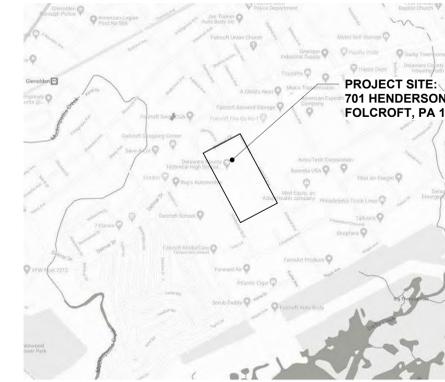


ADDITIONS AND RENOVATIONS TO THE FOLCROFT TECHNICAL SCHOOL DELAWARE COUNTY INTERMEDIATE UNIT



**DCIU FOLCROFT CAMPUS
LOCATION PLAN**

SYMBOLS		
SECTION TAG DETAIL NUMBER SHEET NUMBER	ROOM TAG ROOM NAME ROOM NUMBER	DOOR TAG
INTERIOR ELEVATION ELEVATION NUMBER SHEET NUMBER	CASEWORK TAG BASIS OF DESIGN MODEL NUMBER (CUSTOM/MODIFIED CABINETS HAVE "M" SUFFIX) CABINET NOMINAL HEIGHT CABINET WIDTH	ROOF TAG
EXTERIOR ELEVATION ELEVATION NUMBER SHEET NUMBER	WINDOW TAG	NEW DOOR / EXISTING DOOR
DETAIL TAG	CURTAIN WALL TAG	EXISTING COL. LINE OCTAGON ITALIC TEXT
PARTITION/BULKHEAD TAG (REFER TO A1.0 FOR TYPES)	STOREFRONT TAG	NEW COL. LINE CIRCLE STANDARD TEXT
HATCH PATTERNS		
METAL STUD	BRICK	CONCRETE
RIGID INSULATION	BATT INSUL.	ROUGH WOOD
		CMU
		EARTH
		STEEL
		PLYWOOD
		FINISHED WOOD
		GRAVEL

ABBREVIATIONS
(NOT ALL ABBREVIATIONS APPEAR IN PROJECT)

AC	AIR CONDITIONING	EQUIP	EQUIPMENT	MIN	MINIMUM	STC	SOUND TRANSMISSION COEFFICIENT
ACM	ALUMINUM COMPOSITE MATERIAL	ES	EACH SIDE	MISC	MISCELLANEOUS	STL	STEEL
ACUST	ACOUSTICAL	ETR	EXISTING TO REMAIN	MO	MASONRY OPENING	STOR	STORAGE
ACT	ACOUSTIC CEILING TILE	EWIC	ELECTRIC WATER COOLER	MIR	MOISTURE RESISTANT	STRG	STRINGER
ADJ	ADJACENT	EXH	EXHAUST	MTD	MOUNTED	STRUCT	STRUCTURE OR STRUCTURAL
AFB	ABOVE FINISHED FLOOR	EXIST	EXISTING	MTG	MOUNTING	SUSP	SUSPENDED
AFG	ABOVE FINISHED GRADE	EXP	EXPANSION	MTL	METAL	SYM	SYMMETRICAL
AGGR	AGGREGATE	EXT	EXTERIOR	MULL	MULLION	SYS	SYSTEM
ALT	ALTERNATE	FA	FIRE ALARM	MW	MICROWAVE	T	TREAD
ALUM	ALUMINUM	FD	FLOOR DRAIN	N	NORTH	T&B	TOP AND BOTTOM
ANOD	ANODIZED	FDC	FIRE DEPARTMENT CONNECTION	NA	NOT APPLICABLE	T&G	TONGUE AND GROOVE
APPROX	APPROXIMATE	FE	FIRE EXTINGUISHER	NC	NOISE CRITERIA	TLT	TOILET
ARCH	ARCHITECTURAL	FEC	FIRE EXTINGUISHER CABINET	NIC	NOT IN CONTRACT	TMFD	TEMPERED
ATTN	ATTENTION	FF&E	FURNITURE, FIXTURES AND EQUIPMENT	NOM	NOMINAL	TO	TOP OF
AV	AUDIOVISUAL	FND	FOUNDATION	NTS	NOT TO SCALE	TOB	TOP OF BEAM
BD	BOARD	FO	FACE OF	OA	OUTSIDE AIR	TOC	TOP OF CONCRETE
BIT	BITUMINOUS	FP	FIRE PROTECTION	OC	ON CENTER	TOS	TOP OF STEEL
BLDG	BUILDING	FRC	FIBER REINFORCED CONCRETE	OD	OUTSIDE DIAMETER	TS	TUBE STEEL
BLKG	BLOCKING	FLR	FLOOR	OD	OVERFLOW DRAIN	TV	TELEVISION
BM	BEAM	FND	FOUNDATION	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED	VAR	VARIES
BO	BOTTOM OF	FO	FACE OF	OFF	OFFICE	VCT	VINYL COMPOSITION TILE
BOT	BOTTOM	FP	FIRE PROTECTION	OFI	OWNER FURNISHED, OWNER INSTALLED	VERT	VERTICAL
BRG	BEARING	FRC	FIBER REINFORCED CONCRETE	OH	OVERHEAD	VEST	VESTIBULE
BSMT	BASEMENT	FRP	FIBER REINFORCED PLASTIC	OPNG	OPENING	W	WIDEST
CB	CEMENT BOARD	FRT	FIRE RETARDANT TREATED	OPP	OPPOSITE	W/	WITH
CBU	CEMENTITIOUS BACKER UNIT	FRZ	FREEZER	ORD	OVERFLOW ROOF DRAIN	W/O	WITHOUT
CCTV	CLOSED CIRCUIT TELEVISION	FT	FEET/FOOT	PBD	PARTICLE BOARD	WC	WATER CLOSET
CFS	COLD FORMED STEEL	FTG	FOOTING	PC	PRECAST OR PLUMBING CONTRACTOR (OR)	WLD	WOOD
CG	CORNER GUARD	FURN	FURNITURE	PERF	PERFORATED	WP	WATERPROOFING/WATERPROOF
CI	CAST IRON	FURR	FURRING	PERIM	PERIMETER	WPM	WATERPROOF MEMBRANE
CIP	CAST-IN-PLACE	GA	GUAGE	PERP	PERPENDICULAR	WSCOT	WAINSCOT
CJ	CONTROL JOINT	GALV	GALVANIZED	GEN	GENERAL CONTRACTOR	WT	WEIGHT TREATED
CL	CENTERLINE	GC	GENERAL CONTRACTOR	PLAM	PLASTIC LAMINATE	WWF	WELDED WIRE FABRIC
CLG	CEILING	GL	GLASS	PLBG	PLUMBING	WWM	WELDED WIRE MESH
CLR	CLEAR	GFRG	GLASS FIBER REINFORCED GYPSUM	PLF	POUNDS PER LINEAR FOOT		
CMU	CONCRETE MASONRY UNIT	GL	GLASS	PLYWD	PLYWOOD		
CO	CLEANOUT	GLAZ	GLAZING	PNT	PANEL		
COL	COLUMN	GRD	GROUND	PRF	PREPARED		
CONC	CONCRETE	GRD	GROUND	PRFAB	PREFABRICATED		
CONST	CONSTRUCTION	GYP	GYPSUM WALL BOARD	PROJ	PROJECT		
CONT	CONTINUOUS	H	HIGH-HEIGHT	PSF	POUNDS PER SQUARE FOOT		
COORD	COORDINATE	HC	HANDICAPPED	PT	PRESSURE TREATED		
CORR	CORRIDOR	HDWR	HARDWARE	PTD	PAINTED		
CPT	CARPET	HGT	HEIGHT	PVC	POLYVINYL CHLORIDE		
CT	CERAMIC TILE	HM	HOLLOW METAL	QTY	QUANTITY		
CTR	CENTER	HNDRL	HANDRAIL	QUARRY	QUARRY TILE		
CTSK	COUNTERSINK	HO	HOLD OPEN	RA	RETURN AIR		
CW	COLD WATER	HORIZ	HORIZONTAL	RB	RESILIENT BASE		
D	DEEP, DEPTH	HR	HOUR	RCP	REFLECTED CEILING PLAN		
DBL	DOUBLE	HSS	HOLLOW STRUCTURAL SECTION	RD	ROOF DRAIN		
DEM	DEMOLISH OR DEMOLITION	HTG	HEATING	RLD	ROUGH DRAIN LEADER		
DEPT	DEPARTMENT	HTG	HEATING	REC	RECESSED		
DF	DRINKING FOUNTAIN	HVAC	HEATING VENTILATION AND AIR CONDITIONING	RECP	RECEPTACLE		
DIA	DIAMETER	HW	HOT WATER	REF	REFERENCE		
DIFF	DIFFUSER	IDM	INSIDE DIAMETER	REFR	REFRIGERATOR		
DIM	DIMENSION	IN	INCHES	REIN	REINFORCED REINFORCING		
DIMS	DIMENSIONS	IN	INCHES	REQ	REQUIRE/REQUIRED		
DIV	DIVISION	INSUL	INSULATION	REV	REVISION/REVISED		
DMFP	DAMP PROOFING	INT	INTERIOR	RM	ROOM		
DN	DOWN	INTERM	INTERMEDIATE	RO	ROUGH OPENING		
DO	DOOR OPENING	INV	INVERT	RTD	RATED		
DR	DOOR	JAN	JANITOR	RTG	RATING		
DRN	DRAIN	JST	JOIST	RWL	RAIN WATER LEADER		
DS	DOWNSPOUT	JT	JOINT	S	SOUTH		
DTL	DETAIL	KA	KITCHEN	SA	SUPPLY AIR		
DW	DISHWASHER	KIT	KITCHEN	SC	SOLID CORE		
DWG	DRAWING	LAM	LAMINATE	SD	STORM DRAIN		
E	EAST	LAV	LAVATORY	SECT	SECTION		
EA	EAST	LB	POUNDS	SF	SQUARE FEET/FOOT		
EC	ELECTRICAL CONTRACTOR	LGM	LIGHT GAUGE METAL	SHT	SHEET		
EJ	EXPANSION JOINT	LLH	LONG LEG HORIZONTAL	SIM	SIMILAR		
EJC	EXPANSION JOINT COVER	LLV	LONG LEG VERTICAL	SM	SHEET METAL		
EL	ELEVATION	MAX	MAXIMUM	SM	SURFACE MOUNTED		
ELC	ELECTRICAL	MECH	MECHANICAL	SPEC	SPECIFIED OR SPECIFICATION		
ELEV	ELEVATOR	MED	MEDIAN	SPK	SPECIFIED OR SPECIFICATION		
EMER	EMERGENCY	MEMB	MEMBRANE	SPKR	SPEAKER		
ENCL	ENCLOSURE	MFR	MANUFACTURER	SQ	SQUARE		
ENG	ENGINEER	MH	MAN HOLE	SS	STAINLESS STEEL		
EP	ELECTRICAL PANEL						
EPDM	ETHYLENE PROPYLENE DIENE M-CLASS						
EQ	EQUAL						

CODE / PHASING

A0.1	CODE ANALYSIS AND NOTES
A0.2	CODE ANALYSIS AND NOTES
A0.3	LIFE SAFETY PLANS - BASE BID
A0.4	GENERAL NOTES AND PARTITION TYPES
A0.5	PHASING PLANS
A0.6	PHASING PLANS
A0.7	PHASING PLANS
A0.8	PHASING PLANS
CIVIL	
C-1	LAND DEVELOPMENT PLAN
C-2	EXISTING CONDITIONS PLAN
C-3	SITE DEMOLITION PLAN
C-4	GRADING PLAN
C-5	UTILITIES PROFILES PLAN
C-6	UTILITIES PROFILES PLAN
C-7	UTILITIES PROFILES PLAN
C-8	UTILITIES PLAN
C-9	EROSION & SEDIMENT CONTROL PLAN
C-10	CONSTRUCTION DETAILS PLAN
C-11	CONSTRUCTION DETAILS PLAN
C-12	CONSTRUCTION DETAILS PLAN
C-13	SANITARY SEWER CONSTRUCTION DETAILS PLAN
C-14	WATER SERVICE DETAILS PLAN
C-15	LANDSCAPE PLAN
C-16	TRAFFIC CONTROL & STRIPING PLAN
C-17	TRAFFIC CONTROL SIGN DETAILS PLAN
C-18	TRAFFIC CONTROL PAVEMENT MARKINGS DETAIL PLAN
C-19	BUS TURNING PLAN
C-20	PHASE 1 - SITE DEMOLITION PLAN
C-21	PHASE 1 - GRADING PLAN
C-22	PHASE 1 - EROSION & SEDIMENT CONTROL PLAN

