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March 20, 2025

BID ADDENDUM No. 5

Re: Bedford UFSD
Phase 2 – Bond Improvements at
Fox Lane High School, Fox Lane Middle
School, Administration Building
BBS File No. 23-131a-c

This addendum contains changes to the requirements of the contract drawings and/or project manual. Such changes shall be incorporated into the contract documents and shall apply to the work with the same meaning and force as if they had been included in the original documents. Wherever this addendum modifies a portion of a paragraph of project manual or any portion of the drawing, the remainder of the paragraph or drawing affected shall remain in force.

The conditions of the basic project manual shall govern all work described in this addendum. Wherever the conditions of work and the quality or quantity of materials or workmanship are not fully described in this addendum, the conditions of work, etc. included in the basic project manual for similar items of work shall apply to the work described in this addendum.

The "Conditions of the Contract" apply to all work described in this addendum.

The following changes shall be and are hereby made:

CONSTRUCTION DOCUMENT MODIFICATIONS

1. 23-131b Drawing A8.01 – Door Schedule and Elevations

- a. Construction drawing shall be deleted and replaced with the attached. This drawing was inadvertently excluded from Addendum #4.
- b. All TGP fire-rated assemblies shall use 'Pyrostop' glazing as per manufacturer's recommendations. All other references to 'Pyrostop' glazing in fire rated assemblies shall be Fire-Lite Plus glazing.

