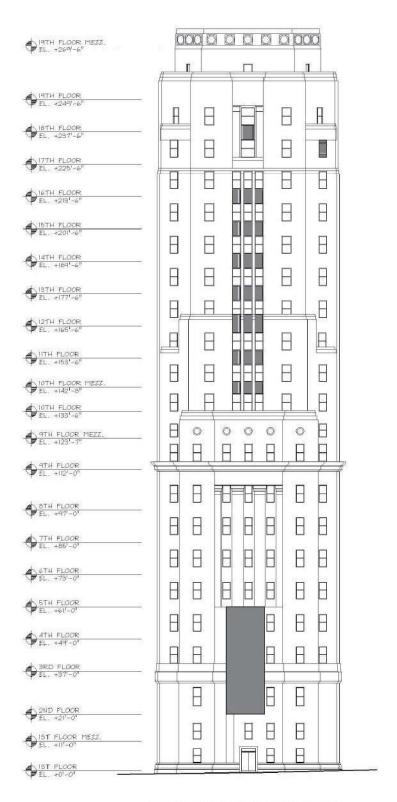


SOUTH ELEVATION (COURT STREET)

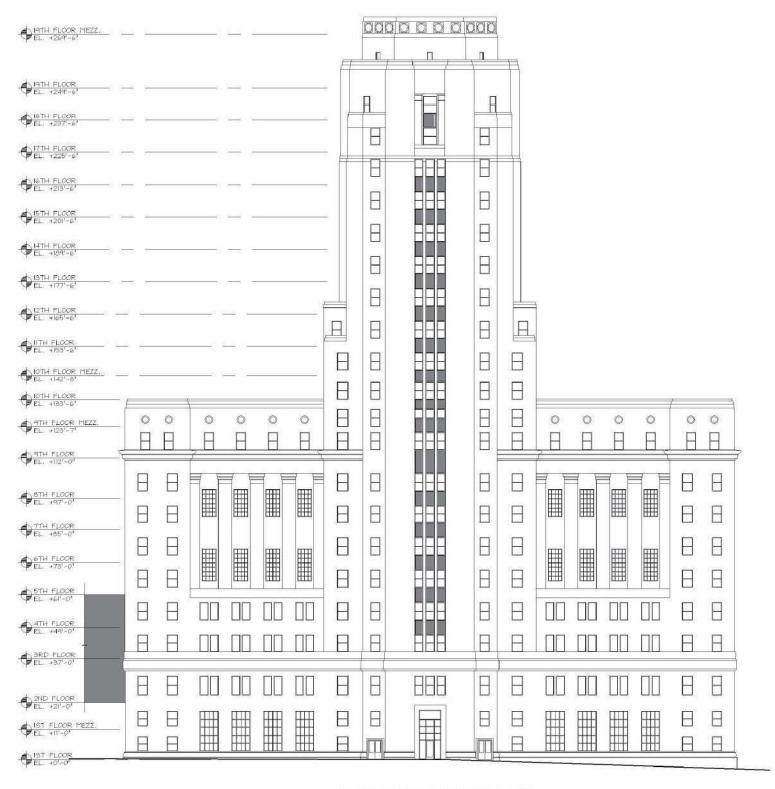
Berks County Court House Weatherization Study



EAST ELEVATION (REED STREET)

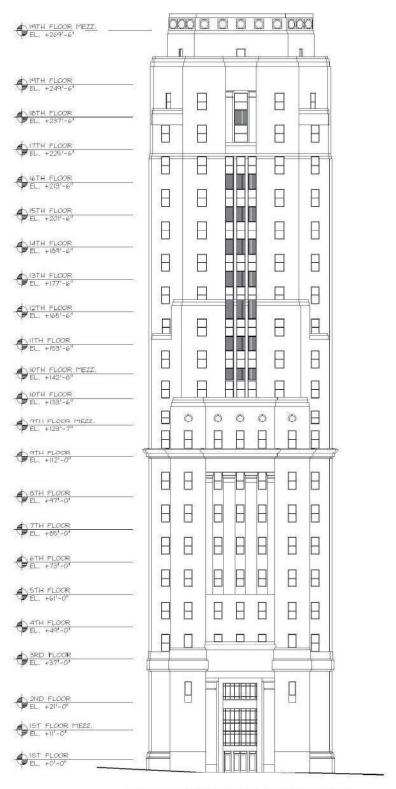
Berks County Court House Weatherization Study

