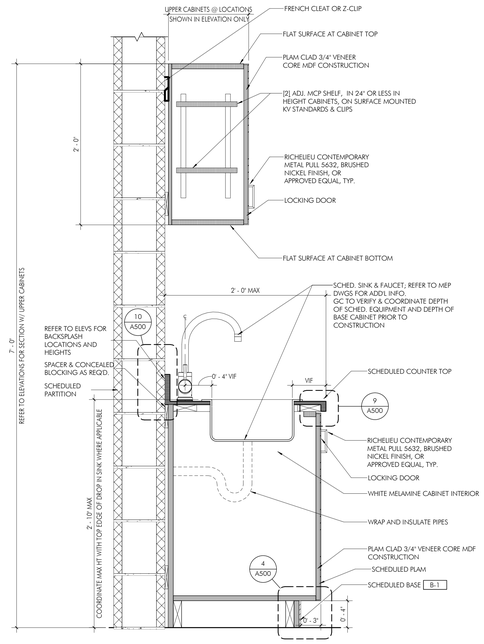
3 A500 TYPICAL TILE TRANSITIONS
12" = 1'-0"



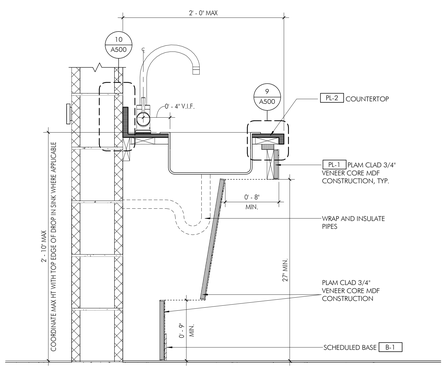
10 A500 DETAIL - COUNTER AT BACKSPLASH1
3" = 1'-0"



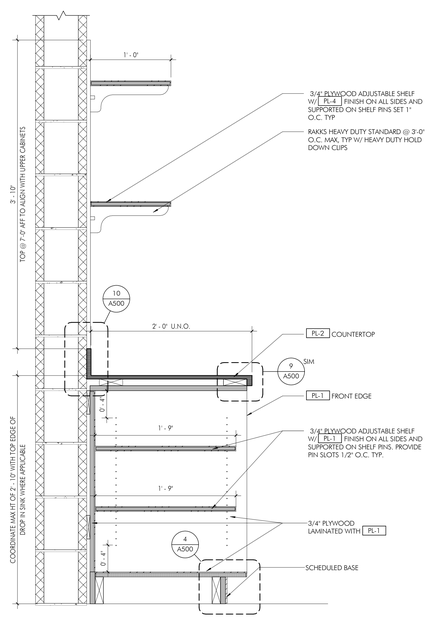
9 A500 DETAIL - COUNTER AT CABINET EDGE
3" = 1'-0"



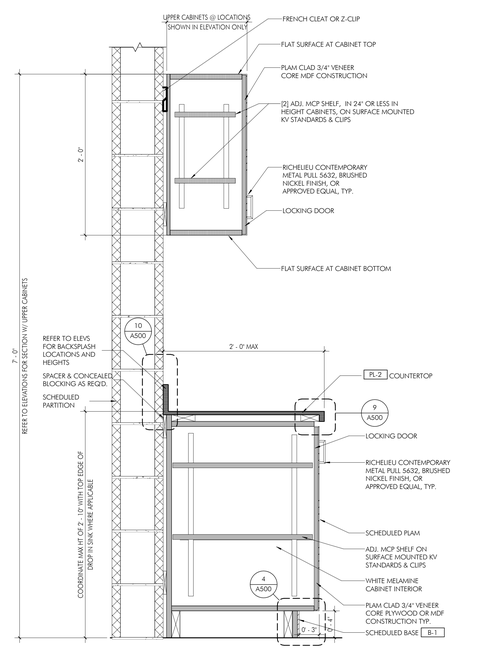
6 A500 SECTION DETAIL - BASE CABINET W/ SINK
1 1/2" = 1'-0"



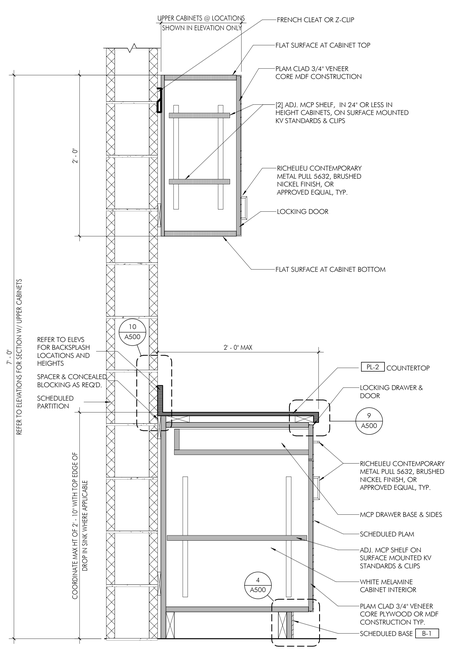
2 A500 SECTION DETAIL - ADA SINK
1 1/2" = 1'-0"



8 A500 SECTION DETAIL - ART ROOM CABINET W/ OPEN ADJ. SHELF
1 1/2" = 1'-0"



5 A500 SECTION DETAIL - BASE CABINET W/ DOOR AND ADJ SHELVING
1 1/2" = 1'-0"



1 A500 SECTION DETAIL - BASE CABINET W/ DRAWER AND ADJ SHELVING
1 1/2" = 1'-0"

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DETAILS - TRANSITIONS & CASEWORK

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A500

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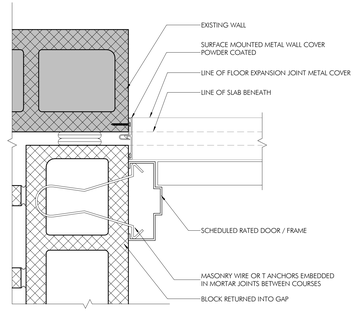
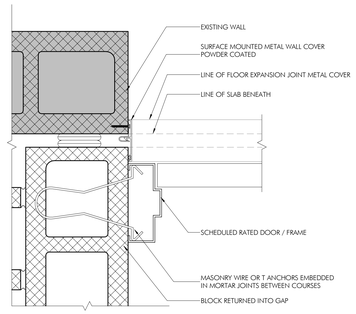
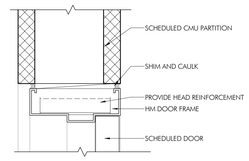


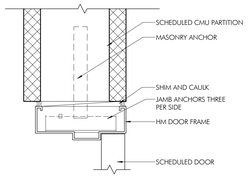
13 A501 HM FRAME MASONRY HEAD DETAIL @ DOOR 148A
3" = 1'-0"



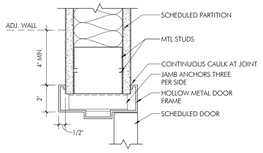
12 A501 HM FRAME MASONRY JAMB DETAIL @ DOOR 148A
3" = 1'-0"



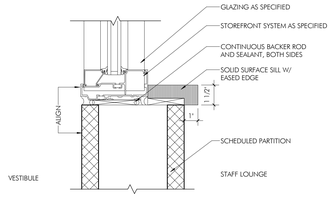
11 A501 HM FRAME MASONRY HEAD DETAIL
3" = 1'-0"



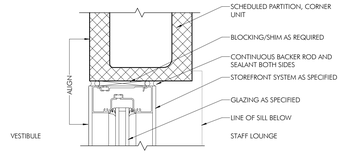
10 A501 HM FRAME MASONRY JAMB DETAIL
3" = 1'-0"



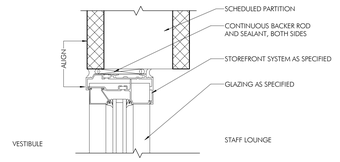
9 A501 WRAPPED HM DOOR HEAD/JAMB DETAIL
3" = 1'-0"



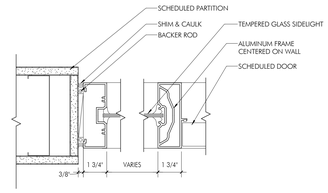
8 A501 INT. STOREFRONT WINDOW SILL DETAIL
3" = 1'-0"



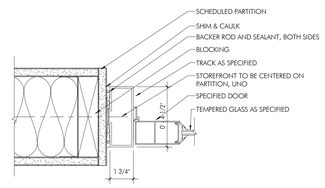
7 A501 INT. STOREFRONT WINDOW JAMB DETAIL
3" = 1'-0"



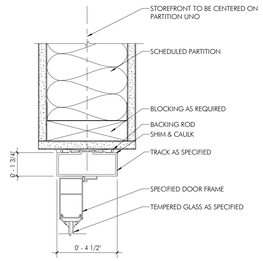
6 A501 INT. STOREFRONT WINDOW HEAD DETAIL
3" = 1'-0"



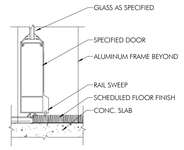
5 A501 INT. STOREFRONT SIDELIGHT DETAIL
3" = 1'-0"



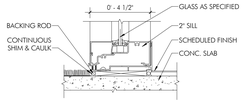
4 A501 INT. STOREFRONT JAMB DETAIL
3" = 1'-0"



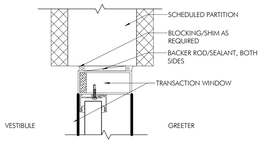
3 A501 INT. STOREFRONT HEAD DETAIL
3" = 1'-0"



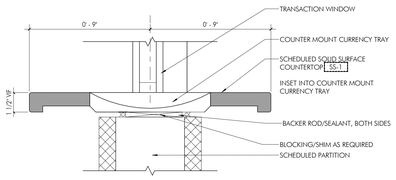
2 A501 INT. STOREFRONT DOOR DETAIL
3" = 1'-0"



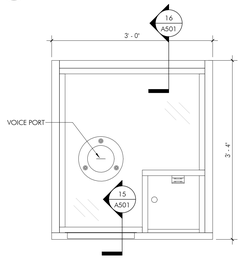
1 A501 INT. STOREFRONT SILL DETAIL
3" = 1'-0"



16 A501 TRANSACTION WINDOW HEAD DETAIL
3" = 1'-0"



15 A501 TRANSACTION WINDOW SILL DETAIL
3" = 1'-0"



14 A501 TRANSACTION WINDOW DETAIL ELEV.
1" = 1'-0"

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DETAILS - INTERIOR OPENINGS

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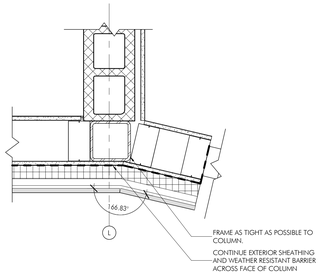
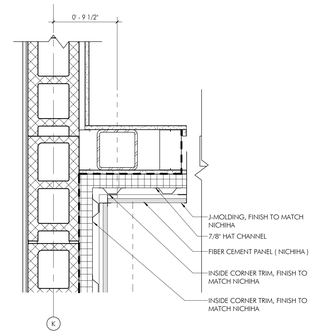
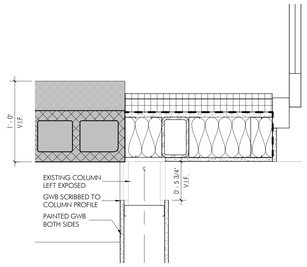