END OF ADDENDUM

DOOR SCHEDULE

AREA	DOOR NO.	LOCATION	SIGNAGE	DOOR			FRAME				HARDWARE			DETAIL			FIRE RATING	REMARKS	DOOR NO.	
				LEAVES	WIDTH	HEIGHT	THICKNESS	ELEV. TYPE	MAT.	GLAZING	TYPE	MAT.	GLAZING	SET	HEAD	JAMB				SILL
LOWER LEVEL	101	EXTERIOR	---	2	3'-0"	7'-0"	1 3/4"	F	ALUM.	SG-2	W1	ALUM.	SG-2				20/A6.01	---	PROVIDE REMOVABLE MULLION	101
	102	EXTERIOR	---	1	3'-0"	7'-0"	1 3/4"	F	ALUM.	SG-2	W1	ALUM.	SG-2				20/A6.01	---		102
	103	STUDENTS / STAFF VESTIBULE	---	2	3'-0"	7'-0"	1 3/4"	F	ALUM.	S.L.	SF-1	ALUM.	S.L.				T2	---	PROVIDE REMOVABLE MULLION. PROVIDE SECURITY FILM	103
	104	SECURITY VESTIBULE	---	1	3'-0"	7'-0"	1 3/4"	F	ALUM.	S.L.	SF-3	ALUM.	S.L.				T2	---	PROVIDE SECURITY FILM	104
	105	SECURITY OFFICE No. 03	B	1	3'-0"	7'-0"	1 3/4"	F	ALUM.	F.L.P.	SF-5	ALUM.	F.L.P.				T2	60 MIN.	PROVIDE SECURITY FILM	105
	106	SECURITY OFFICE No. 03	B	1	3'-0"	7'-0"	1 3/4"	E	MCMV	F.L.P.	SF-5	H.M.	F.L.P.				T2	90 MIN.		106
	107	EXTERIOR	---	1	3'-0"	7'-0"	1 3/4"	F	ALUM.	SG-2	W1	ALUM.	SG-2				20/A6.01	---		107
	108	MAIN LOBBY	---	2	3'-0"	7'-0"	1 3/4"	E	MCMV	F.L.P.	F2	H.M.	F.L.P.				T2	90 MIN.	PROVIDE MAGNETIC HOLD OPENS. 180 DEG. SWING.	108
	109	ATTENDANCE OFFICE No. 04	B	1	3'-0"	7'-0"	1 3/4"	C	SCLCMV	F.G.	F1	H.M.	F.L.P.				T2	20 MIN.		109
	110	MAIN OFFICE No. 125	B	1	3'-0"	7'-0"	1 3/4"	C	SCLCMV	F.G.	SF-9	H.M.	F.L.P.				T2	20 MIN.		110
	111	CONFERENCE ROOM No. 127	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	F.L.P.				T3	---		111
	112	OFFICE No. 124	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	F.L.P.				T3	---		112
	113	CONFERENCE ROOM No. 123	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	F.L.P.				T3	---		113
	114	OFFICE No. 122	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	F.L.P.				T3	---		114
	115	OFFICE No. 129	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	F.L.P.				T3	---		115
	116	OFFICE No. 130	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	F.L.P.				T3	---		116
	117	TOILET ROOM No. 131	D	1	3'-0"	7'-0"	1 3/4"	A	SCLCMV	---	F1	H.M.	F.L.P.				T4	---		117
	118	VAULT No. 135	B	1	3'-0" V.I.F.	7'-0" V.I.F.	1 3/4"	A	H.M.	---	F1	H.M.	F.L.P.				T5	---		118