Appendix A - Courthouse Elevations



NORTH ELEVATION (PARKING LOT)

Berks County Court House Weatherization Study



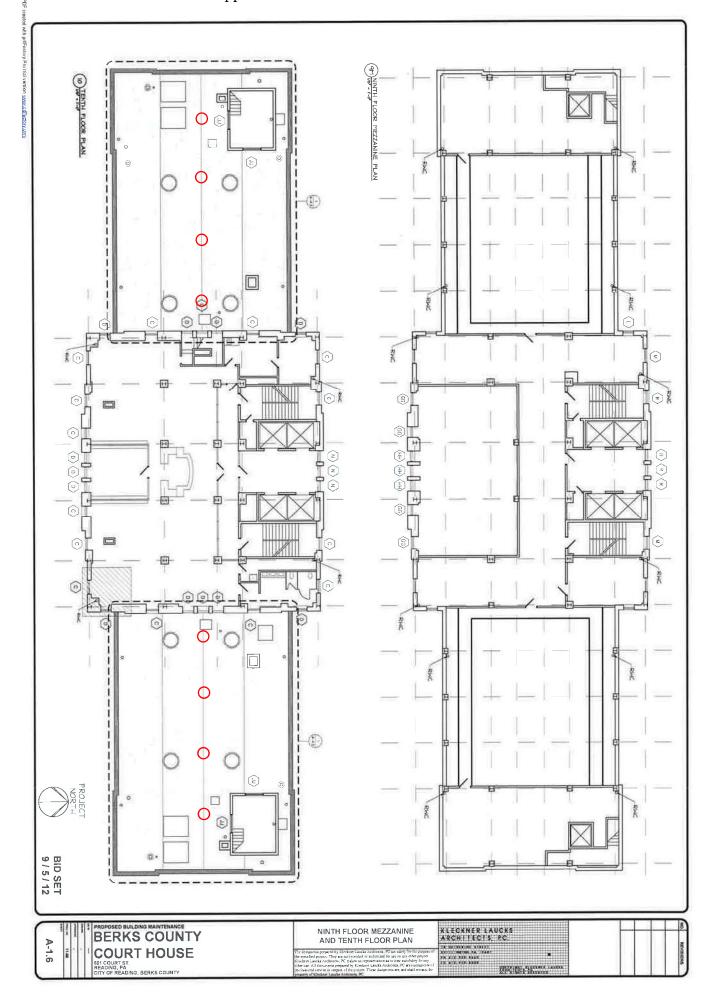
WEST ELEVATION (NORTH 6TH STREET)

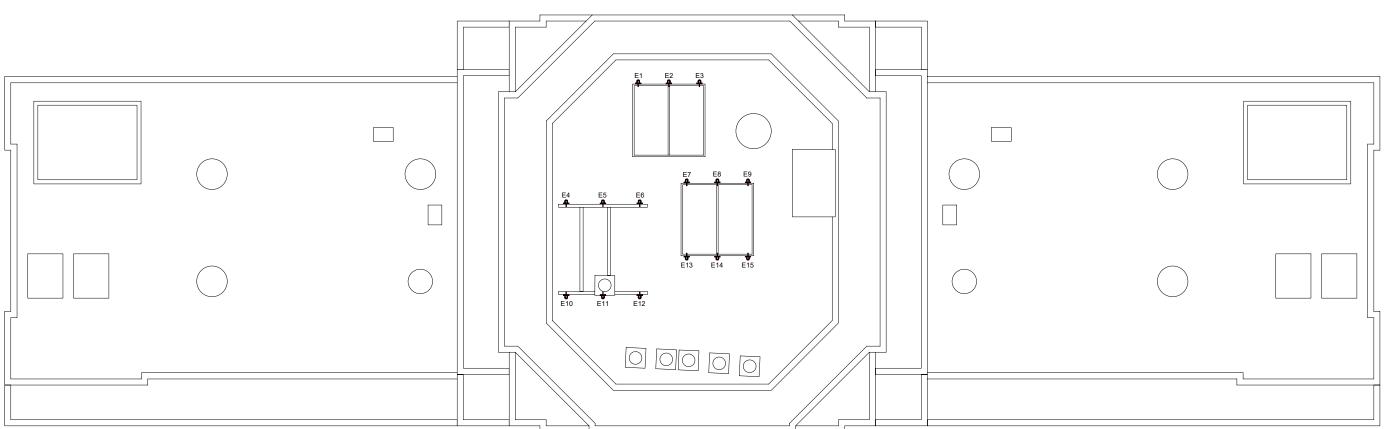
Berks County Court House Weatherization Study