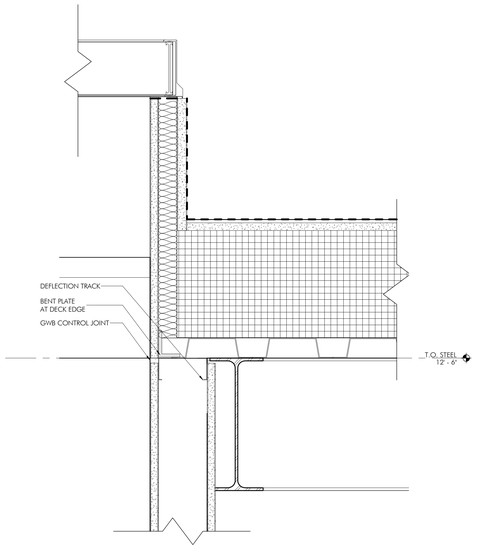
14 A502 DETAIL - COLUMN WRAP AT MAIN ENTRANCE COL L
1 1/2" = 1'-0"



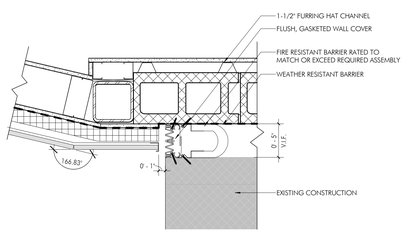
13 A502 DETAIL - COLUMN WRAP AT MAIN ENTRANCE COL K
1 1/2" = 1'-0"



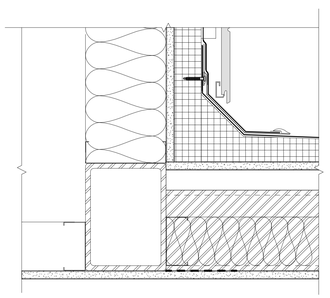
17 A502 DETAIL - COLUMN WRAP AT REAR ENTRANCE CANOPY
1 1/2" = 1'-0"



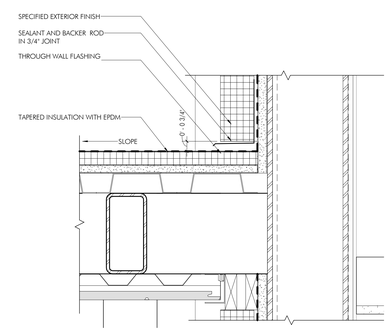
16 A502 SECTION DETAIL @ SKYLIGHT CURB
3" = 1'-0"



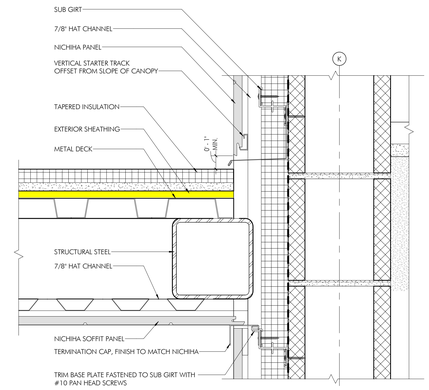
15 A502 DETAIL - COLUMN WRAP AT MAIN ENTRANCE FIRE BARRIER
1 1/2" = 1'-0"



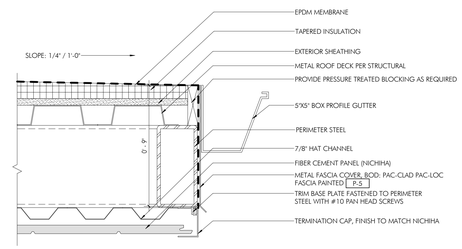
10 A502 SECTION DETAIL @ WALL BASE TO MAIN CANOPY ROOF
3" = 1'-0"



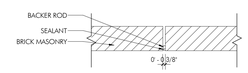
11 A502 SECTION DETAIL @ REAR CANOPY STEEL TIE IN
3" = 1'-0"



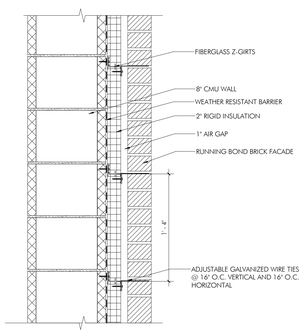
9 A502 SECTION DETAIL @ MAIN CANOPY SIDEWALL
3" = 1'-0"



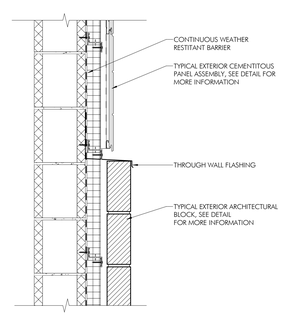
8 A502 TYP. CANOPY EDGE DETAIL
3" = 1'-0"



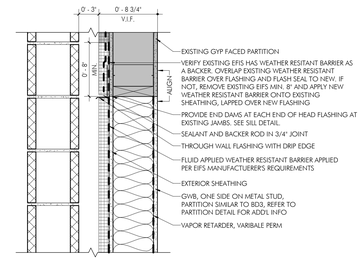
7 A502 BRICK CONTROL JOINT
1 1/2" = 1'-0"



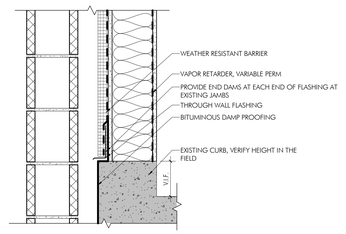
6 A502 EXTERIOR BRICK SECTION DETAIL - TYPICAL ASSEMBLY
1 1/2" = 1'-0"



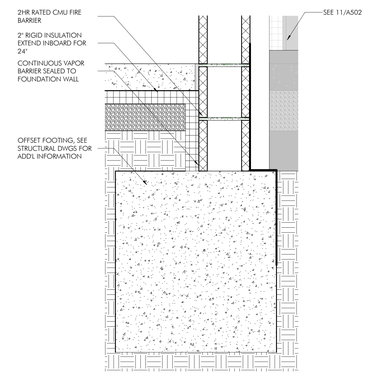
5 A502 EXTERIOR MASONRY BLOCK TO CEMENTIOUS TRANSITION
1 1/2" = 1'-0"



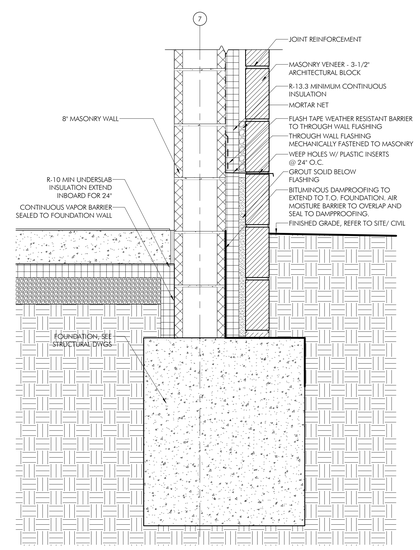
4 A502 HEAD DETAIL @ EXTERIOR INFILL OPENING
1 1/2" = 1'-0"



3 A502 BASE DETAIL @ EXTERIOR INFILL OPENING
1 1/2" = 1'-0"



2 A502 FOUNDATION DETAIL @ FIRE BARRIER
1 1/2" = 1'-0"



1 A502 FOUNDATION DETAIL @ 8" CMU & MASONRY VENEER
1 1/2" = 1'-0"

CENTER FOR STUDENT LEARNING CHARTER SCHOOL AT PENNSBURY

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SHEET TITLE

DETAILS - EXTERIOR / COLUMN WRAPS

DRAWING NUMBER

A502

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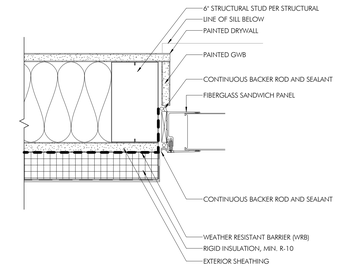
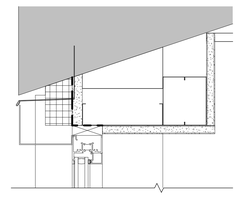
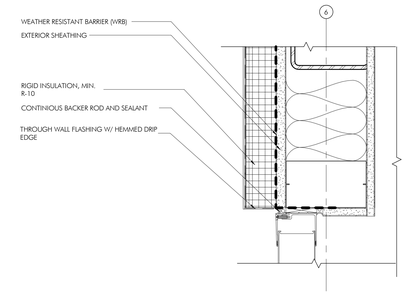


10 A503 JAMB DETAIL @ EIFS ON METAL STUD
3" = 1'-0"



15 A503 HEAD DETAIL @ WALL INFILL WINDOW
3" = 1'-0"



9 A503 HEAD DETAIL @ EIFS ON METAL STUD
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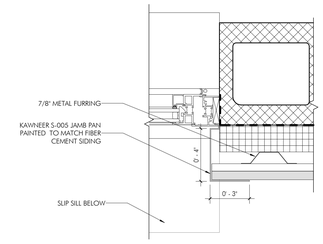
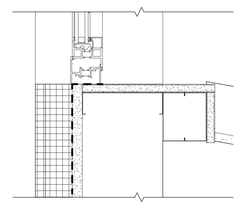
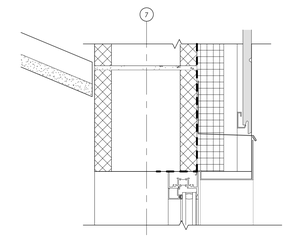


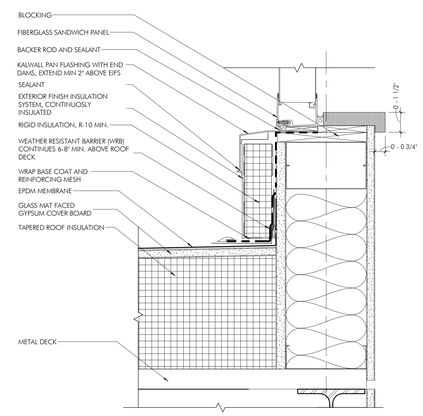
5 A503 JAMB DETAIL @ TYPICAL OPERABLE WINDOW
3" = 1'-0"



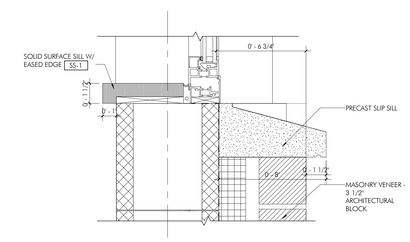
14 A503 SILL DETAIL @ WALL INFILL WINDOW
3" = 1'-0"



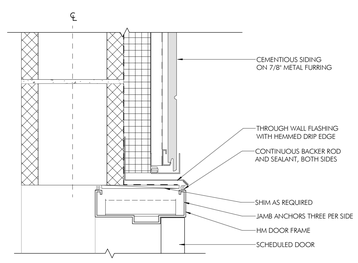
43 A503 HEAD DETAIL @ TYPICAL OPERABLE WINDOW
3" = 1'-0"



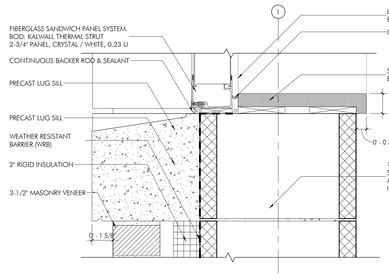
8 A503 SILL DETAIL @ EIFS ON METAL STUD
3" = 1'-0"