	119	STORAGE ROOM No. 134	B	1	3'-0" V.I.F.	7'-0" V.I.F.	1 3/4"	A	MCMV	---	F1	H.M.	F.L.P.				T5	45 MIN.		119
	120	STORAGE ROOM No. 128	B	1	3'-0"	7'-0"	1 3/4"	A	SCLCMV	---	F1	H.M.	F.L.P.				T5	20 MIN.		120
	121	NURSE'S OFFICE No. 119	B	1	3'-0"	7'-0"	1 3/4"	A	SCLCMV	---	F1	H.M.	F.L.P.				T3	---		121
	122	TOILET ROOM No. 132	D	2	3'-0"	7'-0"	1 3/4"	A	SCLCMV	---	F1	H.M.	F.L.P.				T4	---		122
	123	EXAM ROOM	B	1	3'-0"	7'-0"	1 3/4"	A	SCLCMV	---	F1	H.M.	F.L.P.				T2	---		123
	124	OFFICE No. 120	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F1	H.M.	F.L.P.				T2	---		124
125	NURSE'S OFFICE No. 119	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	F.G.	F1	H.M.	F.L.P.				T2	20 MIN.		125	
126	STORAGE ROOM No. 133	B	1	3'-0"	7'-0"	1 3/4"	A	SCLCMV	---	F1	H.M.	F.L.P.				T2	---		126	
FIRST FLOOR	201	CROSS-CORRIDOR DOORS	---	2	3'-0"	7'-0"	1 3/4"	C	SCLCMV	F.G.	F2	H.M.	F.L.P.				T5	20 MIN.	PROVIDE MAGNETIC HOLD OPENS. 180 DEG. SWING.	201
	202	MUSIC CLASSROOM No. 209 / 210	A	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	F.G.	F1	H.M.	F.L.P.				T5	20 MIN.		202
	203	MUSIC CLASSROOM No. 209 / 210	A	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	F.G.	F1	H.M.	F.L.P.				T5	20 MIN.		203
	204	PRACTICE ROOM No. 210a	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	SF-10	H.M.	TEMP.				T2	---	PROVIDE 3/4" UNDERCUT.	204
SECOND FLOOR	301	LECTURE ROOM No. 318	A	2	3'-0" V.I.F.	7'-0" V.I.F.	1 3/4"	D	SCLCMV	F.G.	F2	H.M.	F.L.P.				T2	20 MIN.		301
	302	STEAM / ROBOTICS LAB No. 317	---	1	3'-0"	7'-0"	1 3/4"	G	ALUM.	F.L.P.	SF-11	ALUM.	F.L.P.				T3	45 MIN.		302
	303	STORAGE ROOM No. 317A	B	1	3'-0"	7'-0"	1 3/4"	A	MCMV	---	F1	H.M.	F.L.P.				T2	45 MIN.	PROVIDE 3/4" UNDERCUT.	303
	304	STEAM / ROBOTICS LAB No. 317	---	1	3'-0"	7'-0"	1 3/4"	G	ALUM.	F.L.P.	SF-11	ALUM.	F.L.P.				T3	45 MIN.		304
	305	WOOD SHOP No. 315	B	1	3'-0"	7'-0"	1 3/4"	D	SCLCMV	TEMP.	F2	H.M.	F.L.P.				T3	---		305
	306	LECTURE ROOM No. 316	A	2	3'-0" V.I.F.	7'-0" V.I.F.	1 3/4"	D	SCLCMV	F.G.	F2	H.M.	F.L.P.				T2	20 MIN.		306
	307	CROSS-CORRIDOR DOORS	---	2	3'-0"	7'-0"	1 3/4"	C	SCLCMV	F.G.	F2	H.M.	F.L.P.				T5	20 MIN.	PROVIDE MAGNETIC HOLD OPENS. 180 DEG. SWING.	307