		Berks County	Court House			
	WINDOW STATISTICS					
<u>Floor</u>	<u>Tag</u>	Quantity	<u>Floor</u>	<u>Tag</u>	Quantity	
SUB BASE MEZZ			BASEMENT			
		_				
	EEE	5		BBB	14	
	FFF	5		CCC	18	
	GGG	1		DDD	3	
	HHH	1		total	35	
	total	12				
<u>1</u>	A	4	1 Mezz.	A	4	
_	В	14		В	16	
	AA	8		Q	1	
	Q	1		total	21	
	ВВ	8				
	total	35				
<u>2</u>	D	41	<u>3</u>	D	44	
	Р	1		Р	4	
	С	16		С	18	
	K	1		E	2	
	AAA	2		total	68	
	total	61				
<u>4</u>	D	49	<u>5</u>	D	20	
	C	1	_	C	18	
	Р	18		CC	16	
	total	68		total	54	
					•	
<u>6</u>	D	20	<u>7</u>	D	20	
	С	18		С	18	
	total	38		DD	16	
				total	54	
<u>8</u>	D	20	Δ	D	13	
<u> </u>	C	20 18	<u>9</u>	C	30	
	total	38		K	4	
	เบเสเ	30		EE	4	
				FF	3	
				J	2	
				total	56	
				Cotal	30	

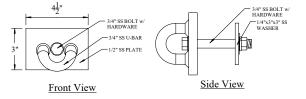
	<u> </u>	Berks County	Court House				
	WINDOW STATISTICS						
<u>Floor</u>	<u>Tag</u>	Quantity	<u>Floor</u>	<u>Tag</u>	Quantity		
11001	<u>rag</u>	Quantity	<u>11001</u>	<u>rag</u>	Quantity		
9 Mezz.	GG	4	<u>10</u>	D	13		
	НН	3		С	14		
	L	1		N	3		
	M	3		total	30		
	R	3					
	total	14					
10 Penthouse	JJ	4	<u> 10 Mezz.</u>	D	15		
				С	14		
				total	29		
<u>11</u>	D	16	<u>12</u>	D	16		
	С	14	_	С	10		
	total	30		total	26		
<u>13</u>	D	16	<u>14</u>	D	16		
	С	10		С	10		
	total	26		total	26		
<u>15</u>	D	16	<u>16</u>	D	16		
	С	10		С	10		
	total	26		total	26		
<u>17</u>	С	9	<u>18</u>	С	6		
	D	2		G	4		
	F	4		D	4		
	total	15		total	14		
<u>19</u>	No Windows		<u>19 Mezz.</u>	Н	7		