ARCHITECTURAL

AD1.0	OVERALL DEMOLITION PLAN
AD1.1	LEVEL 1 DEMOLITION PLAN - AREA A1
AD1.2	LEVEL 1 DEMOLITION PLAN - AREA A2
AD1.3	LEVEL 1 DEMOLITION PLAN - AREA B4
AD1.4	LEVEL 1 DEMOLITION PLAN - AREA B3
AD1.5	LEVEL 2 DEMOLITION PLAN - AREA A1
AD1.6	LEVEL 2 DEMOLITION PLAN - AREA B1
AD1.7	LEVEL 2 DEMOLITION PLAN - AREA B2
A1.0	OVERALL FLOOR PLANS - BASE BUILDING
A1.0.1	OVERALL FLOOR PLANS - ALT 1
A1.0.2	OVERALL FLOOR PLANS - ALT 2
A1.0.3	OVERALL FLOOR PLANS - ALT 3
A1.1	LEVEL 1 FLOOR PLAN - AREA A1
A1.2	LEVEL 1 FLOOR PLAN - AREA A2 & B2
A1.3	LEVEL 1 FLOOR PLAN - AREA B3
A1.4	LEVEL 1 FLOOR PLAN - AREA B4
A1.5	LEVEL 1 FLOOR PLAN - AREA C
A1.6	LEVEL 2 FLOOR PLAN - AREA A1
A1.6.1	LEVEL 2 FLOOR PLAN - AREA A1 ALT 2
A1.7	LEVEL 2 FLOOR PLAN - AREA B1
A1.8	LEVEL 2 FLOOR PLAN - AREA B2
A1.9	LEVEL 2 FLOOR PLAN - AREA C

ARCHITECTURAL

A1.10	LEVEL 3 FLOOR PLAN - AREA A1
A1.10.1	LEVEL 3 FLOOR PLAN - AREA A1 ALT 1&2
A1.11	MEZZANINE FLOOR PLAN - AREA B3/B4
A1.12	PLAN DETAILS
A1.13	PLAN DETAILS
A2.0	OVERALL EXTERIOR ELEVATIONS
A2.0.3	OVERALL EXTERIOR ELEVATIONS - ALT 3
A2.1	EXTERIOR ELEVATIONS - AREA A
A2.2	EXTERIOR ELEVATIONS - AREA A/B
A2.3	EXTERIOR ELEVATIONS - AREA A/B
A2.4	EXTERIOR ELEVATIONS - AREA B
A2.5	EXTERIOR ELEVATIONS - AREA C
A2.5.3	EXTERIOR ELEVATIONS - AREA C - ALT 3
A2.6	EXTERIOR ELEVATIONS - MISC. DETAILS
A3.1	BUILDING SECTIONS - AREA A / B2
A3.2	BUILDING SECTIONS - AREA B1
A3.3	BUILDING SECTIONS - AREA A1 / B1
A3.4	BUILDING SECTIONS - AREA B4 / B3
A3.5	BUILDING SECTIONS - AREA C
A3.5.3	BUILDING SECTIONS - AREA C - ALT 3
A4.1	WALL SECTIONS AND DETAILS - AREA A
A4.2	WALL SECTIONS AND DETAILS - AREA A
A4.3	WALL SECTIONS AND DETAILS - AREA A
A4.4	WALL SECTIONS AND DETAILS - AREA A
A4.5	WALL SECTIONS AND DETAILS - AREA A
A4.6	WALL SECTIONS AND DETAILS - AREA B1 & B2
A4.7	WALL SECTIONS AND DETAILS - AREA B3
A4.8	WALL SECTIONS AND DETAILS - AREA C
A4.8.3	WALL SECTIONS AND DETAILS - AREA C - ALT 3
A4.9	WALL SECTIONS AND DETAILS - AREA C
A4.9.3	WALL SECTIONS AND DETAILS - AREA C - ALT 3
A5.0	ROOF DEMOLITION PLAN
A5.1	ROOF PLAN - BASE BID
A5.1.3	ROOF PLAN - ALT 3
A5.2	TYPICAL ROOF DETAILS - EXISTING CONSTRUCTION
A5.3	TYPICAL ROOF DETAIL - NEW CONSTRUCTION
A5.4	TYPICAL ROOF DETAIL - NEW CONSTRUCTION
A5.5	CANOPY ROOF PLANS
A5.6	CANOPY ROOF PLANS
A6.1	LEVEL 1 REFLECTED CEILING PLAN - AREA A1
A6.2	LEVEL 1 REFLECTED CEILING PLAN - AREA A2 & B2
A6.3	LEVEL 1 REFLECTED CEILING PLAN - AREA B3
A6.4	LEVEL 1 REFLECTED CEILING PLAN - AREA B4
A6.5	LEVEL 1 REFLECTED CEILING PLAN - AREA C
A6.6	LEVEL 2 REFLECTED CEILING PLAN - AREA A1
A6.6.2	LEVEL 2 REFLECTED CEILING PLAN - AREA A1 - ALT 2
A6.7	LEVEL 2 REFLECTED CEILING PLAN - AREA B1
A6.8	LEVEL 2 REFLECTED CEILING PLAN - AREA B2
A6.9	LEVEL 2 REFLECTED CEILING PLAN - AREA C
A6.10	LEVEL 3 REFLECTED CEILING PLAN - AREA A1
A6.10.1	LEVEL 3 REFLECTED CEILING PLAN - AREA A1 - ALT 1 & 2
A7.1	ELEVATOR EL-1 - PLANS, SECTIONS, AND DETAILS
A7.2	ELEVATOR EL-2 - PLANS, SECTIONS, AND DETAILS
A7.3	STAIR A-ST2 - PLANS AND SECTIONS
A7.4	STAIR A-ST3 - PLANS AND SECTIONS
A7.5	STAIR B-ST1 - PLANS AND SECTIONS
A7.6	STAIR C-ST1 - PLANS AND SECTIONS
A7.7	STAIR C-ST2 - PLANS AND SECTIONS
A7.8	STAIR A-ST1 AND B-ST2
A7.9	STAIR AREA B3 / B4 AND STAGE RAMP

ARCHITECTURAL

A7.10	TYPICAL STAIR DETAILS
A8.1	LEVEL 1 INTERIORS PLAN - AREA A1
A8.2	LEVEL 1 INTERIORS PLAN - AREA A2 & B2
A8.3	LEVEL 1 INTERIORS PLAN - AREA B3
A8.4	LEVEL 1 INTERIORS PLAN - AREA B4
A8.5	LEVEL 1 INTERIORS PLAN - AREA C
A8.6	LEVEL 2 INTERIORS PLAN - AREA A1
A8.7	LEVEL 2 INTERIORS PLAN - AREA B1
A8.8	LEVEL 2 INTERIORS PLAN - AREA B2
A8.9	LEVEL 3 INTERIORS PLAN - AREA A1
A8.10	INTERIOR ELEVATIONS - LEVEL 1 - AREA A1
A8.11	INTERIOR ELEVATIONS - LEVEL 1 - AREA A1
A8.12	INTERIOR ELEVATIONS - LEVEL 1 - AREA A1
A8.13	INTERIOR ELEVATIONS - LEVEL 1 - AREA A2
A8.14	INTERIOR ELEVATIONS - LEVEL 1 - AREA A2 & B1
A8.15	INTERIOR ELEVATIONS - LEVEL 1 - AREA B1
A8.16	INTERIOR ELEVATIONS - LEVEL 1 - AREA B3
A8.17	INTERIOR ELEVATIONS - LEVEL 1 - AREA B4
A8.18	INTERIOR ELEVATIONS - LEVEL 1 - AREA B2
A8.19	INTERIOR ELEVATIONS - LEVEL 1 - AREA C
A8.20	INTERIOR ELEVATIONS - LEVEL 1 - AREA C
A8.21	INTERIOR ELEVATIONS - LEVEL 2 - AREA A
A8.22	INTERIOR ELEVATIONS - LEVEL 2 - AREA B1
A8.23	INTERIOR ELEVATIONS - LEVEL 2 - AREA B2
A8.24	INTERIOR ELEVATIONS - LEVEL 2 - AREA B2
A8.25	INTERIOR ELEVATIONS - LEVEL 3 - AREA A
A8.26	INTERIOR ELEVATIONS - LEVEL 3 - AREA A
A8.27	ACCESSIBILITY DETAILS
A8.28	ENLARGED RESTROOM PLANS
A8.29	ENLARGED RESTROOM PLANS
A8.30	RESTROOM INTERIOR ELEVATIONS
A8.31	RESTROOM INTERIOR ELEVATIONS
A8.32	CORRIDOR INTERIOR ELEVATIONS
A8.33	CORRIDOR INTERIOR ELEVATIONS
A8.34	CORRIDOR INTERIOR ELEVATIONS
A8.35	CORRIDOR INTERIOR ELEVATIONS
A8.36	CORRIDOR INTERIOR ELEVATIONS
A8.37	MULTIPURPOSE ROOM INTERIOR ELEVATIONS
A9.4	WINDOW SCHEDULE AND DETAILS
A9.5	OPERABLE PARTITIONS
A10.1	LEVEL 1 FINISH PLAN - AREA A1
A10.2	LEVEL 1 FINISH PLAN - AREA A2 & B2
A10.3	LEVEL 1 FINISH PLAN - AREA B3
A10.4	LEVEL 1 FINISH PLAN - AREA B4
A10.5	LEVEL 1 FINISH PLAN - AREA C
A10.6	LEVEL 2 FINISH PLAN - AREA A1
A10.7	LEVEL 2 FINISH PLAN - AREA B1
A10.8	LEVEL 2 FINISH PLAN - AREA B2
A10.9	LEVEL 3 FINISH PLAN - AREA A1
A10.10	FINISH SCHEDULES LEVEL 1 & FINISH LEGEND
A10.11	FINISH SCHEDULES LEVELS 2 & 3
A11.1	STORAGE SHED
A11.2	PLAYGROUND

FOOD SERVICE

FS-1.0	FOODSERVICE EQUIPMENT PLAN
FS-1.1	FOODSERVICE EQUIPMENT SCHEDULE
FS-1.2	FOODSERVICE ELECTRICAL PLAN
FS-1.3	FOODSERVICE PLUMBING PLAN
FS-1.4	FOODSERVICE UTILITIES SCHEDULES
FS-1.5	FOODSERVICE SPECIAL CONDITIONS PLAN
FS-2.0	FOODSERVICE WALK-IN DETAILS
FS-2.1	FOODSERVICE WALK-IN DETAILS

STRUCTURAL

S-0.0	GENERAL STRUCTURAL NOTES & SCHEDULES
S-0.1	GENERAL STRUCTURAL NOTES & SCHEDULES
S-0.2	SCHEDULE OF SPECIAL INSPECTIONS
S-1.0	AREA A1 - FOUNDATION PLAN
S-1.1	AREA B4 - FOUNDATION PLAN
S-1.2	AREA B2 & B3 - FOUNDATION PLAN
S-1.3	AREA B1 - FDN. / FRMG. PLANS & DETAILS
S-1.4	AREA C - BASE BID / DEDUCT ALT. 1, 2, & 3 FDN. PLAN
S-1.5	AREA A1 - SECOND FLR. FRMG PLAN
S-1.6	AREA C - BASE BID / DEDUCT ALT. 1 & 2 2ND FLR. FRMG. PLAN
S-1.7	AREA A1 - THIRD FLR. & LOW ROOF FRMG. PLAN
S-1.8	AREA A1 - ROOF FRMG. PLAN
S-1.9	AREA B4 - ROOF FRAMING PLAN
S-1.10	AREA B3 - ROOF FRAMING PLAN
S-1.11	AREA C - BASE BID / DEDUCT ALT. 1 & 2 ROOF FRMG. PLAN
S-1.12	AREA C - DEDUCT ALT. 3 ROOF FRMG. PLAN
S-1.13	AREA A2 & B1 - PARTIAL ROOF FRMG. PLANS
S-1.14	AREA B1 CANOPY FLOOR
S-1.15	AREA B2 - SECOND FLOOR FRAMING PLAN
S-2.0	SECTIONS
S-2.1	SECTIONS
S-2.2	SECTIONS
S-2.3	SECTIONS
S-3.0	TYPICAL DETAILS
S-3.1	TYPICAL DETAILS
S-3.2	TYPICAL DETAILS

SEAL: _____
CONSULTANT: _____

ADDITIONS AND RENOVATIONS TO THE
FOLCROFT TECHNICAL SCHOOL
DELAWARE COUNTY
INTERMEDIATE UNIT
701 HENDERSON BLVD.
FOLCROFT, PA 19032

BUILDING CODE ANALYSIS:

PENNSYLVANIA UNIFORM CONSTRUCTION CODE (UCC): INTERNATIONAL BUILDING CODE - 2015 INTERNATIONAL EXISTING BUILDING CODE - 2018 INTERNATIONAL FIRE CODE - 2018 INTERNATIONAL PLUMBING CODE - 2018 INTERNATIONAL ENERGY CONSERVATION CODE - 2018 INTERNATIONAL MECHANICAL CODE - 2018 ICC A117.1 - 2009 ACCESSIBILITY CODE, CHAPTER 11 AND APPENDIX E OF 2018 INTERNATIONAL BUILDING CODE

03. USE AND OCCUPANCY CLASSIFICATION
305 EDUCATION GROUP E - THROUGH 12TH GRADE

303 ASSEMBLY GROUP A-3 (MULTI-PURPOSE AND CAFETERIA)
303.1.1 ASSOCIATED WITH GROUP E OCCUPANCIES. A ROOM OF SPACE USED FOR ASSEMBLY PURPOSES THAT IS ASSOCIATED WITH A GROUP E OCCUPANCY IS NOT CONSIDERED A SEPARATE OCCUPANCY.