3 A503 SILL DETAIL @ TYPICAL OPERABLE WINDOW
3" = 1'-0"

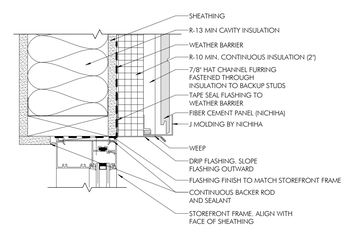


17 A503 EXTERIOR HOLLOW METAL DOOR HEAD DETAIL
3" = 1'-0"

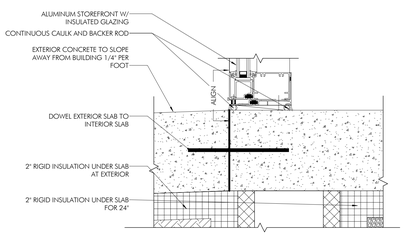


SEE A507 FOR KALWALL HEAD DETAIL

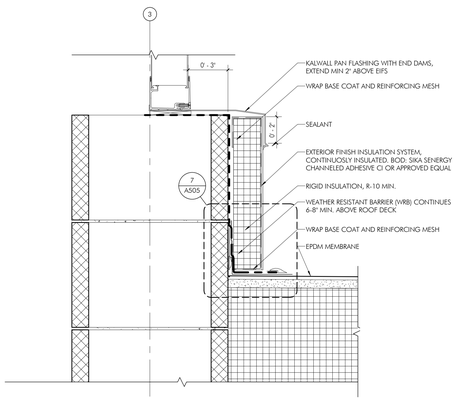
12 A503 SILL DETAIL @ FIBERGLASS SANDWICH PANEL AT CMU
3" = 1'-0"



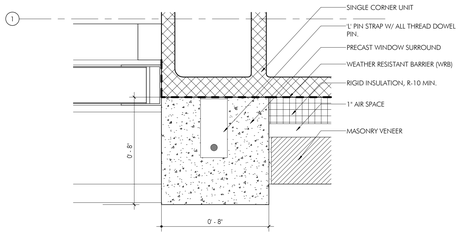
7 A503 FIBER CEMENT STUD WALL STOREFRONT HEAD DETAIL
3" = 1'-0"



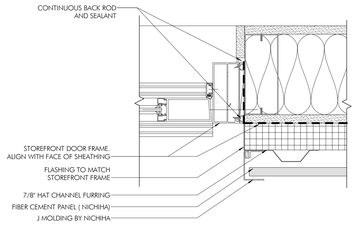
2 A503 SILL DETAIL @ STOREFRONT MULLION AT EXT. SLAB
3" = 1'-0"



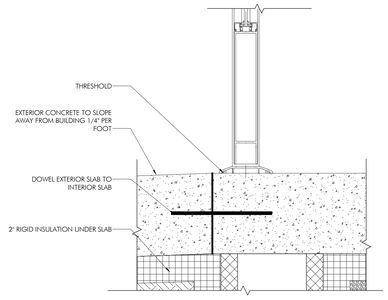
16 A503 SILL DETAIL @ EIFS ON CMU
3" = 1'-0"



11 A503 JAMB DETAIL @ FIBERGLASS SANDWICH PANEL AT CMU
3" = 1'-0"



6 A503 FIBER CEMENT STUD WALL STOREFRONT JAMB DETAIL
3" = 1'-0"



1 A503 SILL DETAIL @ STOREFRONT DOOR
3" = 1'-0"

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DETAILS - EXTERIOR WINDOWS & DOORS

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A503

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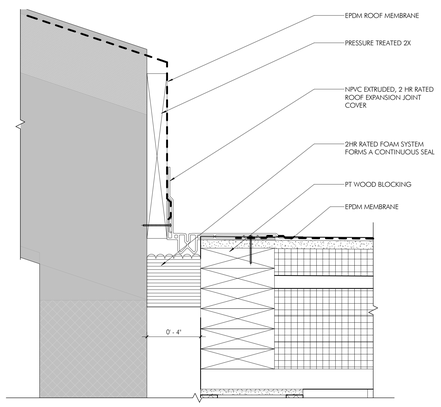
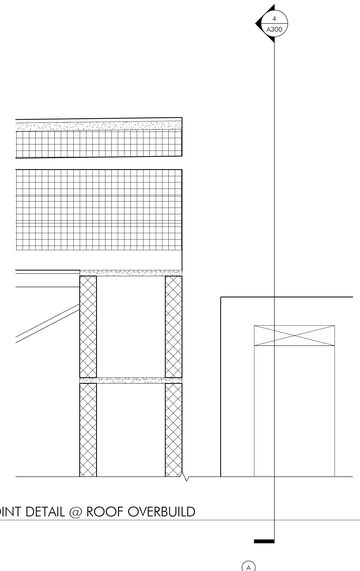
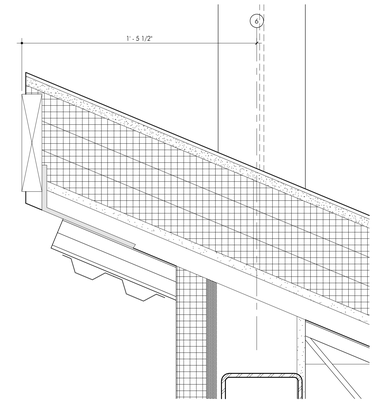


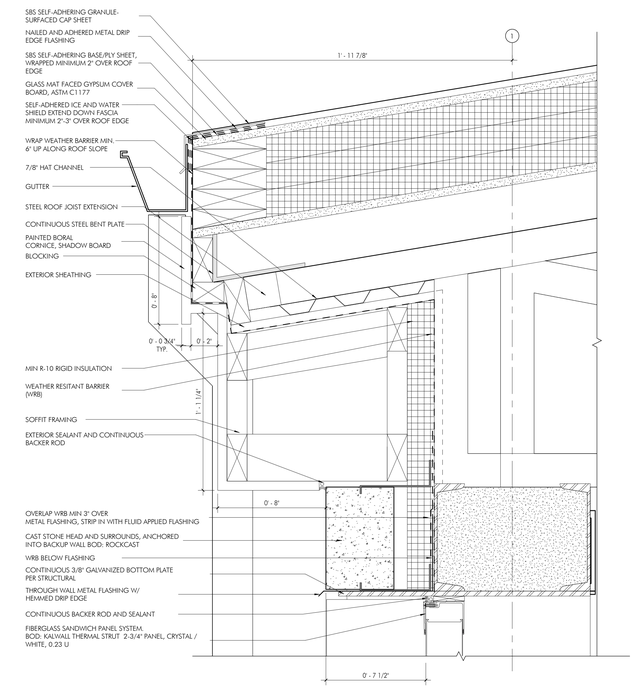
7 / A504 ROOF EDGE SECTION DETAIL @ 4" FIRE BARRIER
3" = 1'-0"



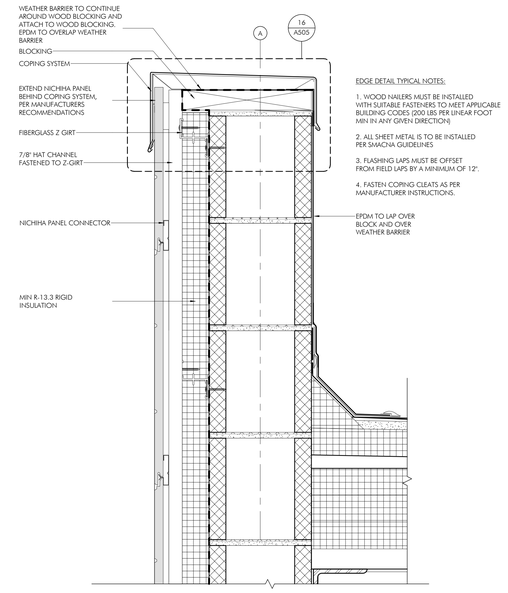
6 / A504 EXPANSION JOINT DETAIL @ ROOF OVERBUILD
3" = 1'-0"



2 / A504 ROOF EAVE DETAIL @ CLERESTORY
3" = 1'-0"



20 / A504 ROOF EAVE DETAIL @ MODIFIED BITUMIN ROOF
3" = 1'-0"



EDGE DETAIL TYPICAL NOTES:

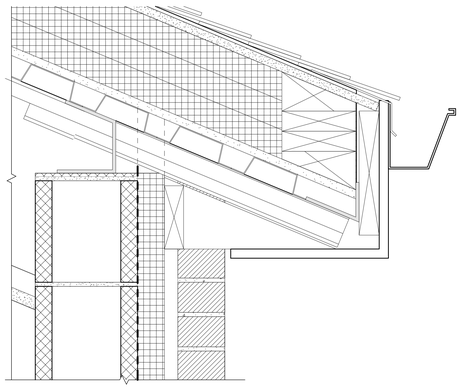
1. WOOD NAILERS MUST BE INSTALLED WITH SUITABLE FASTENERS TO MEET APPLICABLE BUILDING CODES (200 LBS PER LINEAR FOOT MIN IN ANY GIVEN DIRECTION)

2. ALL SHEET METAL IS TO BE INSTALLED PER SMACNA GUIDELINES

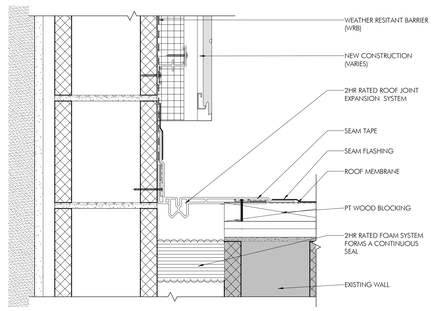
3. FLASHING LAPS MUST BE OFFSET FROM FIELD LAPS BY A MINIMUM OF 12".

4. FASTEN COPING CLEATS AS PER MANUFACTURER INSTRUCTIONS.

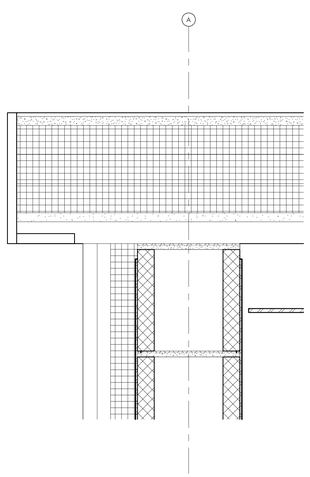
18 / A504 ROOF DETAIL @ FIBER CEMENT PARAPET WALL
3" = 1'-0"



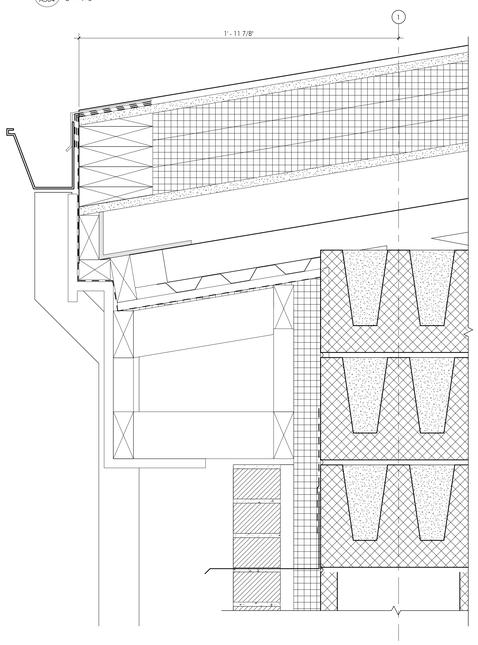
8 / A504 ROOF EAVE DETAIL @ FULL HEIGHT MASONRY VENEER
3" = 1'-0"



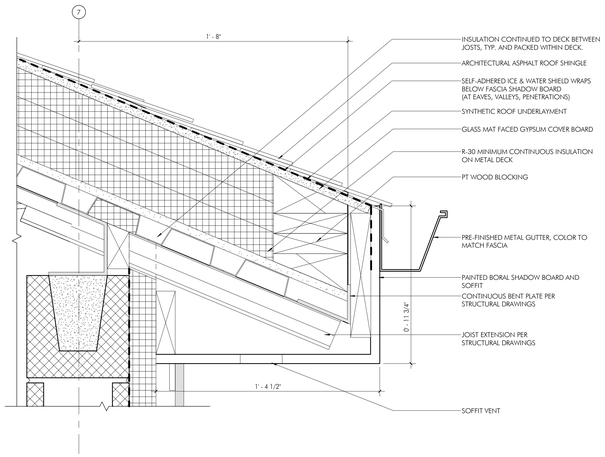
3 / A504 ROOF EDGE SECTION DETAIL @ 5" FIRE BARRIER
3" = 1'-0"