WINDOW STATISTICS							
<u>Tag</u>	<u>Width</u>	<u>Height</u>	Quantity				
Α	3'-0"	5'-6 1/2"	8				
В	3'-6"	5'-6 1/2"	30				
С	3'-6"	6'-6 1/4"	261				
D	3'-0"	6'-6 1/4"	357				
E	3'-0"	4'-6 1/2"	2				
F	5'-0"	6'-6 1/4"	4				
G	5'-0"	6'-0 1/2"	4				
Н	2'-0"	5'-6 1/2"	7				
J	1'-8"	3'-3 1/4"	2				
K	3'-0"	6'-6 1/4"	5				
L	3'-0"	5'-0 1/4"	1				
M	3'-6"	5'-0 1/4"	3				
N	3'-0"	4'-10"	3				
Р	3'-0"	4'-6 1/2"	6				
Q	3'-0"	5'-6 1/2"	2				
R	3'-0"	1'-9"	3				
AA	7'-0 1/2"	14'-10 1/2"	8				
ВВ	7'-0 1/2"	14'-10 1/2"	8				
CC	5'-1"	11'-7"	16				
DD	5'-1"	10'-10 1/4"	16				
EE	3'-6"	8'-7"	4				
FF	3'-0"	8'-7"	3				
GG	3'-6"	2'-6"	4				
HH	3'-0"	2'-6"	3				
JJ	5'-2 1/4"	2'-0 1/2"	4				
AAA	2'-6"	5'-0"	2				
BBB	3'-2"	6'-0"	14				
CCC	6'-6"	6'-0"	18				
DDD	3'-0"	6'-0"	3				
EEE	3'-2"	6'-6"	5				
FFF	10'-10 3/8"	6'-6"	5				
GGG	4'-8"	6'-6"	1				
HHH	9'-10"	6'-6"	1				
34 types	total	total	813				













- Design

 1. The design of the safety system layout is by American Anchor. The Architect/Client is responsible for the intended use of the system.

 2. American Anchor is to be notified of all changes to denuing.
- changes to drawing.

 3. The safety anchor has been designed to
- ensure that fracture or detachment does not occur with a (5000lb) load.
 4. The working load of the safety anchor is (1250lbs.)
 5. General Contractor/Architect/Client is to The working load of the safety anchor is (1250lbs.)
 General Contractor/Architect/Client is to
 verify that the location of the equipment supplied
 and/or installed by American Anchor does not
 conflict with structural components, PTC's, conduit,
 mechanical equipment, doorways, roof drains, etc., etc.
 The portions of the building structure that
 support the American Anchor equipment shall be
 verified by the project structural engineer/architect
 for the resulting forces and moments due to the
 loads shown on this drawing. The loads are non
 factored working loads unless noted otherwise.
 Reinforcing of the building structure by
 others as required by the project structural
 engineer to resist the loads imposed by the
 equipment.
 Installation of horizontal lifelines, static lines,
 and or dog lines between anchors and or davits
 without prior written approval from American Anchor
 is strictly prohibited, and may result in legal action
 against all parties initiating such actions.

- against all parties initiating such actions.

 9. Any deviations from this drawing must be
- 9. Any deviations from this drawing must be reported to American Anchor.

 10. The engineer's seal indicates only that the structural components supplied by American Anchor will resist the loads indicated on this drawing when analyzed by conventional structural techniques; or have been lab tested for the loads indicated.
- have been lab tested for the loads indicated.

 Material

 1. All structural steel is designed per AISC specifications.
 2. All hollow structural sections are to be ASTM A500
 Grade C with Fy=50 ksi and Fu=65 ksi..
 3. Stainless Steel is to be type 304.
 4. All bolls are to be type 304 stainless steel with
 minimum Fy=35 ksi and Fu=84 ksi with compatible

- minimum Fy=55 ksi and Fu=84 ksi with compatible nuts and washers.

 5. All threaded rods are to be type 304 stainless steel with Fy=50 ksi and Fu=100 ksi.

 6. Aluminum sections are to be alloy 6061-16 and shall be designed as per specifications for aluminum structures published by the Aluminum Association. Installation

- Ali retaining boils shall have a minimum of two threads exposed after the nut has been tightened and the exposed threads shall be deformed upon completion of the installation to prevent tampering.

 All equipment installed using epoxy fasteners must be load tested prior to use. Load testing to be performed as directed by American Anchor.
- 5. All on-site welding of American Anchor All on-site wetding of American Anchor equipment shall be performed by certified welders registered om the State where the equipment is installed. On-site welding company must supply proof of certification to American Anchor. Inspections and Testing

- Inspections and Jesting

 1. American Anchor equipment is not to be load tested without prior consultation with American Anchor.

 2. All American Anchor installations are tested to twice the working load before initial certification.

 3. All American Anchor Installations are to be inspected by a competent person before each service cycle.
- and once per year by a qualified person to ensure the it is in good working order.
- the it is in good working order.