304 BUSINESS B - (ADMINISTRATION AREAS AND NURSE)

04. SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY
410 STAGES AND PLATFORMS

410.4 PLATFORM CONSTRUCTION. PERMANENT PLATFORMS SHALL BE CONSTRUCTED OF MATERIALS AS REQUIRED FOR THE TYPE OF CONSTRUCTION OF THE BUILDING IN WHICH THE PERMANENT PLATFORMS ARE PERMITTED TO BE CONSTRUCTED OF FIRE-RETARDANT TREATED WOOD FOR TYPES I, II, AND IV CONSTRUCTION WHERE THE PLATFORMS ARE NOT MORE THAN 30 INCHES ABOVE THE MAIN FLOOR, AND NOT MORE THAN ONE THIRD OF THE ROOM FLOOR AREA AND NOT MORE THAN 3,000 SF IN AREA.

05. GENERAL BUILDING HEIGHTS AND AREAS

EXTERIOR DOORS SHALL BE PROVIDED WITH IDENTIFICATION WHERE REQUIRED BY THE FIRE OFFICIAL TO FACILITATE AN EMERGENCY RESPONSE. DOOR IDENTIFICATION SHALL BE LEGIBLE AND PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. CHARACTERISTICS SHALL CONTRAST WITH THEIR BACKGROUND AND EACH CHARACTER SHALL NOT BE LESS THAN 4 INCHES WITH A MINIMUM STROKE OF 1/2".

TABLE 504.3 & 504.4 & 506.7 ALLOWABLE BUILDING HEIGHTS AND AREAS

GROUP E
TYPE OF CONSTRUCTION: TYPE IIB
HEIGHT LIMITATION: 3 STORIES, 75 FEET
AREA LIMITATION: 43,500 SF PER STORY / 58,000 SF PER STORY

Table with 2 columns: ACTUAL BUILDING SIZE (HEIGHT, STORIES) and BUILDING AREA (MAX. HEIGHT, FLOOR AREA). Rows include Building A (28'-2" height, 26,473 SF), Building B (42'-8" height, 30,354 SF), Building C (33'-4" height, 30,704 SF), and Building D (19'-4" height, 45,927 SF).

06. TYPES OF CONSTRUCTION
802 CONSTRUCTION CLASSIFICATION

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

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

Table with 2 columns: BUILDING ELEMENT and TYPE. Rows include Primary Structural Frame (IIB), Bearing Walls (0), Nonbearing Walls and Partitions (0), Floor Construction and Secondary Members (0), and Roof Construction and Secondary Members (0).

TABLE 602 FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE

Table with 3 columns: FIRE SEPARATION DISTANCE (X), TYPE OF CONSTRUCTION, and OCCUPANCY GROUP. Rows show requirements for X < 5', 5' < X < 10', 10' < X < 30', and X >= 30'.

07. FIRE AND SMOKE PROTECTION FEATURES

705 EXTERIOR WALLS

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

705.8 OPENINGS. OPENINGS IN EXTERIOR WALLS SHALL COMPLY WITH SECTIONS 705.8.1 THROUGH 705.8.6.

705.8.1 ALLOWABLE AREA OF OPENINGS. THE MAXIMUM AREA OF UNPROTECTED AND PROTECTED OPENINGS PERMITTED IN AN EXTERIOR WALL IN ANY STORY OF A BUILDING SHALL NOT EXCEED THE PERCENTAGES SPECIFIED IN TABLE 705.8.

EXCEPTION: BUILDINGS WHOSE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS AND EXTERIOR PRIMARY STRUCTURAL FRAME ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED SHALL BE PERMITTED TO HAVE UNLIMITED UNPROTECTED OPENINGS.

TABLE 705.8 MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION

Table with 3 columns: FIRE SEPARATION DISTANCE, DEGREE OF OPENING PROTECTION, and ALLOWABLE AREA. Rows show requirements for 20' to less than 25' and no limit.

706 FIRE WALLS

EACH PORTION OF A BUILDING SEPARATED BY ONE OR MORE FIRE WALLS THAT COMPLY WITH THE PROVISIONS OF THIS SECTION SHALL BE CONSIDERED A SEPARATE BUILDING.

706.2 STRUCTURAL STABILITY. FIRE WALLS SHALL BE DESIGNED AND CONSTRUCTED TO ALLOW COLLAPSE OF THE STRUCTURE ON EITHER SIDE WITHOUT COLLAPSE OF THE WALL UNDER FIRE CONDITIONS. FIRE WALLS DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH NFPA 221 SHALL BE DEEMED TO COMPLY WITH THIS SECTION.

706.3 MATERIALS. FIRE WALLS SHALL BE OF AN APPROVED NON-COMBUSTIBLE MATERIALS.

706.4 FIRE-RESISTANCE RATING. FIRE WALLS SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN THAT REQUIRED BY TABLE 706.4.

Table 706.4: FIRE WALL FIRE-RESISTANCE RATINGS. Shows fire-resistance ratings in hours for various fire wall types (A, B, C, D) and their corresponding fire-resistance ratings.

706.5 HORIZONTAL CONTINUITY. FIRE WALLS SHALL BE CONTINUOUS FROM EXTERIOR WALL TO EXTERIOR WALL AND SHALL EXTEND NOT LESS THAN 18 INCHES BEYOND THE EXTERIOR SURFACE OF EXTERIOR WALLS.

EXCEPTIONS:
1. FIRE WALLS SHALL BE PERMITTED TO TERMINATE AT THE INTERIOR SURFACE OF COMBUSTIBLE EXTERIOR SHEATHING OR SIDING PROVIDED THAT THE EXTERIOR WALL HAS A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR FOR A HORIZONTAL DISTANCE OF NOT LESS THAN 4 FEET (1220 MM) ON BOTH SIDES OF THE FIRE PROTECTION RATING OF NOT LESS THAN 3/4 HOUR.

2. FIRE WALLS SHALL BE PERMITTED TO TERMINATE AT THE INTERIOR SURFACE OF NONCOMBUSTIBLE EXTERIOR SHEATHING, EXTERIOR SIDING OR OTHER NONCOMBUSTIBLE EXTERIOR FINISHES PROVIDED THAT THE SHEATHING, SIDING OR OTHER EXTERIOR NONCOMBUSTIBLE FINISH EXTENDS A HORIZONTAL DISTANCE OF NOT LESS THAN 4 FEET (1220 MM) ON BOTH SIDES OF THE FIRE WALL.

3. FIRE WALLS SHALL BE PERMITTED TO TERMINATE AT THE INTERIOR SURFACE OF NONCOMBUSTIBLE EXTERIOR SHEATHING WHERE THE BUILDING ON EACH SIDE OF THE FIRE WALL IS PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2.

706.5.1 EXTERIOR WALLS. WHERE THE FIRE WALL INTERSECTS EXTERIOR WALLS, THE FIRE-RESISTANCE RATING AND OPENING PROTECTION OF THE EXTERIOR WALLS SHALL COMPLY WITH ONE OF THE FOLLOWING:

1. EXTERIOR WALLS ON BOTH SIDES OF THE FIRE WALL SHALL HAVE A 1-HOUR FIRE-RESISTANCE RATING WITH 3/4-HOUR PROTECTION WHERE OPENING PROTECTION IS REQUIRED BY SECTION 705.8. THE FIRE-RESISTANCE RATING OF THE EXTERIOR WALL SHALL EXTEND A MINIMUM OF 4 FEET ON EACH SIDE OF THE INTERSECTION OF THE FIRE WALL TO EXTERIOR WALL.

706.6 VERTICAL CONTINUITY. FIRE WALLS SHALL EXTEND FROM THE FOUNDATION TO A TERMINATION POINT AT LEAST 30 INCHES ABOVE BOTH ADJACENT ROOFS.

EXCEPTIONS:
2. TWO-HOUR FIRE-RESISTANCE-RATED WALLS SHALL BE PERMITTED TO TERMINATE AT THE UNDERSIDE OF THE ROOF SHEATHING, DECK OR SLAB PROVIDED THAT:
2.1. THE LOWER ROOF ASSEMBLY WITHIN 4 FEET (1220 MM) OF THE WALL HAS NOT LESS THAN A 1-HOUR FIRE-RESISTANCE RATING AND THE ENTIRE LENGTH AND SPAN OF SUPPORTING ELEMENTS FOR THE RATED ROOF ASSEMBLY HAS A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR.

2.2. OPENINGS IN THE ROOF SHALL NOT BE LOCATED WITHIN 4 FEET (1220 MM) OF THE FIRE WALL.
2.3. EACH BUILDING SHALL BE PROVIDED WITH NOT LESS THAN A CLASS B ROOF COVERING.

3. WALLS SHALL BE PERMITTED TO TERMINATE AT THE UNDERSIDE OF NONCOMBUSTIBLE ROOF SHEATHING, DECK OR SLABS WHERE BOTH BUILDINGS ARE PROVIDED WITH NOT LESS THAN A CLASS B ROOF COVERING, OPENINGS IN THE ROOF SHALL NOT BE LOCATED WITHIN 4 FEET (1220 MM) OF THE FIRE WALL.

706.8 OPENINGS. EACH OPENING THROUGH A FIRE WALL SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 716 AND SHALL NOT EXCEED 150 SQUARE FEET. THE AGGREGATE WIDTH OF OPENINGS AT ANY FLOOR LEVEL SHALL NOT EXCEED 25 PERCENT OF THE LENGTH OF THE WALL.

EXCEPTION:

OPENINGS SHALL NOT BE LIMITED TO 150 SQUARE FEET WHERE BOTH BUILDINGS ARE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1.

706.9 PENETRATIONS. PENETRATIONS OF FIRE WALLS SHALL COMPLY WITH SECTION 714.

706.10 JOINTS. JOINTS MADE IN OR BETWEEN FIRE WALLS SHALL COMPLY WITH SECTION 715.
706.11 DUCTS AND AIR TRANSFER OPENINGS. DUCTS AND AIR TRANSFER OPENINGS SHALL NOT PENETRATE FIRE WALLS.

712 VERTICAL OPENINGS

712.1 GENERAL. EACH VERTICAL OPENING SHALL COMPLY IN ACCORDANCE WITH ONE OF THE PROTECTION METHODS IN SECTIONS 712.1.1 THROUGH 712.1.16.

713 SHAFT ENCLOSURES

713.1 GENERAL. THE PROVISIONS OF THIS SECTION SHALL APPLY TO SHAFTS REQUIRED TO PROTECT OPENINGS AND ENCLOSURES FOR BUILDINGS WHERE REQUIRED BY THE INTERNATIONAL FIRE CODE. STAIRWAYS AND RAMPS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 1023.

713.2 CONSTRUCTION. SHAFT ENCLOSURES SHALL BE CONSTRUCTED AS FIRE BARRIERS IN ACCORDANCE WITH SECTION 707 OR HORIZONTAL ASSEMBLIES IN ACCORDANCE WITH SECTION 711, OR BOTH.