ABBREVIATION LEGEND

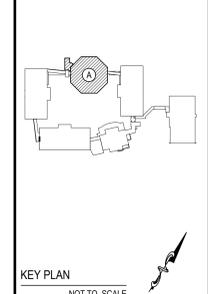
ABBREVIATION	DESCRIPTION	ALUMINUM	SECURITY FILM
ALUM.	ALUMINUM	S.F.	SECURITY FILM
S.C.L.C.O.V.	SOLID COMPOSITE LUMBER CORE OAK VENEER	SG-1	1/2" SHOOTER ATTACK GLAZING
M.C.O.V.	MINERAL CORE OAK VENEER	SG-2	1" INSULATED SHOOTER ATTACK GLAZING
S.C.L.M.V.	SOLID COMPOSITE LUMBER CORE MAPLE VENEER	SG-3	20 MIN. RATED SHOOTER ATTACK GLAZING
M.C.M.V.	MINERAL CORE MAPLE VENEER	SG-4	45 MIN. RATED SHOOTER ATTACK GLAZING
F.R.P.	FIBERGLASS REINFORCED POLYESTER	SG-5	60 MIN. RATED SHOOTER ATTACK GLAZING
H.M.	HOLLOW METAL	SG-6	90 MIN. RATED SHOOTER ATTACK GLAZING
F.G.	1/2" FIREGLASS 20	BRG-L1	LEVEL 1 BULLET RESISTANT GLAZING
F.L.P.	1/2" FIRE-LITE PLUS	BRG-L2	LEVEL 2 BULLET RESISTANT GLAZING
PYRO	PYROSTOP GLAZING	BRG-L3	LEVEL 3 BULLET RESISTANT GLAZING
INSUL.	1" INSULATED GLAZING	SGP-L1	LEVEL 1 BULLET RESISTANT SECURITY PANEL
S.L.	1/2" SAFETY LAMINATED GLAZING	SGP-L2	LEVEL 2 BULLET RESISTANT SECURITY PANEL
OBSC.	OBSCURE GLAZING	SGP-L3	LEVEL 3 BULLET RESISTANT SECURITY PANEL
U.O.N.	UNLESS OTHERWISE NOTED	TEMP	1/2" TEMPERED GLAZING