 4. American Anchor equipment shall be re-certified at periods not exceeding 10 years.

 5. Yielding of the equipment and/or supporting structure may occur during a fall arrest incident. When the equipment has been impacted by a fall arrest loading, a thorough inspection of the equipment and the supporting structure is to be conducted. Any damaged component must be repaired or replaced under the direct supervision of a professional engineer.

 6. Any damaged or deteriorated components must be marked as out of service and repaired or replaced under the direction of a professional engineer.
- under the direction of a professional engineer

- Usage

 1. Worker must be tied off for fall protection and a superior of the su Worker must be tied off for fall protection and remain continuously tied off when approaching and working within 6' of roof edge where the parapet is less that safety railing height. (42 inches)

 Workers must be tied off to independent anchorages at all times during suspended access work. HLL restraint systems can support two workers at one time.

 Workers must protect lines from chafing at all times.

 When using transportable suspension equipment i.e. comice hooks, parapet clamps, counterweighted outrigger beams, etc., this equipment must be tied back to an adequate and identifiable anchor point in a secure manner per OSHA & ANSI regulations.

- back to an adequate and identifiable anchor point in a secure manner per OSHA & ANSI regulations.

 5. All users of American Anchor systems and all fall protection equipment shall be trained in the correct usage of the equipment and practices. Users must comply with all applicable OSHA & ANSI guidelines to insure a safe workplace.

 6. All users of American Anchor systems shall use additional safety measures and precautions while rigging and working on the building in order to protect the general public.

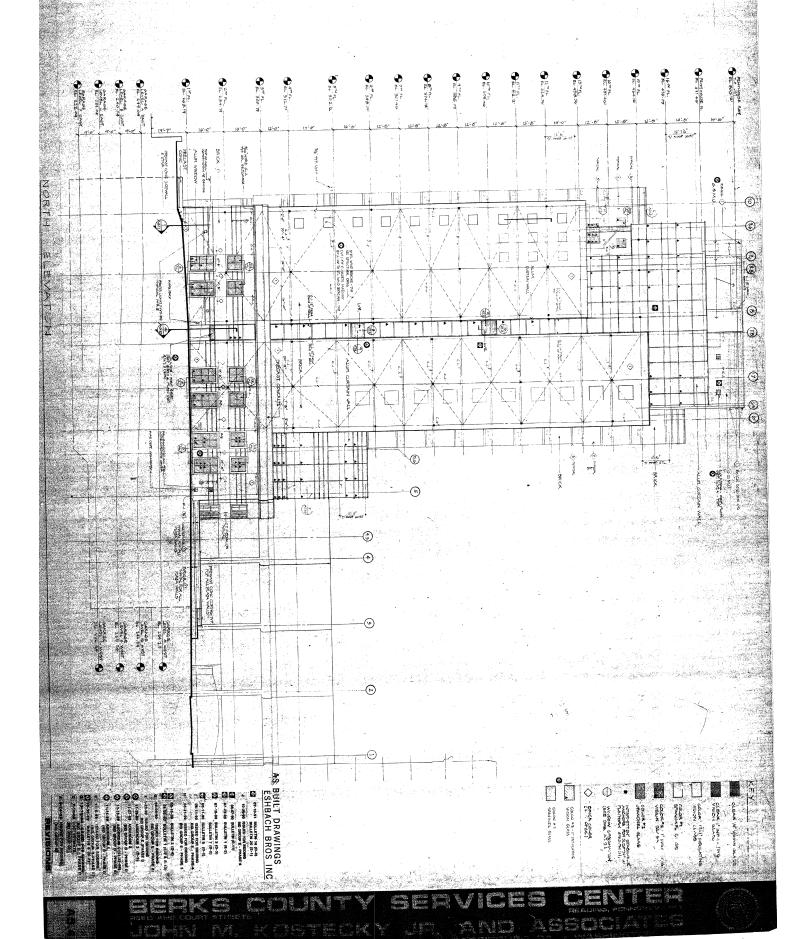
 7. All users of American Anchor systems shall develop and submit a written work plan to the building, prior to the start of work. The work plan hall at a minimum, designate how the users will find if gand operate minimum, designate how the users will rig and operate the system and in compliance with the current industry codes, standards and safety regulations.