913.2.1 PROTECTION OF FIRE PUMP ROOMS. FIRE PUMPS SHALL BE LOCATED IN ROOMS THAT ARE SEPARATED FROM ALL OTHER AREAS OF THE BUILDING BY 2-HOUR FIRE BARRIERS CONSTRUCTED IN ACCORDANCE WITH SECTION 707 OR 2-HOUR HORIZONTAL ASSEMBLIES CONSTRUCTED IN ACCORDANCE WITH SECTION 711, OR BOTH.

EXCEPTIONS: 1. IN OTHER THAN HIGH-RISE BUILDINGS, SEPARATION BY 1-HOUR FIRE BARRIERS CONSTRUCTED IN ACCORDANCE WITH SECTION 707 OR 1-HOUR HORIZONTAL ASSEMBLIES CONSTRUCTED IN ACCORDANCE WITH SECTION 711, OR BOTH, SHALL BE PERMITTED IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2.

714.4 FIRE-RESISTANCE RATING. SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 2 HOURS WHERE CONNECTING FOUR STORIES OR MORE, AND NOT LESS THAN 1 HOUR WHERE CONNECTING LESS THAN FOUR STORIES. THE NUMBER OF STORIES CONNECTED BY THE SHAFT ENCLOSURE SHALL INCLUDE ANY BASEMENTS BUT NOT ANY MEZZANINES. SHAFT ENCLOSURES SHALL HAVE A FIRE RESISTANCE RATING NOT LESS THAN THE FLOOR ASSEMBLY PENETRATED, BUT NEED NOT EXCEED 2 HOURS. SHAFT ENCLOSURES SHALL MEET THE REQUIREMENTS OF SECTION 703.2.1.

713.6 EXTERIOR WALLS. WHERE EXTERIOR WALLS SERVE AS A PART OF A REQUIRED SHAFT ENCLOSURE, SUCH WALLS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 705 FOR EXTERIOR WALLS AND THE FIRE-RESISTANCE-RATED ENCLOSURE REQUIREMENTS SHALL NOT APPLY.

713.7 OPENINGS. OPENINGS IN A SHAFT ENCLOSURE SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 716 AS REQUIRED FOR FIRE BARRIERS. DOORS SHALL BE SELF-OR AUTOMATIC-CLOSING BY SMOKE DETECTION IN ACCORDANCE WITH SECTION 716.5.3

07. SMOKE AND FIRE PROTECTION FEATURES CONTINUED...

714 PENETRATIONS FIRE-RESISTANCE RATED WALLS.

714.1 THROUGH PENETRATIONS

714.1.1 FIRE-RESISTANCE RATED ASSEMBLIES. PENETRATIONS SHALL BE INSTALLED AS TESTED IN AN APPROVED FIRE-RESISTANCE RATED ASSEMBLY.

714.1.2 THROUGH-PENETRATION FIRESTOP SYSTEM. THROUGH PENETRATIONS SHALL BE PROTECTED BY AN APPROVED PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E 814 OR UL 1479.

716 FIRE-RESISTANT JOINT SYSTEMS

716.1 GENERAL. JOINTS INSTALLED IN OR BETWEEN FIRE-RESISTANCE RATED WALLS, FLOOR OR ROOF CEILING ASSEMBLIES AND ROOFS OR ROOF/CEILING ASSEMBLIES SHALL BE PROTECTED BY AN APPROVED FIRE-RESISTANCE JOINT SYSTEM DESIGNED TO RESIST THE PASSAGE OF FIRE FOR A TIME PERIOD NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL, FLOOR OR ROOF OR BETWEEN WHICH IT IS INSTALLED.

716 OPENING PROTECTIVES

716.2 (2) OPENING FIRE PROTECTION ASSEMBLIES, RATINGS AND MARKINGS

Table 716.2: Opening Fire Protection Assemblies, Ratings and Markings. A large table with multiple columns detailing assembly types, ratings, and test results.

08. INTERIOR FINISHES

803 WALL AND CEILING FINISHES

803.1.1 - INTERIOR WALL AND CEILING FINISH MATERIALS TESTED IN ACCORDANCE WITH NFPA 286. INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH NFPA 286 AND COMPLY WITH SECTION 705.

803.1.2 - 803.1.2 INTERIOR WALL AND CEILING FINISH MATERIALS TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723. INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84 OR UL 723. SUCH INTERIOR FINISH MATERIALS SHALL BE GROUPED IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE-DEVELOPED INDICES.

CLASS A = FLAME SPREAD INDEX 0-25; SMOKE-DEVELOPED INDEX 0-450.
CLASS B = FLAME SPREAD INDEX 26-75; SMOKE-DEVELOPED INDEX 460-900.
CLASS C = FLAME SPREAD INDEX 76-200; SMOKE-DEVELOPED INDEX 0-450.

Table 803.13: Interior Wall and Ceiling Finish Classifications. A table showing classification criteria for different groups of interior finishes.

803.13 - APPLICATION OF INTERIOR FINISH MATERIALS TO FIRE-RESISTANCE RATED STRUCTURAL ELEMENTS. WHERE INTERIOR FINISH MATERIALS ARE APPLIED ON WALLS, CEILING, OR STRUCTURAL ELEMENTS REQUIRED TO HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR OR TO BE OF NONCOMBUSTIBLE CONSTRUCTION, THEY SHALL COMPLY WITH THE PROVISIONS OF THIS SECTION.

803.13.1 DIRECT ATTACHMENT AND FURRED CONSTRUCTION. INTERIOR FINISHES ARE REQUIRED BY ANY PROVISIONS IN THIS CODE TO BE OF FIRE-RESISTANCE RATED OR NONCOMBUSTIBLE CONSTRUCTION THE INTERIOR FINISH MATERIAL SHALL BE APPLIED DIRECTLY AGAINST SUCH CONSTRUCTION OR TO FURRING STRIPS NOT EXCEEDING 1 3/4 INCHES APPLIED DIRECTLY AGAINST SUCH CONSTRUCTION. THE INTERVENING SPACES BETWEEN SUCH FURRING STRIPS SHALL COMPLY WITH ONE OF THE FOLLOWING:

1. BE FILLED WITH MATERIAL THAT IS INORGANIC AND NONCOMBUSTIBLE
2. FILLED WITH MATERIAL THAT MEETS THE REQUIREMENTS OF A CLASS A MATERIAL IN ACCORDANCE WITH SECTION 803.1.1 OR 803.1.2, OR
3. BE FIRELOCKED AT A MAXIMUM OF 8 FEET IN ANY DIRECTION IN ACCORDANCE WITH SECTION 718 THROUGH 804.2.

804 INTERIOR FLOOR FINISH

804.1 GENERAL. INTERIOR FLOOR FINISH AND FLOOR COVERING MATERIALS SHALL COMPLY WITH SECTIONS 804.2 THROUGH 804.2.2.

EXCEPTION: FLOOR FINISHES AND COVERINGS OF A TRADITIONAL TYPE, SUCH AS WOOD, VINYL, LINOLEUM OR TERRAZZO, AND RESILIENT FLOOR COVERING MATERIALS THAT ARE NOT COMPRISED OF FIBERS.

804.2 CLASSIFICATION OF INTERIOR FLOOR FINISH AND FLOOR COVERING MATERIALS. REQUIRED BY SECTION 804.2 TO BE OF CLASS I OR CLASS II MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH NFPA 253, CLASS 1, 0.45 WATTS/CM2 OR GREATER; CLASS II, 0.22 WATTS/CM2 OR GREATER.

808 ACOUSTICAL CEILING SYSTEMS

808.1 ACOUSTICAL CEILING SYSTEMS. THE QUALITY, DESIGN, FABRICATION OR ERECTION OF METAL SUSPENSION SYSTEMS FOR ACOUSTICAL CEILING SYSTEMS IN BUILDINGS OR STRUCTURES SHALL CONFORM WITH GENERALLY ACCEPTED ENGINEERING PRACTICE. THE PROVISIONS OF THIS CHAPTER AND OTHER APPLICABLE REQUIREMENTS OF THIS CODE.

808.1.1 MATERIALS AND INSTALLATION. ACOUSTICAL MATERIALS COMPLYING WITH THE INTERIOR FINISH REQUIREMENTS OF SECTION 803 SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE PROVISIONS FOR APPLYING INTERIOR FINISH.

808.1.1.1 SUSPENDED ACOUSTICAL CEILING SYSTEMS. SUSPENDED ACOUSTICAL CEILING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF ASTM C 635 AND ASTM C 636.

808.1.1.2 FIRE-RESISTANCE RATED CONSTRUCTION. ACOUSTICAL CEILING SYSTEMS THAT ARE PART OF FIRE-RESISTANCE RATED CONSTRUCTION SHALL BE INSTALLED IN THE SAME MANNER USED IN THE ASSEMBLY TESTED AND SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7.

09. FIRE PROTECTION SYSTEMS

903 AUTOMATIC SPRINKLER SYSTEM

903.2.3 GROUP E. AUTOMATIC SPRINKLER SYSTEM IS PROVIDED.
903.3.1.1 NFPA 13 SPRINKLER SYSTEMS. WHERE THE PROVISIONS OF THIS CODE REQUIRE THAT A BUILDING OR PORTION THEREOF BE PROTECTED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH THIS SECTION, SPRINKLERS SHALL BE INSTALLED THROUGHOUT IN ACCORDANCE WITH NFPA 13 EXCEPT AS PROVIDED IN SECTION 903.3.1.1.1.

906 PORTABLE FIRE EXTINGUISHERS

906.1 WHERE REQUIRED. PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS:
1. IN NEW AND EXISTING GROUP A, B, E, F, I, M, R-1, R-2, R-4 and S OCCUPANCIES.

2. WITHIN 30 FEET OF COMMERCIAL COOKING EQUIPMENT.
3. IN AREAS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED, USED OR DISPENSED.
4. ON EACH FLOOR OF STRUCTURES UNDER CONSTRUCTION.

5. WHERE REQUIRED BY THE INTERNATIONAL FIRE CODE SECTIONS INDICATED IN TABLE 906.1
6. SPECIAL HAZARD AREAS, INCLUDING BUT NOT LIMITED TO LABORATORIES, COMPUTER ROOMS AND GENERATOR ROOMS, WHERE REQUIRED BY THE FIRE CODE OFFICIAL.

906.2 GENERAL REQUIREMENTS. PORTABLE FIRE EXTINGUISHERS SHALL BE SELECTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THIS SECTION AND NFPA 10.

906.3 SIZE AND DISTRIBUTION.

Table 906.3(4): Fire Extinguishers for Class A Fire Hazards Light (Low Hazard Occupancy). A table showing minimum and maximum floor area for different types of extinguishers.

907 FIRE ALARM AND DETECTION SYSTEMS

907.2.3 GROUP E. A MANUAL FIRE ALARM SYSTEM THAT INITIATES THE OCCUPANT NOTIFICATION SIGNAL UTILIZING AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM MEETING THE REQUIREMENTS OF SECTION 907.5.2.2 AND INSTALLED IN ACCORDANCE WITH SECTION 907.6 SHALL BE INSTALLED IN GROUP E OCCUPANCIES. WHEN AUTOMATIC SPRINKLER SYSTEMS OR SMOKE DETECTORS ARE INSTALLED, SUCH SYSTEMS OR DETECTORS SHALL BE CONNECTED TO THE BUILDING FIRE ALARM SYSTEM.

EXCEPTION 4. MANUAL FIRE ALARM BOXES SHALL NOT BE REQUIRED IN GROUP E OCCUPANCIES WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1. THE NOTIFICATION APPLIANCES WILL ACTIVATE ON SPRINKLER WATERFLOW AND MANUAL ACTIVATION IS PROVIDED FROM A NORMALLY OCCUPIED LOCATION.

10. MEANS OF EGRESS

1002 MAINTENANCE AND PLANS

1002.1 MAINTENANCE. MEANS OF EGRESS SHALL BE MAINTAINED IN ACCORDANCE WITH THE INTERNATIONAL FIRE CODE.

1002.2 FIRE SAFETY AND EVACUATION PLANS. FIRE SAFETY AND EVACUATION PLANS SHALL BE PROVIDED FOR ALL OCCUPANCIES AND BUILDINGS WHERE REQUIRED BY THE INTERNATIONAL FIRE CODE. SUCH FIRE SAFETY AND EVACUATION PLANS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF SECTIONS 401.2 AND 404 OF THE INTERNATIONAL FIRE CODE.