DOOR NOTES

- ALL DOORS, FRAMES AND HARDWARE SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.
- GENERAL CONTRACTOR SHALL COORDINATE ALL KEYING WITH OWNER.
- FIRE RATED WOOD DOORS (45 MIN. AND ABOVE ONLY) SHALL HAVE SOLID MINERAL CORE. ALL OTHER WOOD DOORS SHALL HAVE SOLID COMPOSITE LUMBER CORE.
- FLUSH WOOD DOORS SHALL BE 5 PLY LAMINATED FACE SHEETS WITH 2 PLY FINISH VENEER OVER SPECIFIED CORE. AT FIRE RATED DOORS, TOP AND BOTTOM RAILS AND STILES SHALL BE FIRE RESISTANT COMPOSITION MATERIAL BONDED TO CORE. PROVIDE SOLID BLOCKING FOR CLOSER AND HARDWARE. REFER TO SPECIFICATION SECTION 081416.
- FLUSH WOOD DOORS AS MANUFACTURED BY YI INDUSTRIES OR APPROVED EQUAL. SPECIES: SELECT WHITE MAPLE. COLOR: ALPINE AL-18.
- ALL GLAZING IN DOORS SHALL BE INSTALLED IN METAL VISION KIT TO MATCH FIRE LABEL. VISION KIT COLOR SHALL BE AS SELECTED BY ARCHITECT. INTERIOR GLAZING TYPES AND SIZES SHALL CONFORM TO NFPA 80 AND/OR ASTM E119. WHERE SECURITY GLAZING IS INDICATED, VISION KIT SHALL BE THROUGH BOLT TYPE.
- ALL NEW H.M. FRAMES SHALL BE FULLY WELDED WRAP AROUND TYPE (UNLESS OTHERWISE NOTED OR DETAILED). THROATS SHALL BE SIZED ACCORDING TO WALL THICKNESS AND FINISH. REFER TO FLOOR PLAN AND ENLARGED DETAILS FOR ADDITIONAL INFORMATION.
- FOR DOOR REPLACEMENTS IN KIND, GENERAL CONTRACTOR SHALL MODIFY AND PATCH EXISTING WOOD OR H.M. DOOR FRAMES (DESIGNATED TO REMAIN) TO ACCOMMODATE NEW DOOR OPERATOR, LOCKSET, LATCH, DOOR SWING AND/OR CLOSER, ETC. AS REQUIRED FOR COMPLETE AND FUNCTIONAL OPERATION.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING HEIGHT AND WIDTH OF PROPOSED DOORS TO BE INSTALLED IN EXISTING FRAMES (PRIOR TO SHOP DRAWING SUBMITTAL) TO ENSURE PROPER FIT AND DOOR FUNCTION.
- ALL NEW HOLLOW METAL FRAMES AND HOLLOW METAL DOORS SHALL BE FINISH PAINTED. REFER TO SPECIFICATION SECTION 09900 FOR PAINT TYPE. COLOR AS SELECTED BY ARCHITECT.
- GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL A.D.A. COMPLIANT SIGNAGE AT ALL DOORS WHERE SPECIFIED IN DOOR SCHEDULE AND/OR SHOWN ON FLOOR PLANS. INSTALL IN CONFORMANCE WITH ALL ADA HEIGHT AND PLACEMENT REQUIREMENTS.
 - ▲ A WHERE DENOTED IN SCHEDULE, PROVIDE 4"x4" SIGNAGE WITH BRAILLE INDICATING ROOM NUMBER (COORD. WITH OWNER), MODEL NO. E-BTCUST.
 - ▲ B WHERE DENOTED IN SCHEDULE, PROVIDE 4"x2" SIGNAGE WITH BRAILLE INDICATING ROOM NAME AND NUMBER (COORD. WITH OWNER), MODEL NO. E-BTCUST.
 - ▲ C WHERE DENOTED IN SCHEDULE, PROVIDE 8"x8" SIGNAGE WITH BRAILLE INDICATING GENDER AND WHEELCHAIR PICTOGRAMS AND ROOM NAME AT MULTI-USE TOILET ROOMS.
 - AT MULTI-USE TOILET ROOMS, PROVIDE AND INSTALL MODEL NO. X-5687 (WOMEN), X-5672 (MEN), X-7095 (BOYS), X-7096 (GIRLS).
 - AT MULTI-USE ACCESSIBLE TOILET ROOMS, PROVIDE AND INSTALL MODEL NO. X-5688 (WOMEN), X-5671 (MEN), X-7108 (BOYS), X-7107 (GIRLS).
 - ▲ D WHERE DENOTED IN SCHEDULE, PROVIDE 4"x2" SIGNAGE WITH BRAILLE INDICATING GENDER AND WHEELCHAIR PICTOGRAMS AND ROOM NAME AT SINGLE-USE TOILET ROOMS.
 - AT SINGLE-USE TOILET ROOMS, PROVIDE AND INSTALL MODEL NO. E-BTCUST. SIGN SHALL SPECIFY STAFF OR STUDENT USE AS REQUIRED.
 - AT SINGLE-USE ACCESSIBLE TOILET ROOMS, PROVIDE AND INSTALL MODEL NO. E-BTCUST. SIGN SHALL SPECIFY STAFF OR STUDENT USE AS REQUIRED.
- MANUFACTURER: "ALLSTATE SIGN AND PLAQUE", DEER PARK, NY OR APPROVED EQUAL. ALL SIGNAGE SHALL BE SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL. COLOR AS SELECTED BY ARCHITECT.
- ALL REMOVABLE MULLIONS ARE TO BE KEYS ALIKE AND TO MATCH EXISTING BUILDING SYSTEM.
- AUTOMATIC DOOR OPERATORS - THE ELECTRICAL CONTRACTOR SHALL PROVIDE A LINE VOLTAGE CIRCUIT TO THE AUTO OPERATOR. LOCATION SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL WIRING ASSOCIATED WITH AUTOMATIC DOOR OPERATORS, INCLUDING ELECTRONIC STRIKE, PUSH BUTTONS, TRANSFORMERS AND ANY OTHER DEVICES REQUIRED FOR A FULLY OPERATIONAL SYSTEM.
- FIRE RATED GLAZING WITH SURFACE APPLIED FILMS WILL NOT BE CONSIDERED EQUIVALENT WHERE LAMINATED FILM IS SPECIFIED.
- ALL ALUMINUM DOOR FRAMES, STOREFRONTS, VISION-LITE FRAMES AND WINDOW FRAMES SHALL BE POWDERCOATED FINISH. CUSTOM COLOR AS SELECTED BY ARCHITECT.