AMERICAN ANCHOR INC. 305 CONSTITUTION DRIVE TAUNTON, MA 02780

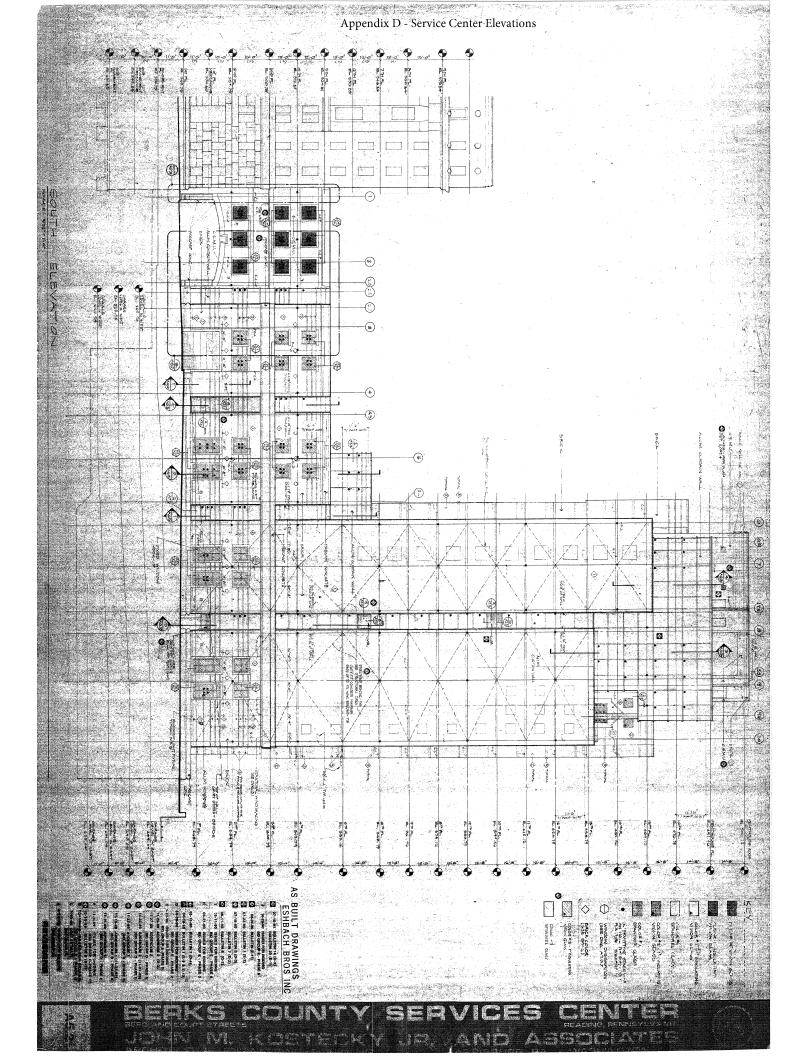
605 Court St, Reading, PA

Roof Anchor Layout 08/14/23