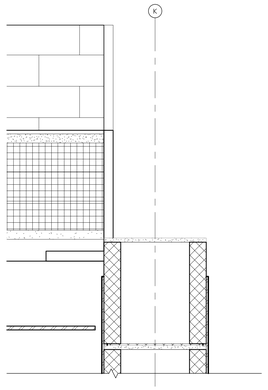
5 / A504 ROOF DETAIL @ SHED ROOF RAKE
3" = 1'-0"



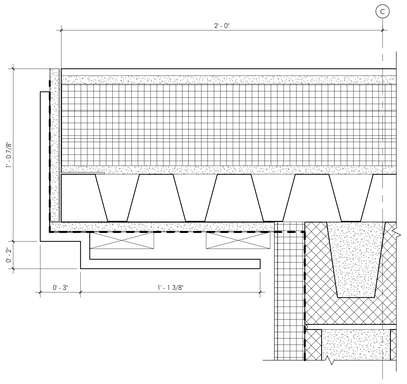
21 / A504 ROOF EAVE DETAIL @ BOND BEAM
3" = 1'-0"



1 / A504 ROOF EAVE DETAIL @ NICHIHA SIDING
3" = 1'-0"



19 / A504 ROOF DETAIL @ SHED ROOF END
3" = 1'-0"



4 / A504 ROOF DETAIL @ GABLE ROOF END
3" = 1'-0"

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DETAILS - ROOF

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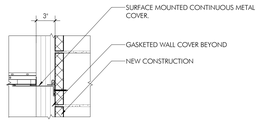
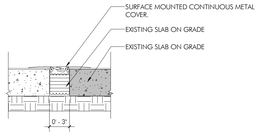
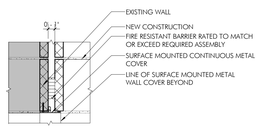


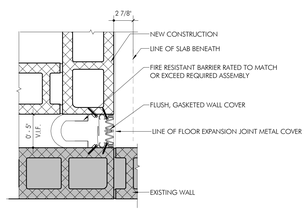
20 A505 EXPANSION JOINT CEILING DETAIL @ 3" FIRE BARRIER
1 1/2" = 1'-0"



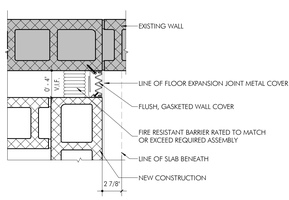
26 A505 EXPANSION JOINT SECTION DETAIL @ 3" FIRE BARRIER
1 1/2" = 1'-0"



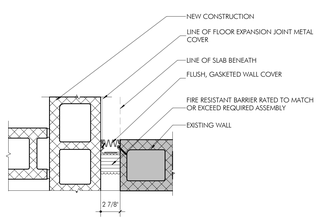
25 A505 EXPANSION JOINT SECTION DETAIL @ 1" FIRE BARRIER
1 1/2" = 1'-0"



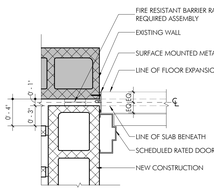
24 A505 EXPANSION JOINT PLAN DETAIL @ 5" FIRE BARRIER
1 1/2" = 1'-0"



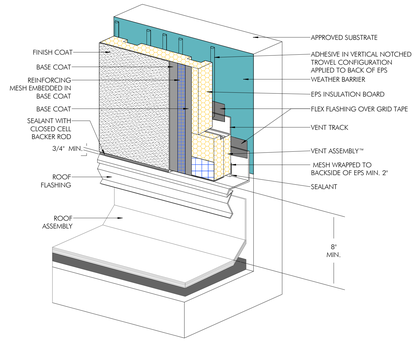
23 A505 EXPANSION JOINT PLAN DETAIL @ 4" FIRE BARRIER
1 1/2" = 1'-0"



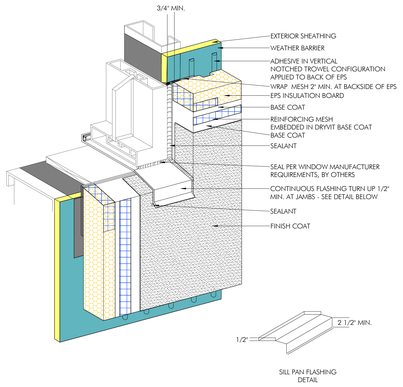
22 A505 EXPANSION JOINT PLAN DETAIL @ 3" FIRE BARRIER
1 1/2" = 1'-0"



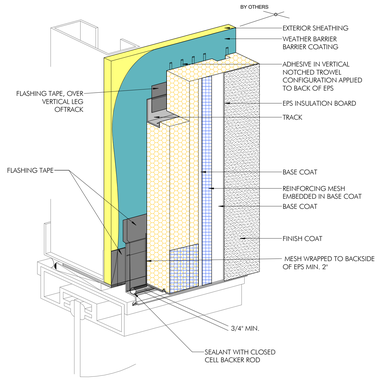
21 A505 EXPANSION JOINT PLAN DETAIL @ 1" FIRE BARRIER
1 1/2" = 1'-0"



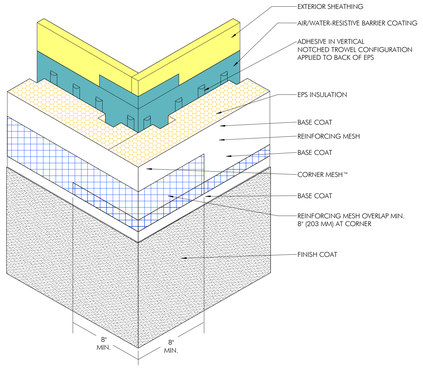
3 A505 EIFS STANDARD DETAIL - AXON AT ROOF
12" = 1'-0"



19 A505 EIFS STANDARD DETAIL - AXON WINDOW SILL
12" = 1'-0"



18 A505 EIFS STANDARD DETAIL - AXON WINDOW HEAD
12" = 1'-0"



17 A505 EIFS STANDARD DETAIL - AXON CORNER
12" = 1'-0"

NOTES:

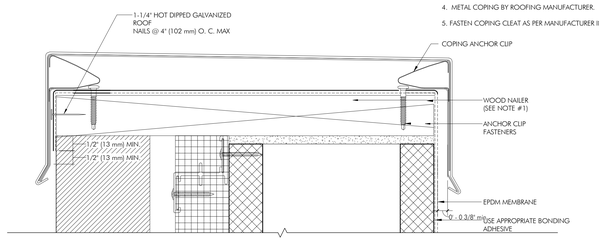
1. WOOD NAILERS MUST BE INSTALLED WITH SUITABLE FASTENERS TO MEET APPLICABLE BUILDING CODES (200 LBS PER LINEAR FOOT MIN IN ANY GIVEN DIRECTION)

2. ALL SHEET METAL IS TO BE INSTALLED PER SMACNA GUIDELINES

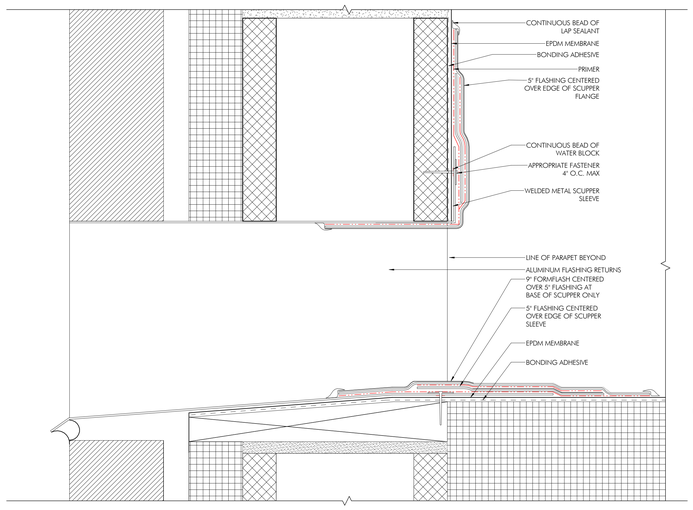
3. FLASHING LAPS MUST BE OFFSET FROM FIELD LAPS BY A MINIMUM OF 12".

4. METAL COPING BY ROOFING MANUFACTURER.

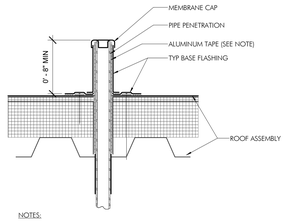
5. FASTEN COPING CLEAT AS PER MANUFACTURER INSTRUCTIONS.



16 A505 ROOF DETAIL - COPING DETAIL
6" = 1'-0"



15 A505 ROOF DETAIL - SCUPPER LAYERING
6" = 1'-0"

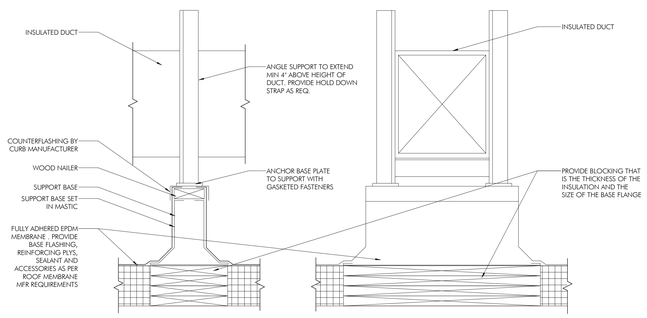


NOTES:

1) ALUMINUM TAPE IS REQUIRED IF EXISTING PENETRATION IS CONTAMINATED.

2) WEATHER BARRIER SHALL BE SEALED AT EDGES.