1003 GENERAL MEANS OF EGRESS

1003.1 APPLICABILITY. THE GENERAL REQUIREMENTS SPECIFIED IN SECTIONS 1003 THROUGH 1013 SHALL APPLY TO ALL THREE ELEMENTS OF THE MEANS OF EGRESS SYSTEM, IN ADDITION TO THOSE SPECIFIC REQUIREMENTS FOR THE EXIT ACCESS, THE EXIT AND THE EXIT DISCHARGE.

1003.2 CEILING HEIGHT. THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7 FEET 6 INCHES.

EXCEPTIONS:
1. SLOPED CEILINGS IN ACCORDANCE WITH SECTION 1208.2.
2. (NOT APPLICABLE)
3. ALLOWABLE PROJECTIONS IN ACCORDANCE WITH SECTION 1003.3.

4. STAIR HEADROOM IN ACCORDANCE WITH SECTION 1009.2.
5. DOOR HEIGHT IN ACCORDANCE WITH SECTION 1008.1.1.
6. RAMP HEADROOM IN ACCORDANCE WITH SECTION 1010.5.2.

1003.3 PROTRUDING OBJECTS.

1003.3.1 HEADROOM. PROTRUDING OBJECTS ARE PERMITTED TO EXTEND BELOW THE MINIMUM CEILING HEIGHT REQUIRED BY SECTION 1003.2 PROVIDED A MINIMUM HEADROOM OF 80 INCHES SHALL BE PROVIDED.
1003.3.2 POST-MOUNTED OBJECTS. SHALL NOT OVERHANG MORE THAN 4 INCHES BETWEEN 27 INCHES AND 80 INCHES.

1003.3.3 HORIZONTAL PROJECTIONS. SHALL NOT PROJECT MORE THAN 4 INCHES BETWEEN 27 INCHES AND 80 INCHES.
1003.3.4 PROTRUDING OBJECTS. SHALL NOT REDUCE THE MINIMUM CLEAR WIDTH OF ACCESSIBLE ROUTES.

1003.4 SLIP-RESISTANT SURFACE. CIRCULATION PATHS OF THE MEANS OF EGRESS SHALL HAVE A SLIP-RESISTANT SURFACE AND BE SECURELY ATTACHED.

1003.5 ELEVATION CHANGE. WHERE CHANGES IN ELEVATION OF LESS THAN 12 INCHES EXIST IN THE MEANS OF EGRESS, SLOPE SURFACES SHALL BE USED, WHERE THE SLOPE IS GREATER THAN ONE UNIT VERTICAL IN 20 UNITS HORIZONTAL, RAMPS COMPLYING WITH SECTION 1012 SHALL BE USED.

1003.6 MEANS OF EGRESS CONTINUITY. THE PATH OF EGRESS TRAVEL ALONG A MEANS OF EGRESS SHALL NOT BE INTERRUPTED BY ANY BUILDING ELEMENT OTHER THAN A MEANS OF EGRESS COMPONENT AS SPECIFIED IN THIS CHAPTER. OBSTRUCTIONS SHALL NOT BE PLACED IN THE REQUIRED WIDTH OF A MEANS OF EGRESS EXCEPT PROJECTIONS PERMITTED BY THIS CHAPTER. THE REQUIRED CAPACITY OF A MEANS OF EGRESS SYSTEM SHALL NOT BE DIMINISHED ALONG THE PATH OF EGRESS TRAVEL.

1004 OCCUPANT LOAD

TABLE 1004.5 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

DEFINITIONS (REFER TO CHAPTER 2) - FLOOR AREA. GROSS: THE FLOOR AREA WITHIN THE INSIDE PERIMETER OF THE EXTERIOR WALLS OF THE BUILDING UNDER CONSIDERATION, EXCLUSIVE OF VENT SHAFTS AND COURTS, WITHOUT DEDUCTIONS FOR CORRIDORS, STAIRWAYS, CLOSETS, THE THICKNESS OF INTERIOR WALLS, COLUMNS OR OTHER FEATURES. THE FLOOR AREA OF A BUILDING, OR PORTION THEREOF, NOT PROVIDED WITH SURROUNDING EXTERIOR WALLS SHALL BE THE USABLE AREA UNDER THE HORIZONTAL PROJECTION OF THE ROOF OR FLOOR ABOVE. THE GROSS FLOOR AREA SHALL NOT INCLUDE SHAFTS WITH NO OPENINGS OR INTERIOR COURTS. REFER TO CODE PLANS.

1005 MEANS OF EGRESS SIZING

1005.1 GENERAL. ALL PORTIONS OF THE MEANS OF EGRESS SYSTEM SHALL BE SIZED IN ACCORDANCE WITH THIS SECTION. EXCEPTION: AISLES AND AISLE ACCESSWAYS IN ROOMS OR SPACES USED FOR ASSEMBLY PURPOSES COMPLYING WITH SECTION 1023.

1005.2 MINIMUM WIDTH BASED ON COMPONENT. THE MINIMUM WIDTH, IN INCHES (MM), OF ANY MEANS OF EGRESS COMPONENTS SHALL BE NOT LESS THAN THAT SPECIFIED FOR SUCH COMPONENT, ELSEWHERE IN THIS CODE.

1005.3 REQUIRED CAPACITY BASED ON OCCUPANT LOAD. THE REQUIRED CAPACITY, IN INCHES (MM), OF THE MEANS OF EGRESS FOR ANY ROOM, AREA, SPACE OR STORY SHALL BE NOT LESS THAN THAT DETERMINED IN ACCORDANCE WITH SECTIONS 1005.3.1 AND 1005.3.2.

1005.3.1 STAIRWAYS. THE CAPACITY, IN INCHES, OF MEANS OF EGRESS STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH STAIRWAYS BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.3 INCH (7.6 MM) PER OCCUPANT. WHERE STAIRWAYS SERVE MORE THAN ONE STORY, ONLY THE OCCUPANT LOAD OF EACH STORY CONSIDERED INDIVIDUALLY SHALL BE USED IN CALCULATING THE REQUIRED CAPACITY OF THE STAIRWAY SERVING THAT STORY.

1005.3.2 OTHER EGRESS COMPONENTS. THE CAPACITY, IN INCHES, OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH COMPONENT BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.2 INCH (5.1 MM) PER OCCUPANT.

1006 EXIT AND EXIT ACCESS DOORWAYS

1006.1 THE NUMBER OF EXITS OR EXIT ACCESS DOORWAYS REQUIRED WITHIN THE MEANS OF EGRESS SYSTEM SHALL COMPLY WITH THE PROVISIONS OF SECTION 1006.2 FOR SPACES, INCLUDING MEZZANINES, AND SECTION 1006.3 FOR STORIES.

1006.2 EGRESS BASED ON OCCUPANT LOAD AND COMMON PATH OF EGRESS TRAVEL DISTANCE. TWO EXITS OR EXIT ACCESS DOORWAYS FROM ANY SPACE SHALL BE PROVIDED WHERE THE DESIGN OCCUPANT LOAD OR THE COMMON PATH OF EGRESS TRAVEL DISTANCE EXCEEDS THE VALUES LISTED IN TABLE 1006.2.1.

1006.3 ADJACENT STORY. THE PATH OF EGRESS TRAVEL TO AN EXIT SHALL NOT PASS THROUGH MORE THAN ONE ADJACENT STORY.

EXCEPTION: THE PATH OF EGRESS TRAVEL TO AN EXIT SHALL BE PERMITTED TO PASS THROUGH MORE THAN ONE ADJACENT STORY IF:
1. THE PATH OF EGRESS TRAVEL IS NOT MORE THAN 10 FEET FROM THE EXITS.
2. THE PATH OF EGRESS TRAVEL IS NOT MORE THAN 10 FEET FROM THE EXITS.
3. EXIT ACCESS STAIRWAYS AND RAMPS BETWEEN THE BALCONY, GALLERY OR PRESS BOX AND THE MAIN ASSEMBLY FLOOR IN OCCUPANCIES SUCH AS THEATERS, PLACES OF RELIGIOUS WORSHIP, AUDITORIUMS AND SPORTS FACILITIES.

1006.4 EGRESS BASED ON OCCUPANT LOAD. EACH STORY AND OCCUPIED ROOF SHALL HAVE THE MINIMUM NUMBER OF EXITS, OR ACCESS TO EXITS, AS SPECIFIED IN TABLE 1006.3.1. A SINGLE EXIT OR ACCESS TO A SINGLE EXIT SHALL BE PERMITTED IN ACCORDANCE WITH SECTION 1006.3.3. THE REQUIRED NUMBER OF EXITS, OR EXIT ACCESS STAIRWAYS OR RAMPS PROVIDING ACCESS TO EXITS, FOR ANY STORY OR OCCUPIED ROOF SHALL BE MAINTAINED UNTIL ARRIVAL AT THE EXIT DISCHARGE OR A PUBLIC WAY.

Table 1006.3.1: Minimum Number of Exits for Occupant Load. A table showing the required number of exits based on occupant load and whether the space is protected by a fire alarm system.

1006.3.1 ADJACENT STORY. THE PATH OF EGRESS TRAVEL TO AN EXIT SHALL NOT PASS THROUGH MORE THAN ONE ADJACENT STORY.

EXCEPTION: THE PATH OF EGRESS TRAVEL TO AN EXIT SHALL BE PERMITTED TO PASS THROUGH MORE THAN ONE ADJACENT STORY IF:
1. THE PATH OF EGRESS TRAVEL IS NOT MORE THAN 10 FEET FROM THE EXITS.
2. THE PATH OF EGRESS TRAVEL IS NOT MORE THAN 10 FEET FROM THE EXITS.
3. EXIT ACCESS STAIRWAYS AND RAMPS BETWEEN THE BALCONY, GALLERY OR PRESS BOX AND THE MAIN ASSEMBLY FLOOR IN OCCUPANCIES SUCH AS THEATERS, PLACES OF RELIGIOUS WORSHIP, AUDITORIUMS AND SPORTS FACILITIES.

1006.4 EGRESS BASED ON OCCUPANT LOAD. EACH STORY AND OCCUPIED ROOF SHALL HAVE THE MINIMUM NUMBER OF EXITS, OR ACCESS TO EXITS, AS SPECIFIED IN TABLE 1006.3.1. A

PLUMBING CODE ANALYSIS:

INTERNATIONAL PLUMBING CODE - 2018

403.1.1 FIXTURE CALCULATIONS

TO DETERMINE THE OCCUPANT LOAD OF EACH SEX, THE TOTAL OCCUPANT LOAD SHALL BE DIVIDED IN HALF. TO DETERMINE THE REQUIRED NUMBER OF FIXTURES, THE FIXTURE RATIO OR RATIOS FOR FIXTURE TYPE SHALL BE APPLIED TO THE OCCUPANT LOAD OF EACH SEX IN ACCORDANCE WITH TABLE 403.1.

403.1.2 SINGLE-USER TOILET FACILITY AND BATHING ROOM FIXTURES. THE PLUMBING FIXTURES LOCATED IN SINGLE-USER TOILET FACILITIES AND BATHING ROOMS, INCLUDING FAMILY OR ASSISTED USE TOILET AND BATHING ROOMS THAT ARE REQUIRED BY SECTION 1109.2.1 OF THE INTERNATIONAL BUILDING CODE, SHALL CONTRIBUTE TOWARD THE TOTAL NUMBER OF REQUIRED PLUMBING FIXTURES FOR A BUILDING OR TENANT SPACE. SINGLE-USER TOILET FACILITIES AND BATHING ROOMS, AND FAMILY OR ASSISTED-USE TOILET ROOMS AND BATHING ROOMS SHALL BE IDENTIFIED FOR USE BY EITHER SEX.