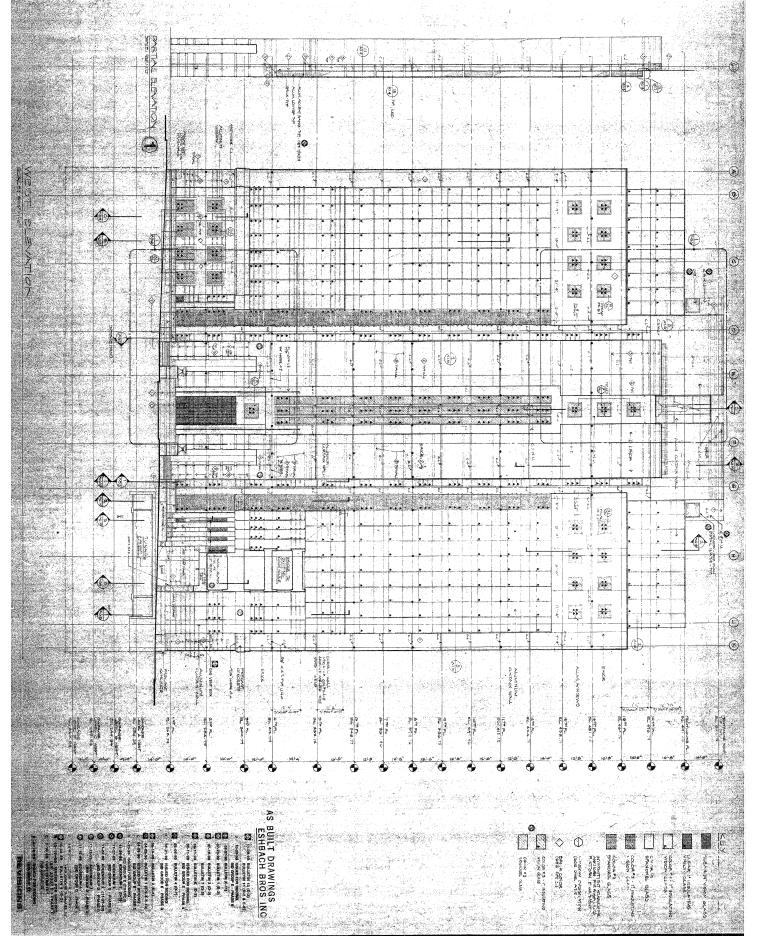
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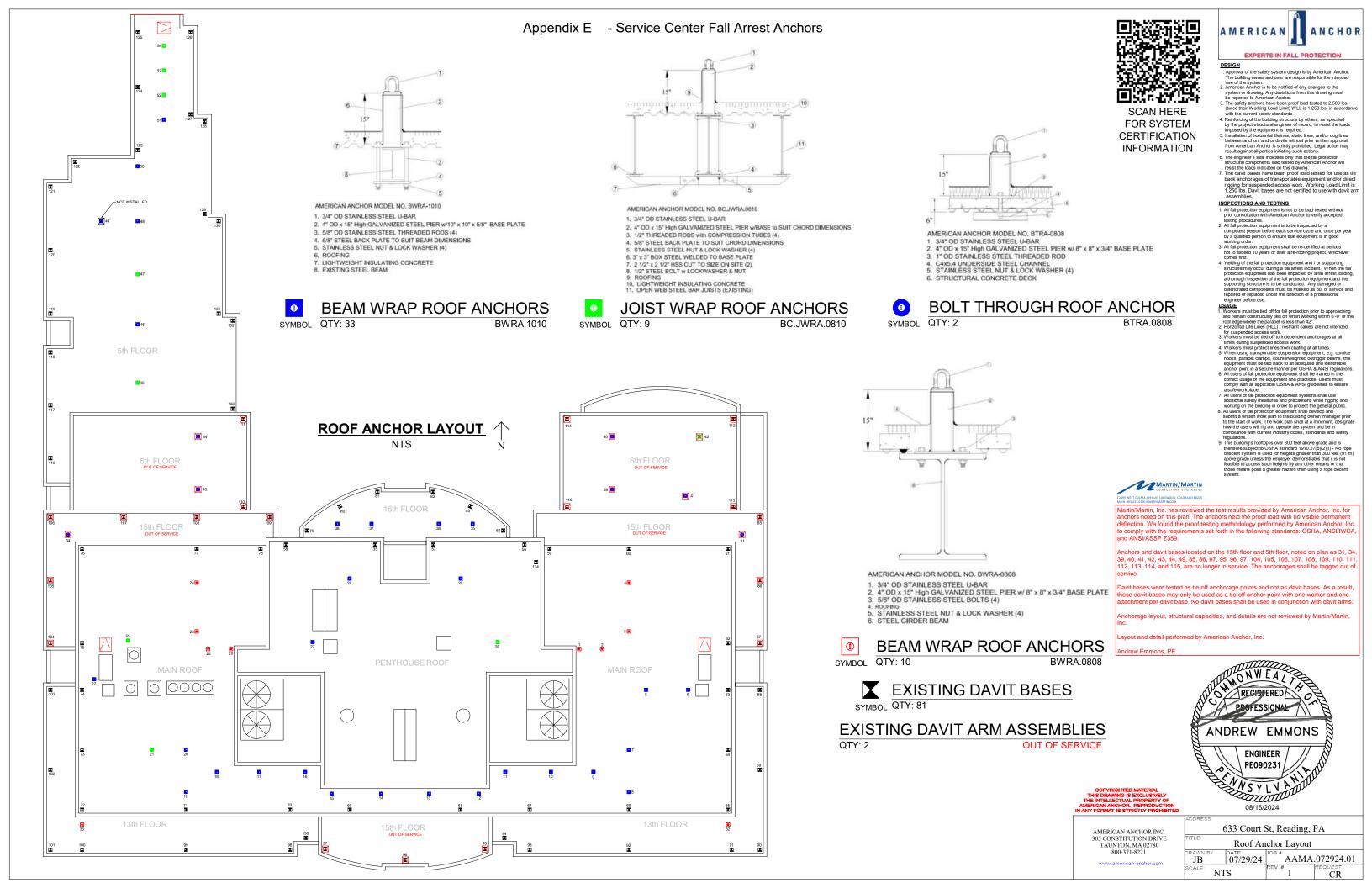