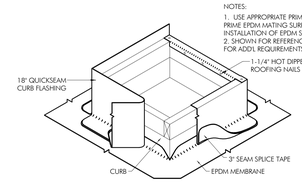
14 A505 ROOF DETAIL AT VENT STACK FLASHING
1 1/2" = 1'-0"



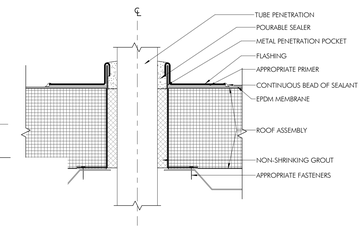
13 A505 ROOFTOP DUCT SUPPORT DETAIL
1 1/2" = 1'-0"

NOTES:

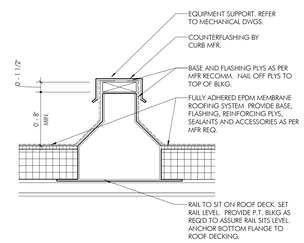
1. USE APPROPRIATE PRIMER TO CLEAN AND PRIME EPDM MATING SURFACES PRIOR TO INSTALLATION OF EPDM SEAM/FLASHING
2. SHOWN FOR REFERENCE. REFER TO 4/A514 FOR ADDL REQUIREMENTS



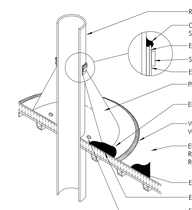
12 A505 ROOF DETAIL AT CURB
3" = 1'-0"



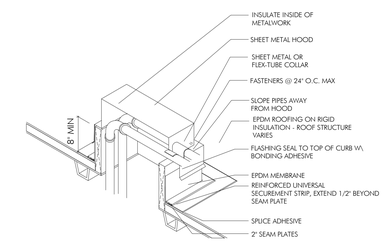
11 A505 ROOF DETAIL - SMALL PIPE AND TUBE PENTRATION
3" = 1'-0"



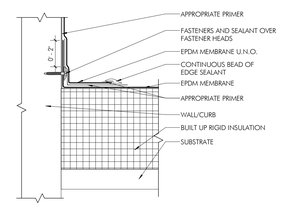
10 A505 ROOF DETAIL - EQUIPMENT RAIL
1 1/2" = 1'-0"



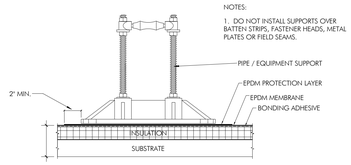
9 A505 ROOF DETAIL - PIPE VENTING
3/4" = 1'-0"



8 A505 ROOF DETAIL - PIPING PENETRATION
3/4" = 1'-0"



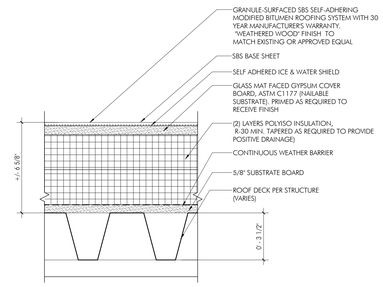
7 A505 ROOF DETAIL - BASE TIE IN
3" = 1'-0"



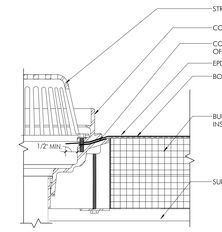
NOTES:

1. DO NOT INSTALL SUPPORTS OVER BATTEN STRIPS, FASTENER HEADS, METAL PLATES OR FIELD SEAMS.

6 A505 ROOF DETAIL - EQUIPMENT SUPPORT PROTECTION
3" = 1'-0"

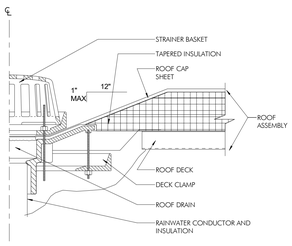


5 A505 ROOF ASSEMBLY DETAIL @ LOW SLOPED ROOF
3" = 1'-0"

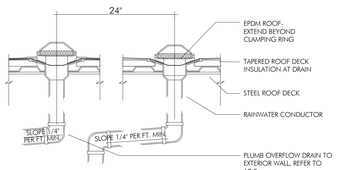


NOTES:
1. HOLE IN MEMBRANE SHOULD EXTEND A MIN. OF 1/2" BEYOND CLAMPING RING AND SHOULD NOT BE SMALLER THAN THE DIAMETER OF THE LEADER PIPE
2. IF SEAM EDGE IS WITHIN 9" OF DRAIN COMPRESSION RING, EPDM TARGET PATCH REQ'D. IF SEAM EDGE IS WITHIN 9"-18" OF DRAIN COMPRESION RING, INSTALL A LAYER OF FLASHING CENTERED OVER SEAM EDGE. FLASHING MUST EXTEND 3" MIN. BEYOND EDGE OF SUMP.

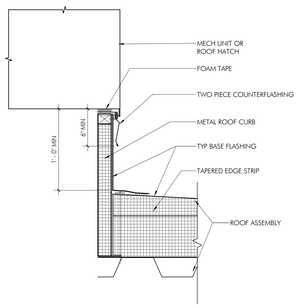
4 A505 ROOF DETAIL @ OVERFLOW DRAIN
3" = 1'-0"



433 A505 SECTION DETAIL @ ROOF DRAIN
1 1/2" = 1'-0"



2 A505 ROOF OVERFLOW WITH DRAIN DETAIL
3/4" = 1'-0"



1 A505 ROOF DETAIL - MECHANICAL UNIT CURB FLASHING
1 1/2" = 1'-0"

CENTER FOR STUDENT LEARNING CHARTER SCHOOL AT PENNSBURY

345 Lakeside Drive
Levittown, PA 19054

HSA PROJECT # :24-014

Heckendorn Shiles Architects

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CIVIL ENGINEER
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NOT FOR CONSTRUCTION

ISSUE HISTORY

Δ	DATE	ISSUED FOR
	2026-10-05	BID ISSUE

SHEET TITLE

DETAILS - ROOF / EIFS & EXPANSION JOINT

DRAWING NUMBER

A505

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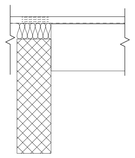
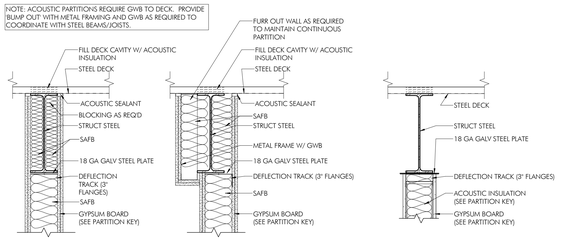
PARTITION SCHEDULE

TAG	LOAD BEARING	COMBUSTABILITY	STUD TYPE	STUD OR MASONRY SIZE	STUD THK / GAUGE	STUD SPACING	GWB THK	SAFB	PARTITION THICKNESS	FIRE RATING	REMARKS
	YES	NON COMBUSTIBLE		7 5/8"			<varies>		<varies>		
A3D	NO	NON COMBUSTIBLE	CHANNEL	6"	.035/20	16" O.C.	5/8"	6"	4 7/8"	-	
A6D	NO	NON COMBUSTIBLE	CHANNEL	6"	.035/20	16" O.C.	5/8"	-	7 1/4"	-	
A6DS	NO	NON COMBUSTIBLE	CHANNEL	6"	.035/20	16" O.C.	5/8"	6"	7 1/4"	-	
B3A	NO	NON COMBUSTIBLE	CHANNEL	3 5/8"	.035/20	16" O.C.	5/8"	-	3 1/8"	-	AT CLASSROOM SOFFITS BELOW CLERESTORY
B3D	NO	NON COMBUSTIBLE	CHANNEL	3 5/8"	.035/20	16" O.C.	5/8"		4 1/4"		
D3A	NO	NON COMBUSTIBLE	CHANNEL	3 5/8"	.035/20	16" O.C.	5/8"		6 1/8"		INFILL EXISTING DOOR OPENINGS, ALIGN FF WITH EXISTING WALL
F0B	NO	NON COMBUSTIBLE	CHANNEL	6"	.035/20	16" O.C.	5/8"	-	1 1/2"	-	
M2D	YES	NON COMBUSTIBLE		11 5/8"					<varies>		
M2F	YES	NON COMBUSTIBLE		11 5/8"					11 5/8"	2 HR	MARK RATING, SEE PARTITION NOTES.
M4A		NON COMBUSTIBLE		3 5/8"					3 5/8"		
M8D	YES	NON COMBUSTIBLE		7 5/8"					<varies>		
M8F	YES	NON COMBUSTIBLE		7 5/8"					7 5/8"	2 HR UL #U905	MARK RATING, SEE PARTITION NOTES.
P8D	YES	NON COMBUSTIBLE		7 5/8"			5/8"		<varies>		



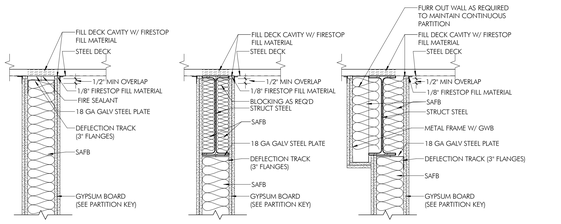
3 A600 RATED HEAD OF WALL DETAIL PARTITIONS
1" = 1'-0"

NOTE: ACOUSTIC PARTITIONS REQUIRE GWB TO DECK. PROVIDE BLKHP OUT WITH METAL FRAMING AND GWB AS REQUIRED TO COORDINATE WITH STEEL BEAMS/JOISTS.



ACOUSTIC PARTITIONS | ACOUSTIC PARTITIONS | NON-ACOUSTIC PARTITIONS

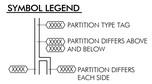
1 A600 NON-RATED HEAD OF WALL DETAILS
1" = 1'-0"



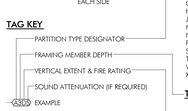
2 A600 RATED HEAD OF WALL DETAILS
1" = 1'-0"

PARTITION NAMING CONVENTION (FOR REFERENCE ONLY)

SYMBOL LEGEND



TAG KEY



PARTITION MATERIALS

SERIES	SHEATHING	STRUCTURE	SHEATHING
A	1-LYR	MTL C-STUD	1-LYR
B	1-LYR	MTL C-STUD	NONE
C	1-LYR	MTL C-STUD	2-LYR
D	2-LYR	MTL C-STUD	2-LYR
E	NOT USED		
F	1-LYR	MTL HAT CHNL	NONE
G	1-LYR	NONE	
H	1-LYR	(2) MTL C-STUD	1-LYR
J	2-LYR	(2) MTL C-STUD	2-LYR
M	NONE	CMU	NONE
N	1-LYR	CMU	NONE
P	1-LYR	CMU	1-LYR
S	1-LYR	MTL C-H STUD	1-LYR
T	1-LYR	MTL C-H STUD	2-LYR
W	1-LYR	WD STUD	1-LYR
X	CUSTOM		

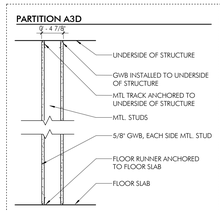
THICKNESS OF STRUCTURE COMPONENT

#	ACTUAL THICKNESS (OF STUD OR MASONRY) MTL STUD	MTL C-H STUD	WD STUD	CMU
0	7/8"	-	-	9 5/8"
1	1 1/2"	-	-	-
2	2 1/2"	2 1/2"	-	11 5/8"
3	3 5/8"	-	-	-
4	-	4"	3 1/2"	3 5/8
6	6"	6"	5 1/2"	5 5/8"
8	8"	-	-	7 5/8"
9	-	-	-	-

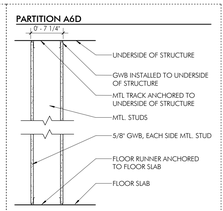
VERTICAL EXTENT & FIRE RESISTANCE

A	PARTIAL HEIGHT (SEE PARTITION DETAIL)
B	TO UNDERSIDE OF CEILING
C	TO 6" (OR 1 COURSE OF CMU) ABOVE CEILING
D	NON-RATED FULL HEIGHT TO STRUCTURE ABOVE
E	SMOKE RATED FULL HEIGHT TO STRUCTURE ABOVE
F	FIRE RATED FULL HEIGHT TO STRUCTURE ABOVE