REV.	DATE	ITEM
1	03/20/2025	BID ADDENDUM NO. 5

NOTICE
 THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PREPARED BY BBS ARCHITECTS. LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. AND, THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS THEY WERE NOT PREPARED BY BBS ARCHITECTS. BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THESE DRAWINGS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND REGULATIONS FROM THE ORIGINAL DOCUMENTS OR FROM THE OWNERS INFORMATION.



NOT TO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT
PHASE 2 - BOND IMPROVEMENTS
FOX LANE MIDDLE SCHOOL
 TOWN OF BEDFORD / WESTCHESTER COUNTY

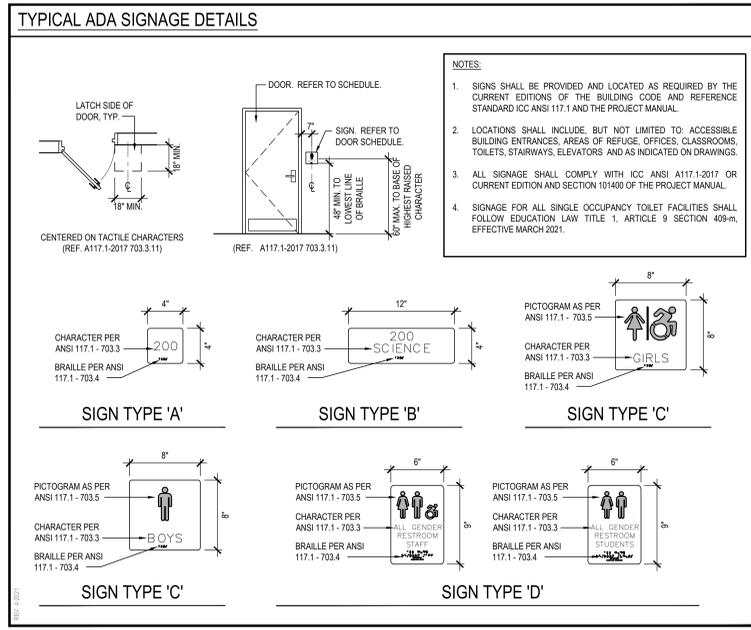
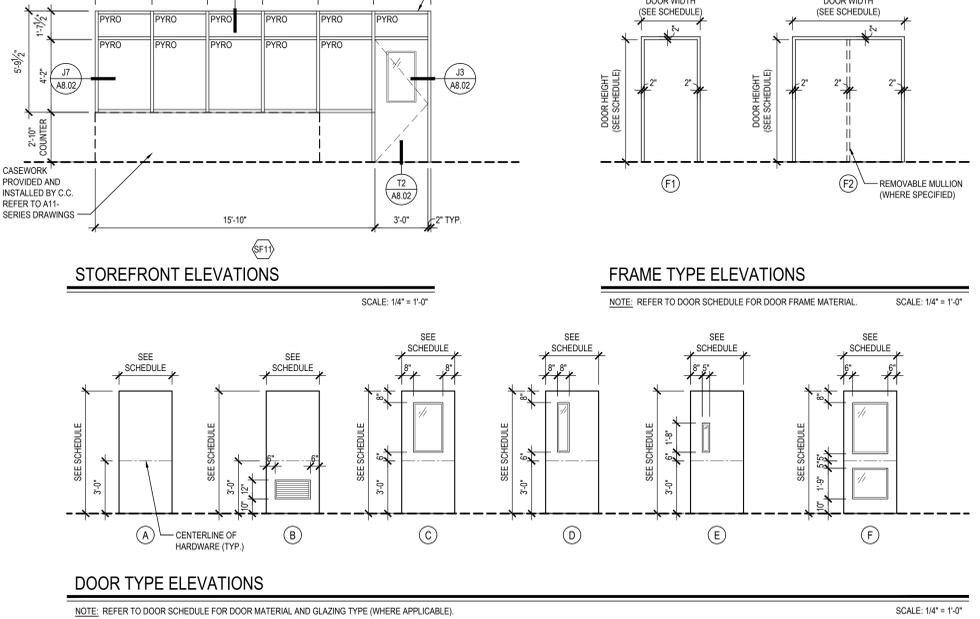
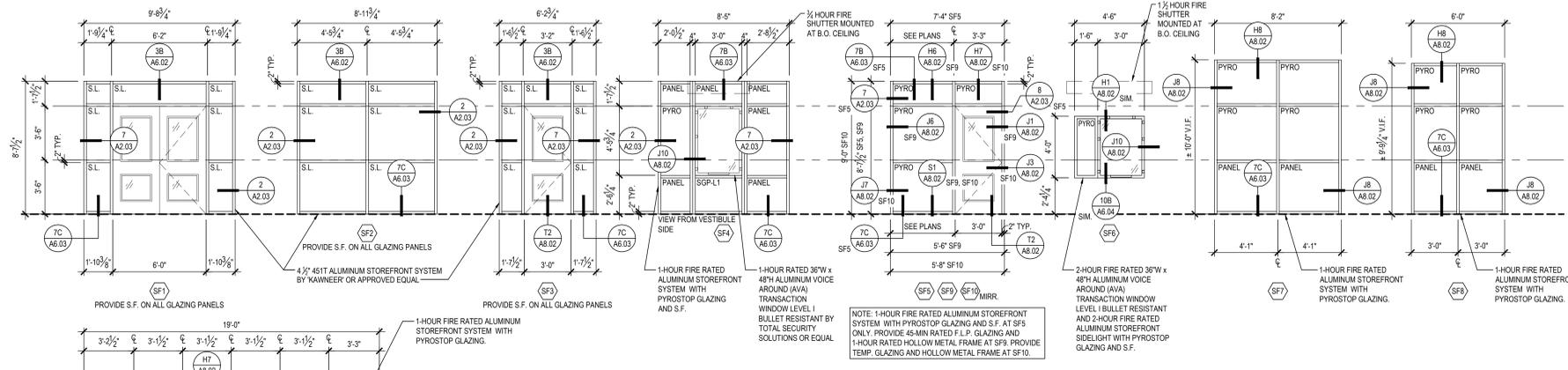
PROJECT
 DRAWING BY: ---
 CHECK BY: ---

NOTICE
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SED No.	66-01-02-06-0-007-013
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT	PHASE 2 - BOND IMPROVEMENTS
DWG TITLE	DOOR SCHEDULE and ELEVATIONS
SCALE	AS NOTED
DATE	APRIL 2024
BID PICK-UP	FEBRUARY 24, 2025
FILE NO.	23-1316 FLMS