BUILDING A'							
GROUP A-1 (STAFF LOUNGE) - 25 OCC / 2 = 13 MALE, 13 FEMALE							
	Male WC	Female WC	Male Lav	Female Lav	DF	Service Sink	
1 PER 25	1 PER 25	1 PER 40	1 PER 40	1 PER 100	1	1	
REQUIRED	0.52	0.52	0.33	0.33	0.25	0	
GROUP A-2 (KITCHEN, MULTIPURPOSE, STAGE) - 264 OCC / 2 = 132 MALE, 132 FEMALE							
1 PER 75	1 PER 75	1 PER 200	1 PER 200	1 PER 500	1	1	
REQUIRED	1.76	1.76	0.66	0.66	0.53	1	
GROUP A-3 (FITNESS/WEIGHT ROOM) - 31 OCC / 2 = 16 MALE, 16 FEMALE							
1 PER 125	1 PER 65	1 PER 200	1 PER 200	1 PER 500	1	1	
REQUIRED	0.14	0.25	0.08	0.08	0.06	0	
GROUP B (BUSINESS) - 70 OCC / 2 = 35 MALE, 35 FEMALE							
1 PER 25	1 PER 25	1 PER 40	1 PER 40	1 PER 100	1	1	
REQUIRED	1.4	1.4	0.88	0.88	0.70	0	
GROUP E (EDUCATION) - 560 OCC / 2 = 280 MALE, 280 FEMALE							
1 PER 50	1 PER 50	1 PER 50	1 PER 50	1 PER 100	1	1	
REQUIRED	5.60	5.60	5.60	5.60	5.60	1	
GROUP S (STORAGE) - 13 OCC / 2 = 7 MALE, 7 FEMALE							
1 PER 100	1 PER 100	1 PER 100	1 PER 100	1 PER 1000	1	1	
REQUIRED	0.07	0.07	0.07	0.07	0	0	
TOTAL REQUIRED	9.49	9.60	7.62	7.62	7.14	2	
TOTAL PROVIDED	19 SINGLE-USER TOILET ROOMS, 4 SHARED TOILET ROOMS					8	

BUILDING B'							
GROUP A-1 (WAITING AND CONF. ROOMS) - 68 OCC / 2 = 30 MALE, 30 FEMALE							
1 PER 25	1 PER 25	1 PER 40	1 PER 40	1 PER 100	1	1	
REQUIRED	1.2	1.2	0.75	0.75	0.06	1	
GROUP A-2 (NUTRITION KITCHEN) - 4 OCC / 2 = 2 MALE, 2 FEMALE							
1 PER 75	1 PER 75	1 PER 200	1 PER 200	1 PER 500	1	1	
REQUIRED	0.02	0.02	0.01	0.01	0	0	
GROUP B (BUSINESS) - 26 OCC / 2 = 13 MALE, 13 FEMALE							
1 PER 25	1 PER 25	1 PER 40	1 PER 40	1 PER 100	1	1	
REQUIRED	0.52	0.52	0.33	0.33	0.26	0	
GROUP E (EDUCATION) - 327 OCC / 2 = 164 MALE, 164 FEMALE							
1 PER 50	1 PER 50	1 PER 50	1 PER 50	1 PER 100	1	1	
REQUIRED	3.28	3.28	3.28	3.28	3.27	1	
GROUP S (STORAGE) - 1 OCC / 2 = 1 MALE, 1 FEMALE							
1 PER 100	1 PER 100	1 PER 100	1 PER 100	1 PER 1000	1	1	
REQUIRED	0.01	0.01	0.01	0.01	0	0	
TOTAL REQUIRED	5.03	5.03	4.38	4.38	3.59	2	
TOTAL PROVIDED	18 SINGLE-USER TOILET ROOMS					4	2

BUILDING C'							
GROUP E (EDUCATION) - 152 OCC / 2 = 76 MALE, 76 FEMALE							
1 PER 50	1 PER 50	1 PER 50	1 PER 50	1 PER 100	1	1	
REQUIRED	1.52	1.52	1.52	1.52	1.52	0	
GROUP S (STORAGE) - 1 OCC / 2 = 1 MALE, 1 FEMALE							
1 PER 100	1 PER 100	1 PER 100	1 PER 100	1 PER 1000	1	1	
REQUIRED	0.01	0.01	0.01	0.01	0	0	
TOTAL REQUIRED	1.53	1.53	1.53	1.53	1.52	1	
TOTAL PROVIDED	3 SINGLE-USER TOILET ROOMS					2	

BUILDING D'							
GROUP E (EDUCATIONAL) - 380 OCC / 2 = 190 MALE, 190 FEMALE							
1 PER 50	1 PER 50	1 PER 50	1 PER 50	1 PER 100	1	1	
REQUIRED	3.80	3.80	3.80	3.80	3.80	1	
GROUP S (STORAGE/MECH) - 19 OCC / 2 = 10 MALE, 10 FEMALE							
1 PER 100	1 PER 100	1 PER 100	1 PER 100	1 PER 1,000	1	1	
REQUIRED	0.10	0.10	0.10	0.10	0	0	
TOTAL REQUIRED	3.90	3.90	3.90	3.90	3.80	1	
TOTAL PROVIDED	10 SINGLE-USER TOILET ROOMS					5	

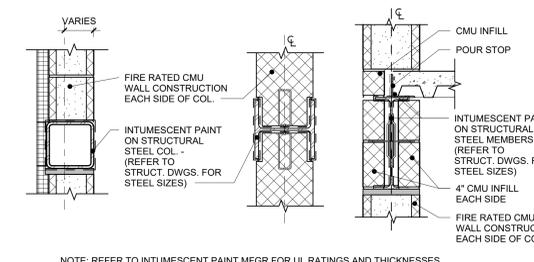
5% OF LOCKERS TO BE ADA ACCESSIBLE AND MEET ALL REQUIREMENTS PER 2009 ICC - A117.1. PROVIDE ADA ACCESSIBLE LOCKERS IDENTIFIED LOCATIONS ON INTERIOR FLOOR PLANS.

BUILDING A					
EDUCATIONAL SHOP	50 SF NET / OCC	6,810 SF	136	116	
EDUCATIONAL CLASSROOM	20 SF NET / OCC	16,473 SF	824	444	
BUSINESS	150 SF GROSS / OCC	7,522 SF	132	70	
ASSEMBLY (FITNESS/WEIGHT RM)	50 SF GROSS / OCC	1,534 SF	31	31	
ASSEMBLY (MULTIPURPOSE/ STAGE / CONF)	5 SF NET / OCC	6,721 SF	1,264	285	
KITCHEN	200 SF GROSS / OCC	3,773 SF	19	4	
STORAGE	300 SF GROSS / OCC	3,508 SF	11	11	
TOTAL BUILDING A		46,341 SF	2,417	961	

BUILDING B					
EDUCATIONAL CLASSROOM	20 SF NET / OCC	13,191 SF	662	327	
BUSINESS	150 SF GROSS / OCC	3,022 SF	24	26	
KITCHEN (NUTRITION KITCHEN)	200 SF GROSS / OCC	800 SF	4	4	
ASSEMBLY (CONF / WAITING)	15 SF NET / OCC	1,342 SF	99	68	
MAINTENANCE/STORAGE	300 SF GROSS / OCC	319 SF	1	1	
TOTAL BUILDING B		18,643 SF	781	426	

BUILDING C					
EDUCATIONAL CLASSROOM	20 SF NET / OCC	9,819 SF	71	50	
EDUCATION SHOP	50 SF NET / OCC	781 SF	196	100	
STORAGE	300 SF GROSS / OCC	225 SF	1	1	
TOTAL BUILDING C		10,825 SF	1,106	551	

BUILDING D					
EDUCATIONAL CLASSROOM	20 SF NET / OCC	2,450 SF	155	130	
EDUCATIONAL SHOP	50 SF NET / OCC	25,498 SF	666	276	
STORAGE	300 SF GROSS / OCC	3,024 SF	19	17	
TOTAL BUILDING D		30,972 SF	840	423	



3 TYP. INTUMESCENT PAINT DETAILS
A0.2 1" = 1'-0"

IEBC

INTERNATIONAL EXISTING BUILDING CODE - 2018

CHAPTER 6

604.1 SCOPE. LEVEL 3 ALTERATIONS APPLY WHERE THE WORK AREA EXCEEDS 50 PERCENT OF THE BUILDING AREA.

604.2 APPLICATION. LEVEL 3 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTERS 7 AND 8 FOR LEVEL 1 AND 2 ALTERATIONS RESPECTIVELY, AS WELL AS THE PROVISIONS OF CHAPTER 9.

CHAPTER 9

901.1 SCOPE. LEVEL 3 ALTERATIONS AS DESCRIBED IN SECTION 604 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER.

901.2 COMPLIANCE. IN ADDITION TO THE PROVISIONS OF THIS CHAPTER, WORK SHALL COMPLY WITH ALL OF THE REQUIREMENTS OF CHAPTERS 7 AND 8. THE REQUIREMENTS OF SECTIONS 802, 803, AND 804 SHALL APPLY WITHIN ALL WORK AREAS WHETHER OR NOT THEY INCLUDE EXITS AND CORRIDORS SHARED BY MORE THAN ONE TENANT AND REGARDLESS OF OCCUPANT CODE.

904 FIRE PROTECTION

904.1 AUTOMATIC SPRINKLER SYSTEM. AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED IN A WORK AREA WHERE REQUIRED BY SECTION 802.2 OR THIS SECTION.

904.1.4 OTHER REQUIRED AUTOMATIC SPRINKLER SYSTEMS. IN BUILDINGS AND AREAS LISTED IN TABLE 903.2.11.6 OF THE INTERNATIONAL BUILDING CODE, WORK AREAS THAT HAVE EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT OR THAT HAVE EXITS OR CORRIDORS SERVING AN OCCUPANT LOAD GREATER THAN 30 SHALL BE PROVIDED WITH AN AUTOMATIC SPRINKLER SYSTEM UNDER THE FOLLOWING CONDITIONS:

- THE WORK AREA IS REQUIRED TO BE PROVIDED WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE APPLICABLE TO NEW CONSTRUCTION, THE BUILDING SITE HAS SUFFICIENT MUNICIPAL WATER SUPPLY FOR DESIGN AND INSTALLATION OF AN AUTOMATIC SPRINKLER SYSTEM.

905 MEANS OF EGRESS

905.1 GENERAL. THE MEANS OF EGRESS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 805 EXCEPT AS SPECIFICALLY REQUIRED IN SECTIONS 905.2 AND 905.3.

905.2 MEANS-OF-EGRESS LIGHTING. MEANS OF EGRESS FROM THE HIGHEST WORK AREA FLOOR TO THE FLOOR OF EXIT DISCHARGE SHALL BE PROVIDED WITH ARTIFICIAL LIGHTING WITHIN THE EXIT ENCLOSURE IN ACCORDANCE WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

905.3 EXIT SIGNS. MEANS OF EGRESS FROM THE HIGHEST WORK AREA FLOOR TO THE FLOOR OF EXIT DISCHARGE SHALL BE PROVIDED WITH EXIT SIGNS IN ACCORDANCE WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

906 STRUCTURAL

906.1 GENERAL. WHERE BUILDINGS ARE UNDERGOING LEVEL 3 ALTERATIONS, THE PROVISIONS OF THIS SECTION SHALL APPLY.

906.2 EXISTING STRUCTURAL ELEMENTS RESISTING LATERAL LOADS. WHERE WORK INVOLVES A SUBSTANTIAL STRUCTURAL ALTERATION, THE LATERAL LOAD-RESISTING SYSTEM OF THE ALTERED BUILDING SHALL BE SHOWN TO SATISFY THE REQUIREMENTS OF SECTIONS 1609 AND 1613 OF THE INTERNATIONAL BUILDING CODE. REDUCED SEISMIC FORCES SHALL BE PERMITTED.

CHAPTER 11 ADDITIONS

1101 GENERAL

1101.1 SCOPE. AN ADDITION TO A BUILDING OR STRUCTURE SHALL COMPLY WITH THE INTERNATIONAL CODES AS ADOPTED FOR NEW CONSTRUCTION WITHOUT REQUIRING THE EXISTING BUILDING OR STRUCTURE TO COMPLY WITH ANY REQUIREMENTS OF THOSE CODES OR OF THESE PROVISIONS, EXCEPT AS REQUIRED BY THIS CHAPTER. WHERE AN ADDITION IMPACTS THE EXISTING BUILDING OR STRUCTURE, THAT PORTION SHALL COMPLY WITH THIS CODE.

1102 HEIGHTS AND AREAS

1102.1 HEIGHT LIMITATIONS. AN ADDITION SHALL NOT INCREASE THE HEIGHT OF AN EXISTING BUILDING BEYOND THAT PERMITTED UNDER THE APPLICABLE PROVISIONS OF CHAPTER 5 OF THE INTERNATIONAL BUILDING CODE FOR NEW BUILDINGS.

1102.2 AREA LIMITATIONS. AN ADDITION SHALL NOT INCREASE THE AREA OF AN EXISTING BUILDING BEYOND THAT PERMITTED UNDER THE APPLICABLE PROVISIONS OF CHAPTER 6 OF THE INTERNATIONAL BUILDING CODE FOR NEW BUILDINGS UNLESS FIRE SEPARATION AS REQUIRED BY THE INTERNATIONAL BUILDING CODE IS PROVIDED.