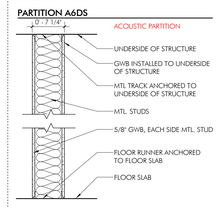
PARTITION A3D



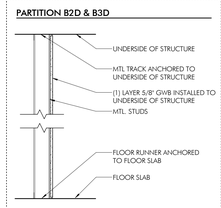
PARTITION A6D



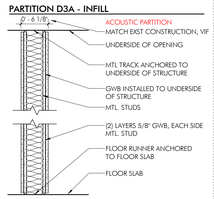
PARTITION A6DS



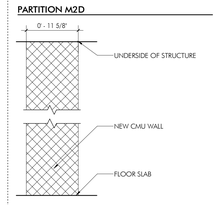
PARTITION B2D & B3D



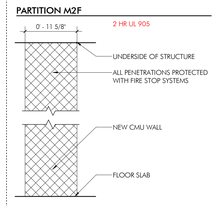
PARTITION D3A - INFILL



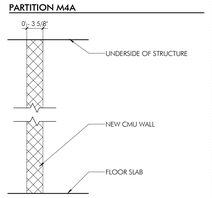
PARTITION M2D



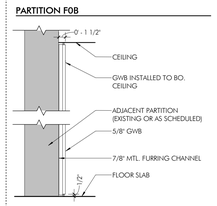
PARTITION M2F



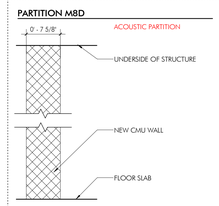
PARTITION M4A



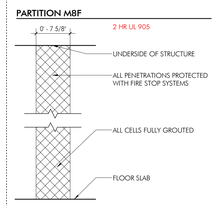
PARTITION F0B



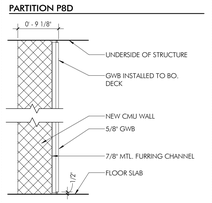
PARTITION M8D



PARTITION M8F



PARTITION P8D



PARTITION NOTES

1. REFER TO PARTITION TYPES FOR HEIGHT, # OF GWB LAYERS, AND BRACING NOTES
2. PROVIDE GWB CONTROL JOINT EVERY 30' MIN. O.C. OR EVERY 3000SF
3. AT ALL UL RATED PARTITIONS, PROVIDE CONTINUOUS BED OF FIRE RESISTIVE JOINT SEALANT TOP AND BOTTOM OF PARTITION AND AT ALL PARTITION PENETRATIONS
4. PROVIDE CONTINUOUS SEALANT AT TOP (WHERE APPLICABLE) AND BOTTOM OF ALL PARTITIONS AND AT ALL PARTITION PENETRATIONS
5. ALL STUD HEIGHTS, SIZES/GAUGE/SPACING, AND LOAD BEARING REQUIREMENTS MUST BE CONFIRMED W/ PROJECT STRUCTURAL ENGINEER
6. PROVIDE DEFLECTION TRACK FOR THE TOP RUNNER OF STEEL-FRAMED PARTITIONS THAT ABUT THE UNDERSIDE OF STRUCTURE. CONFIRM REQUIREMENTS FOR DEFLECTION W/ PROJECT STRUCTURAL ENGINEER. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7. PROVIDE FIRE RATED CONCEALED BLOCKING IN ALL PARTITIONS INCLUDING, BUT NOT LIMITED TO, OPEN AND CLOSED SHELVING, COAT RODS, SHELVES, CABINETRY, COUNTERS, DOOR FRAMES AND HEADER.
8. COORDINATE AND PROVIDE IN-WALL BLOCKING AS REQUIRED FOR EQUIPMENT ATTACHMENT.
9. COORDINATE PARTITION FRAMING W/ ALL RECESSED AND SEMI-RECESSED EQUIPMENT AND/OR FURNISHINGS
10. GYPSUM WALL BOARD AT ALL LOCATIONS TO RECIEVE TILE FINISH TO BE 5/8" WATER RESISTANT TILE BACKING PANELS, UNO.
11. AT ALL RATED PARTITIONS PROVIDE PERMANENT IDENTIFICATION IN ACCESSIBLE CONCEALED SPACES. MARK WITHIN 15 FEET OF EACH END, AT INTERVALS NOT EXCEEDING 30 FEET, WITH MINIMUM 3-INCH CONTRASTING LETTERING NOTING THE PARTITION RATING.
12. REFER TO DETAILS ON THIS SHEET FOR TOP OF WALL & UNDERSIDE OF STRUCTURE CONDITIONS, AND ADDITIONAL DETAILING INFORMATION.

CENTER FOR STUDENT LEARNING CHARTER SCHOOL AT PENNSBURY

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HSA PROJECT # :24-014

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SHEET TITLE
SCHEDULES AND DIAGRAMS - PARTITIONS

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A600

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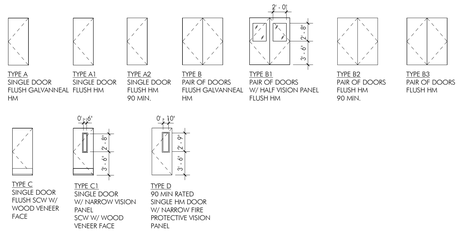
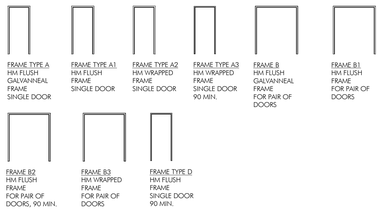
DOOR TYPES



FRAME TYPES



DOOR AND FRAME SCHEDULE

DOOR NUMBER	ROOM NUMBER	ROOM NAME	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME HEAD DETAIL	FRAME JAMB DETAIL	FIRE RATING	PHASE	REMARKS
106	106	SCIENCE CLASSROOM	C1	WD	STD	3' - 0"	7' - 2"	A2	HM	PTD			-	3	RENOVATED CLASSROOM, STOREROOM LOCKSET, NARROW LITE, WRAPPED FRAME
107	107	CLASSROOM	C1	WD	STD	3' - 0"	7' - 2"	A2	HM	PTD			-	3	RENOVATED CLASSROOM, STOREROOM LOCKSET, NARROW LITE, WRAPPED FRAME
108	108	RESOURCE ROOM	C1	WD	STD	3' - 0"	7' - 2"	A2	HM	PTD			-	3	RENOVATED CLASSROOM, STOREROOM LOCKSET, NARROW LITE, WRAPPED FRAME
109	109	RESOURCE ROOM	C1	WD	STD	3' - 0"	7' - 2"	A2	HM	PTD			-	3	RENOVATED CLASSROOM, STOREROOM LOCKSET, NARROW LITE, WRAPPED FRAME
110	110	CLASSROOM	C1	WD	STD	3' - 0"	7' - 2"	A2	HM	PTD			-	3	RENOVATED CLASSROOM, STOREROOM LOCKSET, NARROW LITE, WRAPPED FRAME
111	111	CLASSROOM	C1	WD	STD	3' - 0"	7' - 2"	A2	HM	PTD			-	3	RENOVATED CLASSROOM, STOREROOM LOCKSET, NARROW LITE, WRAPPED FRAME
132A	132A	CORRIDOR	F	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD			-		
139A	139	STUDENT VESTIBULE	S1	AL	PTD	6' - 0"	7' - 0"		AL	PTD				2	LOW E-COATED CLEAR INSULATING GLASS, SCHOOL GUARD GLAZING
139B	139	STUDENT VESTIBULE	S1	AL	PTD	6' - 0"	7' - 0"		AL	PTD				2	LOW E-COATED CLEAR INSULATING GLASS, SCHOOL GUARD GLAZING
140A	140	VISITOR'S ENTRANCE	D	HM	PTD	3' - 0"	7' - 0"	D	HM	PTD			2HR	2	RATED DOOR AND FRAME
140B	140	VISITOR'S ENTRANCE	S2	AL	PTD	3' - 0"	7' - 0"		AL	PTD					PROVIDE EXIT DEVICE OR MORTISE LOCK W/ ELECTRIFIED STRIKE OR LATCH RETRACTION TIED TO BUILDING ACCESS CONTROLS.
141	141	CHECK-IN STG	C	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	PASSAGE LOCKSET, FLUSH FRAME
142	142	SECURE VESTIBLE	EXIST	AL	CLR ANNODIZED	3' - 0"	7' - 0"	E	AL	PTD			-	2	EXISTING INTERIOR DOOR TO BE SALVAGED AND RE-INSTALLED. MAINTAIN ALL HARDWARE & OPERATING DEVICES. PROTECT FROM DAMAGE AND STORE DOOR AND HARDWARE UNTIL REINSTALLATION.
144	144	JAN	C	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	PASSAGE LOCKSET, FLUSH FRAME
145	145	STAFF LOUNGE	C	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	PASSAGE LOCKSET, FLUSH FRAME
146	146	STAFF RESTROOM	C	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	OCCUPANCY INDICATOR, FLUSH FRAME
147	147	STAFF RESTROOM	C	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	OCCUPANCY INDICATOR, FLUSH FRAME
148A	151	CORRIDOR	B2	HM	PTD	6' - 0"	6' - 11"	B2	HM	PTD			2HR	2	RATED DOOR AND FRAME, PROTECTIVE OPENING WITH MAGNETIC HOLD OPEN, "NOT AN EXIT" SIGNAGE
148B	104B	CORRIDOR	B2	HM	PTD	6' - 0"	6' - 11"	B2	HM	PTD			2HR	2	RATED DOOR AND FRAME, PROTECTIVE OPENING WITH MAGNETIC HOLD OPEN, "NOT AN EXIT" SIGNAGE
149	149	JC	C	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	PASSAGE LOCKSET
150	150	ELEC RM	C	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	PASSAGE LOCKSET
151	151	CORRIDOR	S2	AL	PTD	2' - 9 11/16"	7' - 0"		AL	PTD					
152	152	REAR VESTIBULE	EXIST	AL	PTD	3' - 0"	7' - 0"							2	EXISTING EXTERIOR DOOR TO BE SALVAGED AND RE-INSTALLED. MAINTAIN ALL HARDWARE & OPERATING DEVICES
153	153	ART CLASSROOM	C1	WD	STD	3' - 0"	7' - 0"	A2	HM	PTD			-	2	STOREROOM LOCKSET, NARROW LITE, FLUSH FRAME
153B	153A	ART STG	B3	HM	PTD	6' - 0"	7' - 0"	B3	HM	PTD				2	PASSAGE LOCKSET, WRAPPED FRAME
153C	153A	ART STG	A1	HM	PTD	3' - 0"	7' - 0"	A2	HM	PTD			-	2	PASSAGE LOCKSET, WRAPPED FRAME
153D	153A	ART STG	A1	HM	PTD	3' - 0"	7' - 0"	A2	HM	PTD			-	2	PASSAGE LOCKSET, WRAPPED FRAME
154	154	MEN'S RESTROOM	C	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	PASSAGE LOCKSET, FLUSH FRAME
155	155	WOMEN'S RESTROOM	C	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	PASSAGE LOCKSET, FLUSH FRAME
156	156	SCIENCE CLASSROOM	C1	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	STOREROOM LOCKSET, NARROW LITE, FLUSH FRAME
157	157	SCIENCE CLASSROOM	C1	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	STOREROOM LOCKSET, NARROW LITE, FLUSH FRAME
158	158	RESOURCE ROOM	C1	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	STOREROOM LOCKSET, NARROW LITE, FLUSH FRAME
159	159	CLASSROOM	C1	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	STOREROOM LOCKSET, NARROW LITE, FLUSH FRAME
160	160	CLASSROOM	C1	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	STOREROOM LOCKSET, NARROW LITE, FLUSH FRAME
161	161	RESOURCE ROOM	C1	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	STOREROOM LOCKSET, NARROW LITE, FLUSH FRAME
162	162	CLASSROOM	C1	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	STOREROOM LOCKSET, NARROW LITE, FLUSH FRAME
163	163	CLASSROOM	C1	WD	STD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	STOREROOM LOCKSET, NARROW LITE, FLUSH FRAME
164	164	SPKR	A	HMG	PTD	3' - 0"	7' - 0"	A	HMG	PTD			-	2	LOCKSET TO MATCH FACILITY STANDARD, FLUSH FRAME
165	165	CORRIDOR	A	HMG	PTD	3' - 0"	7' - 0"	A	HMG	PTD			-	2	LOCKSET TO MATCH FACILITY STANDARD, FLUSH FRAME
166A	166	GYMNASIUM	B1	HM	PTD	6' - 0"	7' - 0"	B1	HM	PTD			-	2	PASSAGE LOCKSET, PANIC BAR ON INTERIOR, FLUSH FRAME
166B	166	GYMNASIUM	B1	HM	PTD	6' - 0"	7' - 0"	B1	HM	PTD			-	2	PASSAGE LOCKSET, PANIC BAR ON INTERIOR, FLUSH FRAME
166C	166	GYMNASIUM	B	HMG	PTD	6' - 0"	7' - 0"	B	HMG	PTD				2	ELECTRIFIED LOCKSET, CARD READER ACCESS ON EXTERIOR, PANIC BAR ON INTERIOR, FLUSH FRAME
167	166	GYMNASIUM	A1	HM	PTD	3' - 0"	7' - 0"	A1	HM	PTD			-	2	
168	168	GYM STG	B3	HM	PTD	6' - 0"	7' - 0"	B1	HM	PTD				2	STOREROOM LOCKSET, FLUSH FRAME