A8.01



STOREFRONT ENTRANCE and FRAMING NOTES

- REFER TO CODE COMPLIANCE DRAWINGS FOR WIND LOAD DESIGN CRITERIA.
- ALL EXTERIOR STOREFRONT, CURTAIN WALL AND EXTERIOR DOOR GLAZING SHALL BE 1" DIRECT GLAZED AS INDICATED UNLESS OTHERWISE NOTED. REFER TO PROJECT MANUAL FOR GLAZING TYPE AND CONFIGURATION.
- ALL STOREFRONT AND CURTAIN WALL FRAMING MEMBERS SHALL BE FACTORY FINISHED. COLOR AS SELECTED BY ARCHITECT.
- REFER TO WALL SECTIONS FOR STOREFRONT / CURTAIN WALL CONFIGURATION, ADJACENT CONDITIONS AND MATERIALS, AND TO ASSIST IN DETERMINING FASTENING LOCATIONS. STOREFRONT AND CURTAIN WALL SYSTEM SHALL BE SECURED TO STRUCTURE IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS TO MEET N.E.S. WIND LOAD REQUIREMENTS.
- G.C. SHALL COORDINATE STOREFRONT / CURTAIN WALL OPENING LOCATIONS / QUANTITIES WITH FLOOR PLAN, ELEVATIONS, AND SCHEDULE.
- G.C. SHALL SUBMIT SHOP DRAWINGS WITH CALCULATIONS TO SHOW COMPLIANCE WITH WIND PRESSURE LOADING, DEFLECTION AND MOVEMENT REQUIREMENTS. FRAME DEPTH 4 1/2"; MAX. FRAME DEPTH 6" (U.O.N.).
- EXTERIOR STOREFRONT FRAMING SYSTEM SHALL BE 40" x 2" TRIFAB 451-T BY KAWNEER. INTERIOR STOREFRONT FRAMING SYSTEM SHALL BE 40" x 2" TRIFAB 451-T BY KAWNEER UNLESS OTHERWISE NOTED OR ARCHITECT APPROVED EQUAL.
- PROVIDE TOP FRAMES OR ARCHITECT APPROVED EQUAL WHERE REQUIRED.
- G.C. SHALL COORDINATE WIRING AND HARDWARE PREPARATION OF ELECTRONIC DOOR CONTROLS WITH E.C. FOR COMPLETE AND FUNCTIONAL OPERATION.