PROJECT FIRE RATING AND EMERGENCY LIGHTING NOTES:

- REPAIR ANY DAMAGE TO EXISTING OR NEW ONE AND TWO HOUR FIRE-RATED ENCLOSURES, CEILINGS AND WALLS.
- SEAL AND FIRESTOP ALL PENETRATIONS AND OPENINGS IN ANY FIRE-RATED CONSTRUCTION USING PROPER FIRESTOPPING PRODUCTS INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- EMERGENCY LIGHTING SYSTEMS PROVIDE A MINIMUM OF ONE FOOT CANDLE OF ILLUMINATION FOR A MINIMUM DURATION OF ONE HOUR AS REQUIRED BY THE NATIONAL ELECTRICAL CODE AND IBC 2015.
- MAKE CHANGES OR ADDITIONS TO THE EMERGENCY LIGHTING AND EXIT SIGN SYSTEMS AS REQUIRED BY THE CODE OFFICIAL DURING JOB SITE INSPECTIONS THE CODE OFFICIAL MAY REQUIRE CHANGES OR ADDITIONS TO THE SYSTEM.
- ALL EGRESS TO BE FREE AND CLEAR AT ALL TIMES.

FIRE DETECTION AND PROTECTION SYSTEM NOTES:

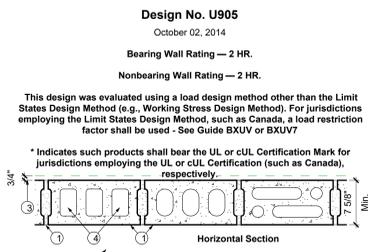
ALL FIRE DETECTION AND PROTECTION SYSTEM CONTRACTORS ARE REQUIRED TO HAVE A CERTIFICATE OF FITNESS ISSUED BY THE BUREAU OF FIRE BEFORE WORKING ON ANY FIRE DETECTION OR PROTECTION SYSTEM. APPROVED PLANS ARE REQUIRED TO BE ON SITE AT ALL TIMES.

RATED WALL CONSTRUCTION NOTIFICATION NOTES:

- IBC 2015 - HEADING 703.7 - MARKING AND IDENTIFICATION - FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS AND SMOKE BARRIERS ARE TO BE PERMANENTLY IDENTIFIED WITH STENCILING.
- IDENTIFY WALLS ABOVE ACOUSTIC TILE CEILING OR AT ACCESS PANELS IN HARD CEILINGS WITH STENCILING.
 - LETTERING IS NOT TO BE LESS THAN 3" IN HEIGHT AND MUST BE REPEATED AT INTERVALS NOT EXCEEDING 30'-0" MEASURED HORIZONTALLY.
 - IDENTIFY WALL TYPE AND TIME RATING - REFER TO CODE DRAWINGS FOR FIRE RATED WALL LOCATION AND REQUIRED RATINGS.

FIRE EXTINGUISHER NOTES:

- TOP OF EXTINGUISHER MOUNTING HEIGHT TO BE A MAXIMUM OF 5'-0" A.F.F. (VERIFY MOUNTING HEIGHT WITH AUTHORITIES HAVING JURISDICTION).
- F.E. CABINET PROJECTION - 4" MAX.



1. Concrete Blocks* - Various designs. Classification D-2 (2 hr).
See Concrete Blocks category for list of eligible manufacturers.

2. Mortar - Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

3. Portland Cement Stucco or Gypsum Plaster - Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).

4. Loose Masonry Fill - If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kinn Process), water repellent vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to classification.

5. Foamed Plastic* - (Optional-Not Shown) - 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).

ATLAS ROOFING CORP - "EnergyShield Pro Wall Insulation" and "EnergyShield Pro 2 Wall Insulation."

HUNTER PANELS - Type Xci-Class A, Xci 286

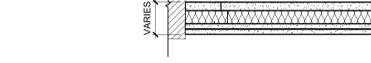
THE DOW CHEMICAL CO - Type ThermoX Sheathing, ThermoX Light Duty Insulation, ThermoX Heavy Duty Insulation, ThermoX Metal Building Board, ThermoX White Finish Insulation, ThermoX Exterior Insulation, ThermoX IH Insulation, ThermoX Plus Liner Panel and ThermoX Heavy Duty Plus (HDP)

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

UL DESIGN NO. U415A & U415B

FIRE RATING: U415A - 1 HOUR
U415B - 2 HOUR

SYSTEM THICKNESS: U415A - 3 1/8"
U415B - 5 1/4"



ASSEMBLY OPTIONS:

GYPSUM BOARD: ONE LAYER 1" THICK GYPSUM LINER PANEL (UL TYPE SLX™)

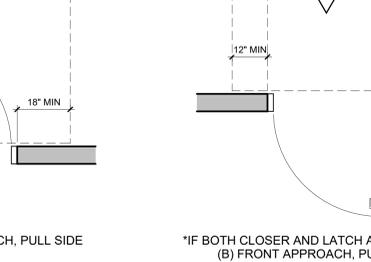
STEEL STUDS: U415A - 2 1/2" CH STUDS, 20 GA. MSG., SPACED 24" O.C. MAX.
U415B - 4" CH STUDS, 20 GA. MSG., SPACED 24" O.C. MAX.

INSULATION: U415A - 1 1/2" GLASS FIBER BATT INSULATION IN CAVITY
U415B - 3" GLASS FIBER BATT INSULATION IN CAVITY

GYPSUM BOARD: U415A - (1) LAYER 5/8" THICK GYPSUM BOARD (UL TYPE SCX™)
U415B - (2) LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE SCX™)

NOTES: STUD AND INSULATION SPACES ARE MINIMUM UNLESS OTHERWISE STATED IN DESIGN. FOR THE MOST UP-TO-DATE INFORMATION OR ASSEMBLY OPTIONS, REFER TO THE UL FIRE RESISTANCE DIRECTORY.

REFER TO THE UL FIRE RESISTANCE DIRECTORY FOR INFORMATION REGARDING PRODUCT ORIENTATION AND FASTENING REQUIREMENTS



ADA SWING DOOR APPROACH



F.E. CAB INSTALLATION DETAIL

ISSUE DATES	DESCRIPTION:
DATE: 03/17/2025 <td>BID SET</td>	BID SET

PROJ #: 21-DCIU-03 DRAWN BY: KLG

SHEET TITLE: CODE ANALYSIS AND NOTES

SHEET NUMBER: A0.2

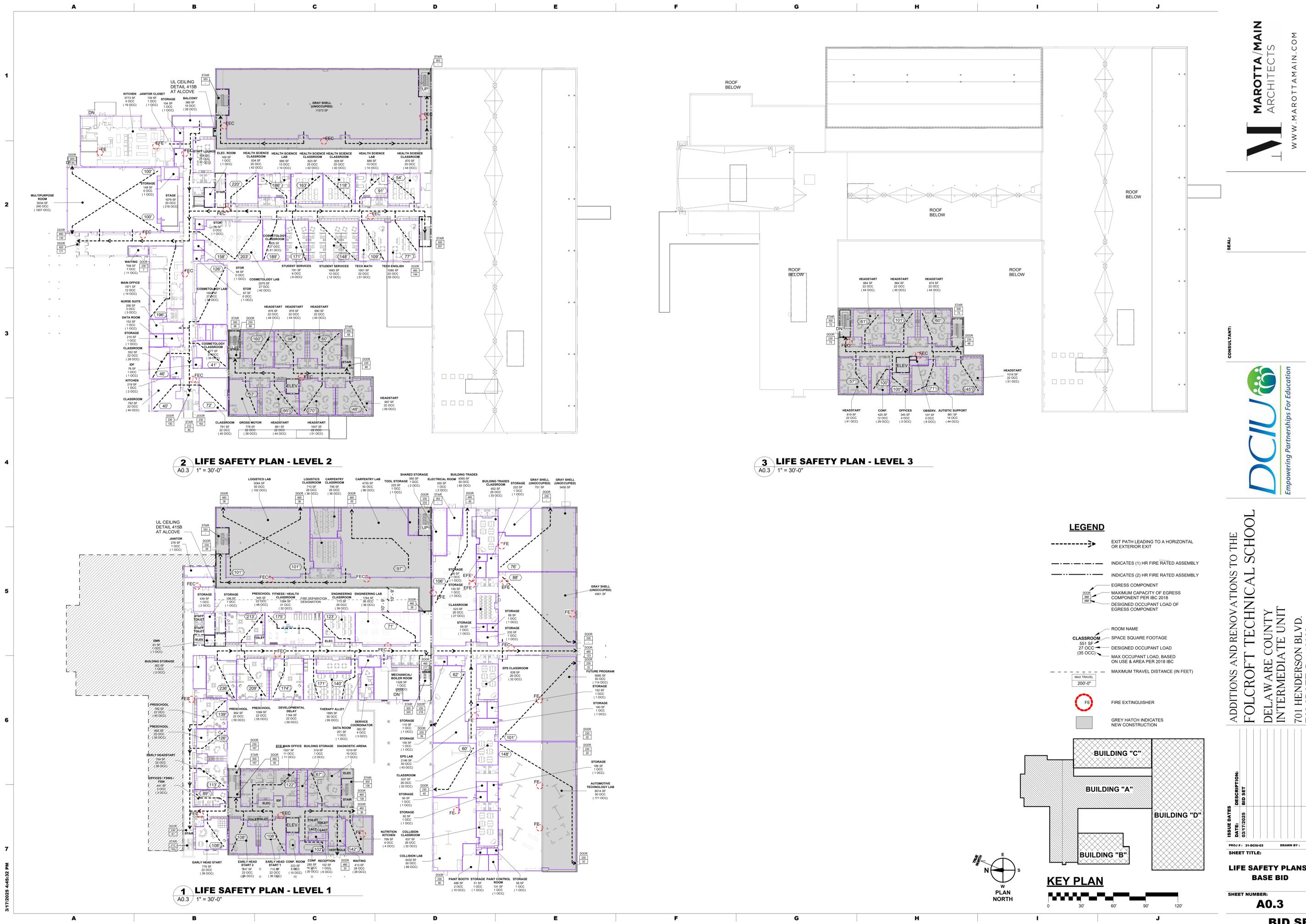
SEAL:

CONSULTANT:

ADDITIONS AND RENOVATIONS TO THE
FOLCROFT TECHNICAL SCHOOL
DELAWARE COUNTY
INTERMEDIATE UNIT
701 HENDERSON BLVD.
FOLCROFT, PA 19032

ISSUE DATES	DESCRIPTION
DATE:	BID SET
03/17/2025	
PROJ #:	21-DCIU-03
DRAWN BY:	KLG
SHEET TITLE:	LIFE SAFETY PLANS - BASE BID
SHEET NUMBER:	A0.3

BID SET



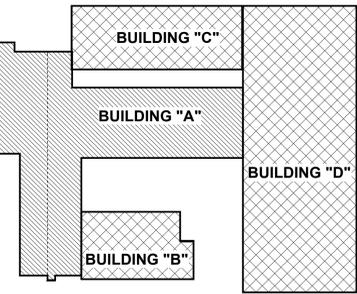
2 LIFE SAFETY PLAN - LEVEL 2
A0.3 1" = 30'-0"

3 LIFE SAFETY PLAN - LEVEL 3
A0.3 1" = 30'-0"

1 LIFE SAFETY PLAN - LEVEL 1
A0.3 1" = 30'-0"

LEGEND

- EXIT PATH LEADING TO A HORIZONTAL OR EXTERIOR EXIT
- INDICATES (1) HR FIRE RATED ASSEMBLY
- INDICATES (2) HR FIRE RATED ASSEMBLY
- EGRESS COMPONENT
- MAXIMUM CAPACITY OF EGRESS COMPONENT PER IBC 2018
- DESIGNED OCCUPANT LOAD OF EGRESS COMPONENT
- ROOM NAME
- SPACE SQUARE FOOTAGE
- DESIGNED OCCUPANT LOAD
- MAX OCCUPANT LOAD, BASED ON USE & AREA PER 2018 IBC
- MAXIMUM TRAVEL DISTANCE (IN FEET)
- 200'-0"
- FIRE EXTINGUISHER
- GREY HATCH INDICATES NEW CONSTRUCTION



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PARTITION TYPE SCHEDULE & NOTES

INTERIOR PARTITIONS

STUD PARTITIONS

	P2	2 1/2" MTL. STUDS W/ 5/8" GWB ONE SIDE. FILL W/ ACOUS. BATT INSUL.
	P3	3 5/8" MTL. STUDS W/ ONE LAYER OF 5/8" GWB ON ONE SIDE. FILL W/ ACOUS. BATT INSUL. NOTE: (2) BACK-TO-BACK P3 WALLS: STC-50
	P4	3 5/8" MTL. STUDS W/ 5/8" GWB E.S., FILL W/ ACOUS. BATT INSUL.
	P5	3 5/8" MTL. STUDS W/ 1/2" RESILIENT CHANNEL. (1) LAYER 5/8" GWB E.S., FILL W/ ACOUS. BATT INSUL. STC-50
	P6	6" MTL. STUDS W/ 1/2" RESILIENT CHANNEL. (1) LAYER 5/8" GWB E.S., FILL W/ ACOUS. BATT INSUL. STC-50

WALL INFILLS

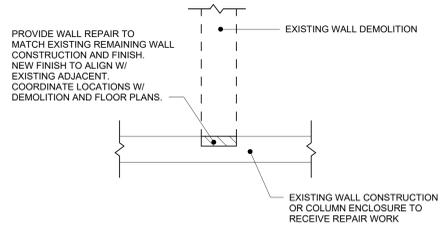
	MX	C.M.U. INFILL TO MATCH EXISTING WALL THICKNESS. MATCH EXISTING FIRE-RATING, WHERE APPLICABLE.
	PX	2 X MTL. STUDS WITH 5/8" GWB E.S. INFILL TO MATCH EXISTING WALL THICKNESS; FILL WITH ACOUS. BATT INSUL.