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SCHEDULES AND DIAGRAMS - DOORS & FRAMES

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A601

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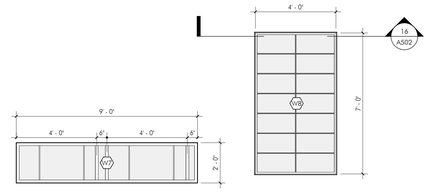
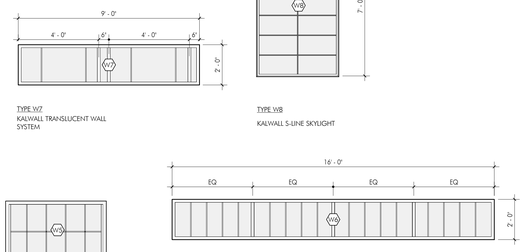
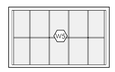




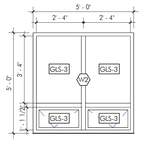
TYPE W7
KALWALL TRANSLUCENT WALL SYSTEM

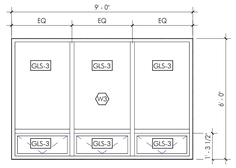
TYPE W8
KALWALL S-LINE SKYLIGHT

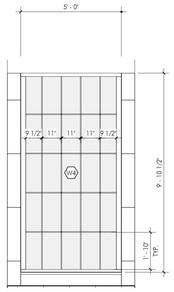


TYPE W5
KALWALL TRANSLUCENT WALL SYSTEM

TYPE W6
KALWALL TRANSLUCENT WALL SYSTEM







TYPE W1
FIXED WINDOW

TYPE W2
FIXED DOUBLE WINDOW W/ OPERABLE BELOW

TYPE W3
FIXED TRIPLE WINDOW W/ OPERABLE BELOW

TYPE W4
KALWALL TRANSLUCENT WALL SYSTEM

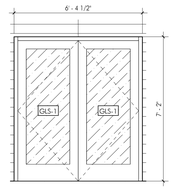
WINDOW SCHEDULE

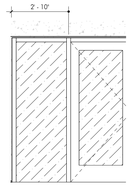
WINDOW TAG	SIZE WIDTH	SIZE HEIGHT	TYPE	MATERIAL	REMARKS
W1	2' - 4 1/2"	11' - 9"	FIXED WINDOW	FACTORY FINISH PAINTED ALUMINUM	GLS-3
W2	5' - 0"	5' - 0"	FIXED DOUBLE WINDOW W/ OPERABLE BELOW	FACTORY FINISH PAINTED ALUMINUM	GLS-3
W3	9' - 0"	6' - 0"	FIXED TRIPLE WINDOW W/ OPERABLE BELOW	FACTORY FINISH PAINTED ALUMINUM	GLS-3
W4	5' - 0"	9' - 10 5/8"	KALWALL TRANSLUCENT WALL SYSTEM	FACTORY FINISH PAINTED ALUMINUM	
W5	5' - 0"	3' - 0"	KALWALL TRANSLUCENT WALL SYSTEM	FACTORY FINISH PAINTED ALUMINUM	
W6	16' - 0"	2' - 0"	KALWALL TRANSLUCENT WALL SYSTEM	FACTORY FINISH PAINTED ALUMINUM	
W7	9' - 0"	2' - 0"	KALWALL TRANSLUCENT WALL SYSTEM	FACTORY FINISH PAINTED ALUMINUM	
W8	4' - 0"	7' - 0"	KALWALL S-LINE SKYLIGHT	FACTORY FINISH PAINTED ALUMINUM	

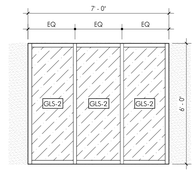
WINDOW GLAZING SCHEDULE

TAG	DESCRIPTION	REMARKS
GLS-3	EXTERIOR INSULATED GLAZING UNIT	LOW E-COATED CLEAR INSULATING GLASS, VISION

NOTES:
1. BASIS OF DESIGN:
   A. WINDOW: KAWNEER 8225TL THERMAL WINDOWS W/ 1" IGU
   B. INSULATED GLASS - REFER TO ELEVATIONS FOR ADD'L INFORMATION
2. ALL DIMENSIONS TO BE VERIFIED IN FIELD
3. ALL GLAZING 8'-0" AFF OF 1ST FLOOR SLAB AND BELOW TO BE SAFETY GLAZING
4. ALL WINDOWS ON SOUTH FACADE TO RECIEVE SUNSHADES







TYPE S1
FIXED STOREFRONT

TYPE S3
FIXED STOREFRONT

STOREFRONT GLAZING SCHEDULE

TAG	DESCRIPTION	REMARKS
GLS-2	EXTERIOR INSULATED GLAZING UNIT	LOW E-COATED CLEAR INSULATING GLASS, SCHOOL GUARD GLAZING

STOREFRONT DOOR GLAZING SCHEDULE

TAG	DESCRIPTION	REMARKS
GLS-1	<varies>	<varies>

GLAZING LEGEND

VISION GLASS

SECURITY / SAFETY GLASS

NOTES:
1. REFER TO WINDOW AND STOREFRONT TYPES FOR LOCATION
2. ALL EXTERIOR INSULATED GLAZING ON THE SOUTH FACADE TO BE SOLARBAN 70
3. ALL GLAZING TO BE TEMPERED IN LOCATIONS THAT SILL HEIGHT IS LESS THAN 36" AFF
4. ALL GLAZING IN DOORS AND ADJACENT WINDOWS / SIDELIGHTS TO BE TEMPERED
5. ALL GLAZING WITHIN 0 - 36" AFF TO BE TEMPERED GLAZING

STOREFRONT SCHEDULE

TYPE	SIZE WIDTH	SIZE HEIGHT	REMARKS
S1	<varies>	7' - 2"	<varies>
S2	6' - 4"	7' - 2"	BOD: KAWNEER TRIFAB VG-451
S3	7' - 0"	6' - 0"	BOD: KAWNEER TRIFAB VG-451

NOTES:
1. STOREFRONT BOD: KAWNEER TRIFAB VG-451, 1" IGU AS SPECIFIED
   CLEAR ANODIZED, CLR FINISH U.N.O.
2. ALL INTERIOR STOREFRONT TO RECEIVE TEMPERED GLAZING, UNO

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SCHEDULES AND DIAGRAMS - WINDOWS & INTERIOR STOREFRRONT

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FIXTURE/DEVICE MOUNTING HEIGHT AND CLEARANCES SCHEDULE

FIXTURE/DEVICE MOUNTING HEIGHT SCHEDULE (ADA REQUIREMENTS U.N.O.) IN ACCORDANCE W/ ICC A117.1-2009
COORDINATE ALL M.E.P. FIXTURES ACCORDINGLY & NOTIFY ARCHITECT OF ANY DISCREPANCIES

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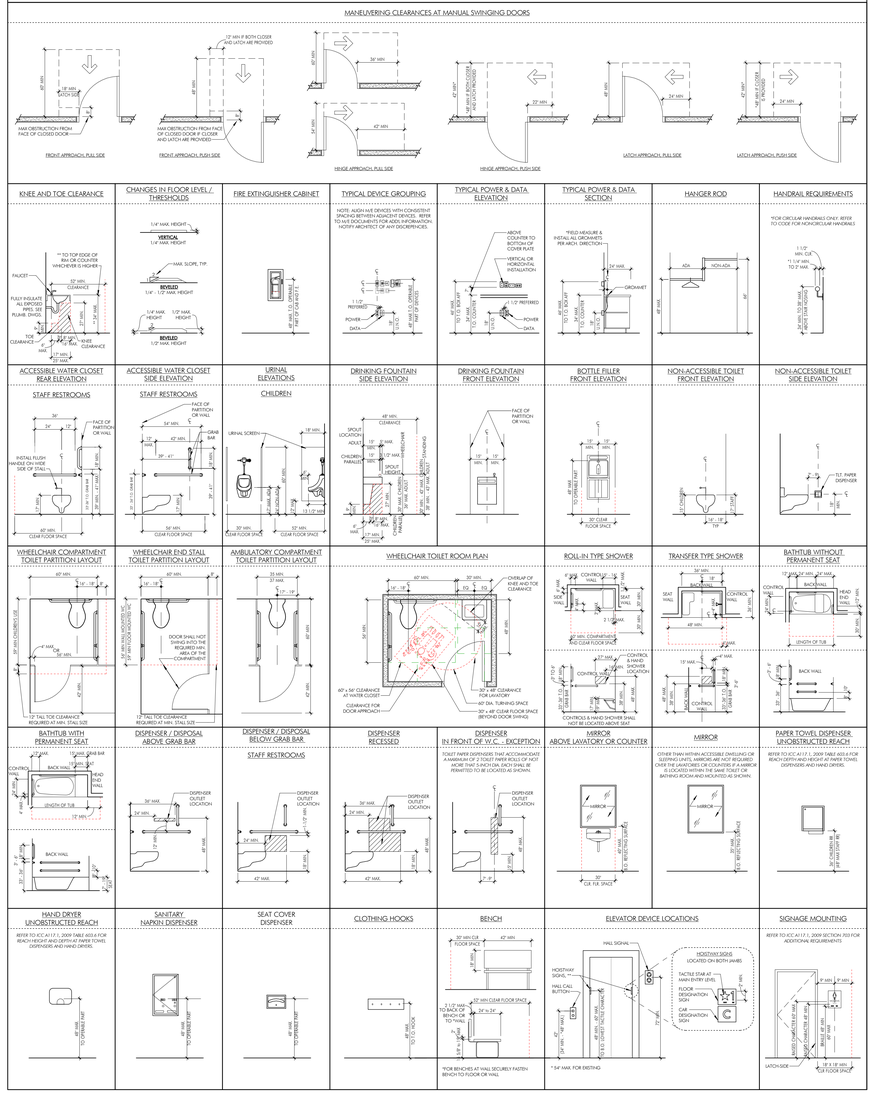