SECURITY GLAZING and PANEL NOTES

- SECURITY FILM (SF) SHALL BE SCOTCHSHIELD ULTRA 880V SAFETY AND SECURITY FILM AS MANUFACTURED BY 3M OR ARCHITECT APPROVED EQUAL. LOCATIONS AS INDICATED ON THE DRAWINGS.
 - SECURITY GLAZING (SG) AS MANUFACTURED BY ARMOURD ONE OR ARCHITECT APPROVED EQUAL SHALL BE FROM THE FOLLOWING LIST. LOCATION AND TYPE AS INDICATED ON THE DRAWINGS. STRUCTURAL ADHESIVE SHALL BE USED TO BOND THE GLAZING TO THE VISION KIT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. INSTALLED SO FILM IS ON THE INBOARD (PROTECTED) SIDE.
 - SG-1: 1/2" SHOOTER / ATTACK / BOMB RESISTANT SECURITY GLASS, MODEL NO. A0TSG516L
 - SG-2: 1" INSULATED SHOOTER / ATTACK / BOMB RESISTANT SECURITY GLASS, MODEL NO. A0TSG1
 - SG-3: 20 MINUTE FIRE RATED SHOOTER / ATTACK / BOMB RESISTANT SECURITY GLASS, MODEL NO. A0TSG516FR
 - SG-4: 45 MINUTE FIRE RATED SHOOTER / ATTACK / BOMB RESISTANT SECURITY GLASS, MODEL NO. A0TSG101FR
 - SG-5: 60 MINUTE FIRE RATED SHOOTER / ATTACK / BOMB RESISTANT SECURITY GLASS, MODEL NO. A0TSG161FR
 - SG-6: 90 MINUTE FIRE RATED SHOOTER / ATTACK / BOMB RESISTANT SECURITY GLASS, MODEL NO. A0TSG61FR
 - BULLET RESISTANT GLAZING (BRG) LEVEL 1, 2 OR 3 AS MANUFACTURED BY PATRIOT ARMOR OR ARCHITECT APPROVED EQUAL SHALL BE FROM THE FOLLOWING LIST. LOCATION AND TYPE AS INDICATED ON THE DRAWINGS.
 - BRG-L1: PAS 1000 1/2"
 - BRG-L2: PAS 002 L/S 1"
 - BRG-L3: PAS 003 L/S 1 1/2"
 - SECURITY GLAZING PANEL (SGP) SHALL BE LEVEL 1, 2 OR 3 BULLET RESISTANT COMPOSITE PANEL AS MANUFACTURED BY MAPES ARCHITECTURAL PANELS OR ARCHITECT APPROVED EQUAL. LOCATION AND TYPE AS INDICATED ON THE DRAWINGS.
 - SGP-L1: LEVEL 1 COMPOSITE PANEL
 - THREAT SIDE: LAYER 1: 1/2" ANNEALED GLASS; LAYER 2: 4MM CEMENT BOARD; LAYER 3: 3/8" POLYCARBONATE; LAYER 4: 1/2" POLYURETHANE; LAYER 5: 1/2" HEAT STRENGTHENED GLASS; LAYER 6: 1/2" POLYURETHANE; LAYER 7: 1/2" ANNEALED GLASS.
 - SAFE SIDE: LAYER 1: 1/2" ANNEALED GLASS; LAYER 2: 4MM CEMENT BOARD; LAYER 3: 3/8" POLYCARBONATE; LAYER 4: 1/2" POLYURETHANE; LAYER 5: 1/2" HEAT STRENGTHENED GLASS; LAYER 6: 1/2" POLYURETHANE; LAYER 7: 1/2" ANNEALED GLASS.
 - SGP-L2: LEVEL 2 COMPOSITE PANEL
 - THREAT SIDE: LAYER 1: 1/2" ANNEALED GLASS; LAYER 2: 4MM CEMENT BOARD; LAYER 3: 3/8" POLYCARBONATE; LAYER 4: 1/2" POLYURETHANE; LAYER 5: 1/2" HEAT STRENGTHENED GLASS; LAYER 6: 1/2" POLYURETHANE; LAYER 7: 1/2" ANNEALED GLASS.
 - SAFE SIDE: LAYER 1: 1/2" ANNEALED GLASS; LAYER 2: 4MM CEMENT BOARD; LAYER 3: 3/8" POLYCARBONATE; LAYER 4: 1/2" POLYURETHANE; LAYER 5: 1/2" HEAT STRENGTHENED GLASS; LAYER 6: 1/2" POLYURETHANE; LAYER 7: 1/2" ANNEALED GLASS.
 - SGP-L3: LEVEL 3 COMPOSITE PANEL
 - THREAT SIDE: LAYER 1: 1/2" ANNEALED GLASS; LAYER 2: 4MM CEMENT BOARD; LAYER 3: 3/8" POLYCARBONATE; LAYER 4: 1/2" POLYURETHANE; LAYER 5: 1/2" HEAT STRENGTHENED GLASS; LAYER 6: 1/2" POLYURETHANE; LAYER 7: 1/2" ANNEALED GLASS.
 - SAFE SIDE: LAYER 1: 1/2" ANNEALED GLASS; LAYER 2: 4MM CEMENT BOARD; LAYER 3: 3/8" POLYCARBONATE; LAYER 4: 1/2" POLYURETHANE; LAYER 5: 1/2" HEAT STRENGTHENED GLASS; LAYER 6: 1/2" POLYURETHANE; LAYER 7: 1/2" ANNEALED GLASS.
- NOTE: SKIN FINISH SHALL BE STANDARD KYNAR ON ALUMINUM (INTERIOR AND EXTERIOR)