CMU WALLS

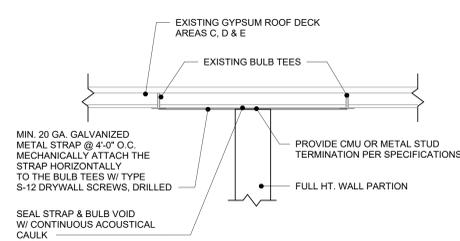
	M4	4" C.M.U.
	M6	6" C.M.U.
	M8	8" C.M.U.
	M8.1	8" C.M.U. - (1) HR. FIRE-RATED (U.L. #905) SEE REFERENCE PLANS ON SHEETS A0.3 & A0.4 FOR RATED SEPARATION LOCATIONS
	M8.2	8" C.M.U. - (2) HR. FIRE-RATED (U.L. #905) SEE REFERENCE PLANS ON SHEETS A0.3 & A0.4 FOR RATED SEPARATION LOCATIONS
	M12	12" C.M.U.
	M20	20" C.M.U.

CMU / STUD WALLS

	MP6	6" C.M.U. 2 3/4" AIR SPACE 3 5/8" MTL. STUDS W/ (1) LAYER GWB ONE SIDE. FILL W/ ACOUS. BATT INSULATION
	MP7	6" C.M.U. W/ (1) LAYER ADHERED 5/8" GWB ONE SIDE
	MP8	8" C.M.U. W/ (1) LAYER ADHERED 5/8" GWB ONE SIDE



1 TYPICAL WALL REPAIR DETAIL
A0.4 3/4" = 1'-0"



2 TYP. EXISTING GYPSUM ROOF DECK TERMINATION DETAIL
A0.4 1" = 1'-0"

GENERAL PARTITION NOTES

- DIMENSIONS TAKEN TO FACE OF STUD OR FACE OF CMU, U.N.O.
- ALL NEW PARTITIONS SHALL BE PER PARTITION TYPE P4, U.N.O.
- PARTITIONS REQUIRING AN HOURLY RATING ARE INDICATED ON THE CODE ANALYSIS PLANS A0.2. DESCRIBED IN THE PARTITION TYPES, THIS SHEET, AND ARE DEFINED BY A TESTING AGENCY DESIGN NUMBER. THE CONTRACTOR SHALL CONSTRUCT THESE PARTITIONS IN STRICT COMPLIANCE WITH THE TESTING AGENCY DESCRIPTION REFERRED TO BY THE DESIGN NUMBER. PARTITION TYPE DRAWINGS SHOULD BE USED FOR REFERENCE AND INFORMATION PURPOSES ONLY. SHOULD CONFLICTS OCCUR BETWEEN THE PARTITION TYPE AND THE TESTING AGENCY DESCRIPTION, THE STRINGENT REQUIREMENT SHALL APPLY.
- REFER TO PRODUCT LIST FOR WALL FINISHES.
- ALL INTERIOR PARTITIONS ARE TO EXTEND TIGHT TO THE FLOOR OR ROOF DECK ABOVE, U.N.O. SECOND FLOOR PARTITIONS UNDER GABLE ROOFS SHALL EXTEND TO 12' AFF AND DO NOT EXTEND TIGHT TO SLOPED DECK. PARTITIONS MUST BE SEALED TO ADJACENT CONSTRUCTION.
- ALL DIMENSIONS MARKED "CLEAR" SHALL BE MAINTAINED.
- NO PARTITIONS SHALL VARY MORE THAN 1/8" IN SURFACE PLANE IN 10 FEET IN ANY DIRECTION.
- GALVANIZED STEEL MAY BE USED IN LIEU OF FIRE RETARDANT WOOD BLOCKING FOR WALL HUNG SHELVING, MILLWORK, AND HARDWARE. BACKING SHALL SPAN AT LEAST 3 STUDS.
- PARTITION ASSEMBLIES AND BRACING SHALL BE INSTALLED AROUND ANY ABOVE-CEILING OBSTRUCTION ENCOUNTERED SUCH AS DUCTS OR SPRINKLER LINES SO AS TO MAINTAIN THE INTEGRITY OF THE ASSEMBLY.
- ALL INTERIOR WALLS IN OCCUPIED AREAS AND PUBLIC AREAS TO A MINIMUM OF 8'-0" ABOVE FINISHED FLOOR MUST BE HIGH ABUSE-RESISTANT TYPE GYPSUM BOARD.
- ALL EXPOSED CMU WALLS SHALL HAVE A BULLNOSE EDGE. RADIUS CEILING EDGE TRACK SHALL BE PROVIDED ACCORDINGLY.
- SEAL FULL PERIMETER OF GWB/STUD WALLS WITH ACOUSTIC SEALANT.
- PROVIDE CONTROL JOINTS PER THE SPECIFICATION AT INTERIOR CMU WALLS FOR WALL LENGTHS GREATER THAN 20'. PROVIDE CONTROL JOINTS BETWEEN WALLS ON FLOOR SLABS AND WALLS ON FOOTINGS. REFER TO TYPICAL CONTROL JOINT DETAILS FOR ADDITIONAL CONTROL JOINT INFORMATION.

CONVENTIONS

- DETAILS ARE KEYED ONCE (ON THE PLANS OR ELEVATIONS WHEN THEY FIRST OCCUR) AND ARE TYPICAL FOR SIMILAR CONDITIONS THROUGHOUT U.N.O.
- TYPICAL OR "TYP" MEANS FOR ALL SIMILAR CONSTRUCTION, U.N.O.
- DO NOT SCALE DRAWINGS, DIMENSIONS GOVERN ALWAYS.
- LARGE SCALE DETAILS GOVERN OVER SMALL SCALE DETAILS.
- ALL VERTICAL DIMENSIONS SHOWN TO OR FROM FINISHED FLOOR LEVEL, U.N.O.
- "ALIGN" MEANS THAT SIMILAR COMPONENTS OF CONSTRUCTION, AS INDICATED BY THE DRAWINGS, MUST BE STRAIGHT AND IN LINE, AND ANY JOINTS / SEAMS MUST BE CONCEALED AND INVISIBLE TO THE EYE OR TOUCH.
- "PROVIDE" MEANS PROVIDE AND INSTALL, U.N.O.

GENERAL NOTES

- WORK SHALL INCLUDE ALL LABOR, ASSEMBLIES, AND FINISH WORK INCLUDING ALL PARTS AND MATERIALS NECESSARY TO MAKE A COMPLETE, IN-PLACE, PROPERLY WORKING FINISHED INSTALLATION.
- CONTRACTOR SHALL FIELD MEASURE ALL DISTANCES AND CLEARANCES PRIOR TO COMMENCEMENT OF NEW WORK OR ORDERING OF MATERIALS. DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS OR SIZES. VERIFY ALL DIMENSIONS IN THE FIELD.
- PROVIDE BLOCKING IN PARTITIONS AS REQUIRED FOR ALL ITEMS ATTACHED TO WALL INCLUDING CABINETRY AND MILLWORK. ALL ROUGH CARPENTRY, BLOCKING, AND MISCELLANEOUS WOOD FRAMING SHALL BE FIRE RETARDANT TREATED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REQUIREMENTS.
- HEIGHT OF ELECTRICAL, DATA AND COMMUNICATION OUTLETS WHEN SURROUNDED BY OR ABUTTING MILLWORK SHALL BE CONFIRMED PRIOR TO INSTALLATION.
- FLOOR MOUNTED OUTLET LOCATIONS MUST BE CONFIRMED WITH THE OWNER AND ARCHITECT BEFORE CORE DRILLING.
- PLACEMENT OF WALL OR CEILING ACCESS PANELS SHALL BE REVIEWED WITH THE OWNER/ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE FIRE EXTINGUISHERS AS REQUIRED BY CODE.
- PROTECT NEWLY INSTALLED FINISHES, MILLWORK, BUILT-INS, AND MATERIALS, AND ANY ITEMS (FURNITURE, ETC.) REQUIRING STORAGE.
- UPON COMPLETION OF WORK, ALL FACILITIES SHALL BE IN FULL USE WITHOUT DEFECTS.
- TOOTH IN BRICK AND CMU TO MATCH EXISTING CONSTRUCTION WHERE MASONRY IS REMOVED, INCLUDING WHERE REMOVED TO PROVIDE ACCESS TO EXISTING STRUCTURE OR SYSTEMS.
- WHERE EXISTING WALLS, UTILITIES OR OTHER CONSTRUCTION IS REMOVED BELOW THE FLOOR SLAB: INFILL WITH CRUSHED STONE. PROVIDE AND SEAL VAPOR BARRIER, AND PLACE NEW 4" REINFORCED CONCRETE, U.N.O. REFER TO DEMOLITION, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR COORDINATION OF AREAS OF CUT AND PATCH.
- CONTRACTOR SHALL USE AND PROTECT THE EXISTING BUILDING AND EXISTING FINISHES SCHEDULED TO REMAIN IN A MANNER WHICH WILL NOT SOIL, DEFACE, OR DAMAGE THE EXISTING FACILITIES, FINISHES OR FIXTURES. PROVIDE PROTECTIVE MATERIALS AS NECESSARY.
- REMOVE ALL CONSTRUCTION DEBRIS AS REQUIRED TO MAINTAIN A CLEAN ENVIRONMENT AND TO PREVENT THE POSSIBILITY OF ACCIDENT OR FIRE.
- HEIGHT OF ELECTRICAL, DATA AND COMMUNICATION OUTLETS WHEN ADJACENT TO OR ABUTTING CASEWORK SHALL BE COORDINATED AND REVIEWED WITH THE ARCHITECT PRIOR TO INSTALLATION.
- DOWNLIGHTS, SPRINKLER HEADS, SMOKE DETECTORS, AND EXIT SIGNS SHALL BE LOCATED IN THE CENTER OF THE CEILING TILE, U.N.O.
- G.C. SHALL PROVIDE BLOCKING AS REQUIRED FOR ALL WALL MOUNTED EQUIP., CASEWORK, GRAB BARS, ETC.
- G.C. SHALL PROVIDE TEMPORARY PARTITIONS FOR EACH PHASE OF WORK AND AS REQUIRED FOR OCCUPANT EXITING REQUIREMENTS. PARTITIONS SHALL BE IN ACCORDANCE WITH SPEC SECTION TEMPORARY FACILITIES AND CONTROLS. REFER TO THE PHASING PLANS FOR INFORMATION CONCERNING PHASING AREAS AND DATES. TEMPORARY PARTITIONS MUST BE FLOOR TO CEILING AND SEALED FULL PERIMETER. PARTITIONS MUST BE PROVIDED WITH SOLID AND LOCKABLE DOORS.



SEAL:

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ADDITIONS AND RENOVATIONS TO THE
FOLCROFT TECHNICAL SCHOOL
DELAWARE COUNTY
INTERMEDIATE UNIT
701 HENDERSON BLVD.
FOLCROFT, PA 19032

ISSUE DATES	DESCRIPTION:
DATE: 03/17/2025	BID SET

PROJ #: 21-DCIU-03 DRAWN BY: KLG

GENERAL NOTES AND PARTITION TYPES

SHEET NUMBER:
A0.4

BID SET

3/17/2025 4:45:35 PM