FINISH SCHEDULE

TAG	MANUFACTURER	STYLE	COLOR	REMARKS
ACOUSTIC PANEL				
ACP-1	ARMSTRONG	SOUNDSCAPE BLADES	WHITE	5'X94", VERTICAL PANEL, RECTANGULAR SHAPE, MOUNTED TO 2X2 OPEN GRID
ACP-2	ARMSTRONG	SOUNDSCAPE BLADES	GRAY	5'X46", VERTICAL PANEL, RECTANGULAR SHAPE, MOUNTED TO 2X2 OPEN GRID
ACP-3	ARMSTRONG	SOUNDSCAPE BLADES	WHITE	5'X46", VERTICAL PANEL, RECTANGULAR SHAPE, MOUNTED TO 2X2 OPEN GRID
BASE (WALL BASE)				
B-1	JOHNSONITE	4" TALL COVE RUBBER BASE	18 NAVY BLUE	4" GENERAL RUBBER WALL BASE. INSTALLED AT WALL BASE AND CABINET BASES.
B-2	JOHNSONITE	7.5" TALLCOVE RUBBER BASE	BLACK	7.5" RUBBER WALL BASE AT EXISTING CONSTRUCTION PATCH LOCATIONS. VERIFY COLOR AND HEIGHT IN THE FIELD TO CONFIRM MATCH.
CARPET				
CPT-1	PATCRAFT	PRADO	LAPIS	24" X 24" WALK-OFF CARPET @ ENTRY VESTIBULES; BRICK INSTALLATION
CPT-2	PATCRAFT	SUBURBAN ABSTRACT	RAILCAR	24" X 24" TILE @ OFFICE; BRICK INSTALLTION
CEILING				
ACT-1	ARMSTRONG	SCHOOL ZONE FINE FISSURED	WHITE	2X2, GENERAL CEILING TILE
ACT-2	ARMSTRONG	PRELUDE	WHITE	2X2, HEAVY DUTY, XL 15/16" OPEN GRID TO SUPPORT SOUNDBLADES
GWB-2	ARMSTRONG	ACOUSTIBUILT	WHITE	@ SLOPED CEILING
EPOXY FLOORING				
EP-1	SHERWIN WILLIAMS	DECOFLAKE 1/4"	GRAY SQUIRREL	FLOORING WITH COVE BASE. REFER TO DETAIL SHEETS A5 SERIES FOR COVE BASE DETAIL.
EXISTING				
EXST	N/A	EXST TO REMAIN	N/A	EXISTING TO REMAIN, PRTOECT FROM DAMAGE
EXTERIOR INSULATION FINISH SYSTEM				
EF-1	SIKA	SENERGY	3098 CRESCENT	BASIS OF DESIGN: SIKA SYNERGY CHANNELED ADHESIVE CI, FINE FINISH, LIGHTWEIGHT
EF-2	SIKA	SENERGY	611 ROBIN EGG	BASIS OF DESIGN: SIKA SYNERGY CHANNELED ADHESIVE CI, FINE FINISH, LIGHTWEIGHT
EF-3	SIKA	SENERGY	427 OATMEAL	BASIS OF DESIGN: SIKA SYNERGY CHANNELED ADHESIVE CI, FINE FINISH, LIGHTWEIGHT
EF-4	SIKA	SENERGY	605 BLUET	BASIS OF DESIGN: SIKA SYNERGY CHANNELED ADHESIVE CI, FINE FINISH, LIGHTWEIGHT
FIBERGLASS REINFORCED PLASTIC				
FRP-1	NUDO	CLASS A FIBERLITE WALL PANELS	MEDIUM GREY	FRP @ UTLITY SPACES, INSTALL 8 FT TALL ABOVE WALL BASE WITH MANUFACTURER STANDARD TRIM ACCESSORIES TO MATCH COLOR OF PANEL.
FRP-2	NUDO	CLASS A FIBERLITE WALL PANELS	ARCHITECTS FULL RANGE	INSTALL 4'-0" TALL ABOVE WALL BASE WITH MANUFACTURER STANDARD TRIM ACCESSORIES TO MATCH COLOR OF PANEL.
PAINT				
P-1	BENJAMIN MOORE		ACADIA WHITE	GENERAL PAINT
P-2	BENJAMIN MOORE		OLD NAVY	HM DOORS AND FRAMES
P-3	BENJAMIN MOORE		ORANGE APPEAL	CLASSROOM ACCENT
P-4	BENJAMIN MOORE		NOVA SCOTIA BLUE	CLASSROOM ACCENT
P-5	TBD	GLOSS	MILITARY BLUE	FACTORY APPLIED, HIGH PERFORMANCE 70% PVDF FLUOROPOLYMER FINISH (AAMA 2605)
P-6	BENJAMIN MOORE		CHANTILLY LACE	CEILINGS AND SOFFITS
P-7	MATCH EXST	MATCH EXST	MATCH EXISTING	MATCH EXISTING WALL PAINT COLOR AND SHEET AT EXISTING CORRIDOR
PLASTIC LAMINATE				
PL-1	PIONITE	MODERN MATTE	GULF STREAM	CASEWORK CABINETS
PL-2	PIONITE	SUPER MATTE	MIST	CASEWORK COUNTERTOPS
RESILIENT FLOORING				
RF-1	ARMSTRONG	IMPERIAL TEXTURE VCT	51904 STERLING	VCT - GENERAL
RF-2	ARMSTRONG	IMPERIAL TEXTURE VCT	59234 SILK	VCT - ACCENT
RF-3	ARMSTRONG	IMPERIAL TEXTURE VCT	51861 SOFT WARM GRAY	VCT - ACCENT
RF-4	ARMSTRONG	IMPERIAL TEXTURE VCT	57516 SCREAMIN' PUMPKIN	VCT - ACCENT
RF-5	ARMSTRONG	IMPERIAL TEXTURE VCT	59230 VICTORIA BLUE	VCT - ACCENT
RF-6	GERFLOR	TARAFLEX SPORT M PLUS	LIGHT CHERRY	FLOORING @ GYM
SOLID SURFACE				
SS-1	WILSONART		MYSTIQUE 9200CS	WINDOW SILLS, TRANSACTION COUNTER
TILE (PORCELAIN/CERAMIC)				
T-1	DALTILE	COLORWHEEL LINEAR; MATTE FINISH	BISCUIT	4'X12", RESTROOM WALL TILE. CENTER PATTERN ON WALL. LAYOUT WALL TILE TO AVOICE CUT TILES SMALLER THAN 3".
T-2	DALTILE	COLORWHEEL LINEAR; MATTE FINISH	URBAN PUTTY	4'X12", RESTROOM WALL TILE. CENTER PATTERN ON WALL. LAYOUT WALL TILE TO AVOICE CUT TILES SMALLER THAN 3".
T-3	DALTILE	COLORWHEEL LINEAR; MATTE FINISH	ORANGE BURST	4'X12", RESTROOM WALL TILE; ACCENT, 3 COURSES TALL TYPICAL ON ALL WALLS. ALIGN ACCENT TO ADJACENT FIELD TILE PATTERN.
TOILET PARTITION				
TP-1	SCRANTON PRODUCTS	HINEY HIDERS; ORANGE PEEL FINISH	BLUEBERRY	RESTROOM TOILET PARTITIONS
WALL COVERING				
WC-1	GRAVITY DIGITAL WALLS	TEXTURED WHITE WALLCOVERING BASE	CLOUD WASH INDIGO WORD WALL. CUSTOM DESIGN PER ARCHITECT IMAGE.	ACCENT WALL @ LOBBY
WALL PANELS				
F-1	KINETICS	HI-TACK	JUNO FOX	ACOUSTIC WALL PANELS @ GYM
F-2	KINETICS	HI-TACK	JUNO LYNX	ACOUSTIC WALL PANELS @ GYM
WP-1	FORBO	BULLETIN BOARD, 72" WIDE	BLANCHED ALMOND	GALLERY WALL @ ART
WOOD				
WD-1	VT INDUSTRIES	WHITE BIRCH VENEER	OASIS FINISH, OA07	WOOD VENEER DOORS, MATCH ARCHITECT SAMPLE

EQUIPMENT SCHEDULE

TAG	DESCRIPTION	MODEL	MANUFACTURER	SIZE W	SIZE H	SIZE D	INSTALLED BY	PROVIDED BY	REMARKS
EQ-1	ROLL-UP DIVIDER CURTAIN	MID-ROLL	DRAPER				GC	GC	COLOR: NAVY, MESH ON TOP, SOLID ON BOTTOM
EQ-2	CEILING SUSPENDED, FORWARD FOLD, FRONT BRACED BACKSTOP	TF-20	DRAPER				GC	GC	
EQ-3	ELECTRIC SIDE FOLDING WALL MOUNTED BACKSTOP	DGW-E	DRAPER INC.				GC	GC	
EQ-4	VOLLEYBALL	500021	DRAPER INC.				GC	GC	NET AND PADDING
EQ-5	WALL MOUNTED PROJECTOR SCREEN						GC	AV VENDOR/OWNER	
EQ-6	PROJECTOR WHITEBOARD						AV	GC	
EQ-7	TACK STRIP						GC	GC	
EQ-8	FORBO BULLETIN BOARD	FORBO	FORBO				GC	GC	SIZE VARIES, SEE ELEVATIONS OR PLANS. TYPICAL SIZE IS 4'X6', UNO.
EQ-9	55" AV DISPLAY						AV	AV VENDOR/OWNER	
EQ-10	SHOT CLOCK	PLK-BK9029	ALL AMERICAN STANDARD	2' - 0"	2' - 0"		GC	GC	
EQ-11	SCOREBOARD	PLK-BK9081	ALL AMERICAN STANDARD	8' - 0"	3' - 0"		GC	GC	
EQ-13	FABRIC WRAPPED PANEL	SPORTSBOARD ELITE	KINETICS NOISE	2' - 0"			GC	GC	HEIGHT VARIES, SEE GYM INTERIOR ELEVATIONS
EQ-14	FABRIC WRAPPED PANEL	HARDSIDE	KINETICS NOISE	2' - 0"	4' - 0"		GC	GC	SEE ART ROOM INTERIOR ELEVATIONS
EQ-15	GYMNASIUM WALL SAFETY PADDING		DRAPER	2' - 0"			GC	GC	
EQ-16	COMBINATION REFRIGERATOR/FREEZER						GC	GC	
EQ-17	HEAVY DUTY BALL CART		PORTER ATHLETIC				GC	GC	

TOILET ACCESSORY SCHEDULE

TAG	ITEM	SPECIFICATION	SIZE W	SIZE H	SIZE D	LOCATION	REMARKS
TA-01	GRAB BAR	BOBRICK, 6806				RR, SINGLE OCCUPANT TOILET	REFER TO MOUNTING HEIGHT SCHEDULE ON THIS SHEET
TA-02	CHANNEL FRAME MIRROR	BOBRICK, B-165 1836					REFER TO MOUNTING HEIGHT SCHEDULE FOR ADD'L INFO.
TA-03	FLOOR MOUNTED TOILET PARTITION	SCRANTON PRODUCTS HINY HIDER ORANGE PEEL FINISH					FLOOR MOUNTED THROUGH COLOR HPDE, CLASS A RATED PARTITION. REFER TO ELEVATIONS AND PLANS FOR ADD'L INFO
TA-04	JUMBO TOILET PAPER DISPENSER	BOBRICK, B-2890					REFER TO MOUNTING HEIGHT SCHEDULE ON THIS SHEET
TA-05	ELECTRIC HAND DRYER	BOBRICK, B-7128					REFER TO MOUNTING HEIGHT SCHEDULE ON THIS SHEET
TA-06	STAINLESS STEEL SOAP DISPENSER	BOBRICK, B-2013					SENSOR OPERATED, REFER TO MOUNTING HEIGHT SCHEDULE ON THIS SHEET
TA-07	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK, B-254, SATIN FINISH					SINGLE OCCUPANT TOILET, ONLY. REFER TO MOUNTING HEIGHT SCHEDULE ON THIS SHEET
TA-08	COAT & HAT HOOK	BOBRICK, B-76717					REFER TO MOUNTING HEIGHT SCHEDULE ON THIS SHEET
TA-09	TOILET SEAT COVER DISPENSER	BOBRICK, B-221					REFER TO MOUNTING HEIGHT SCHEDULE ON THIS SHEET
TA-10	PAPER TOWEL DISPENSER	BOBRICK, B-72860					
TA-11	MOP AND BROOM HOLDER	BOBRICK, B-239 X 34					
TA-12	SANITARY NAPKIN DISPENSER	BOBRICK, B-3076C					

CENTER FOR STUDENT LEARNING CHARTER SCHOOL AT PENNSBURY

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HSA PROJECT # :24-014

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