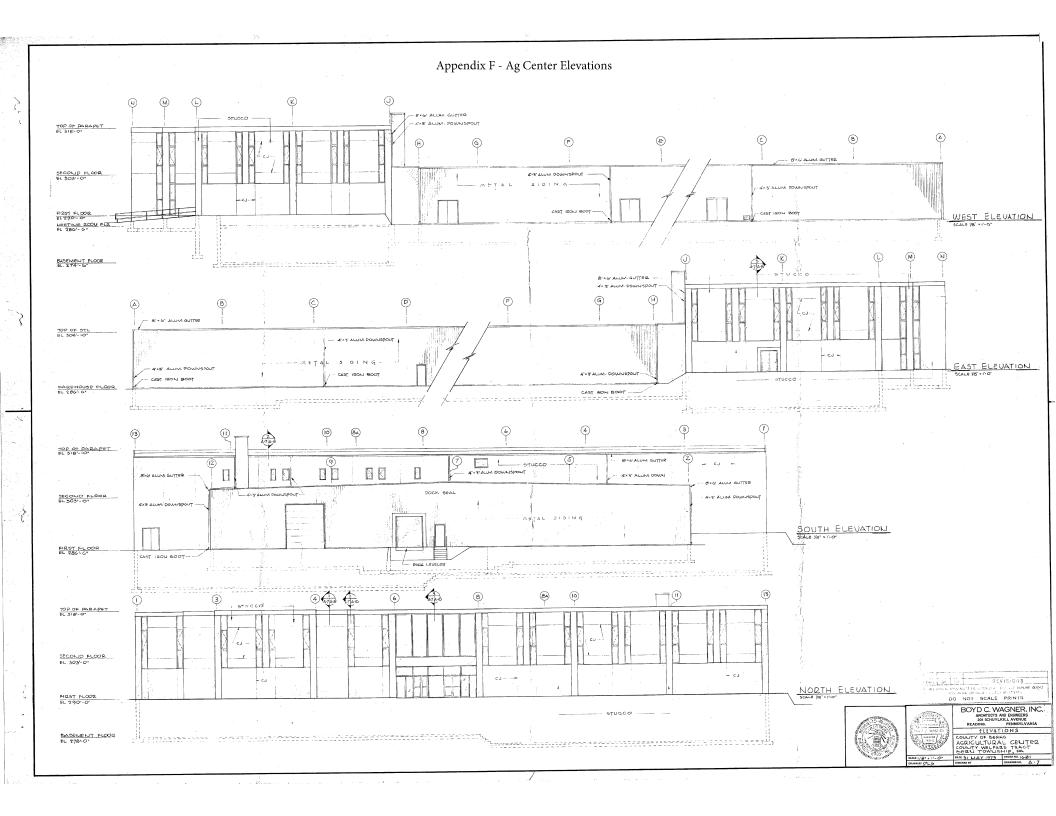
Appendix D - Service Center Elevations

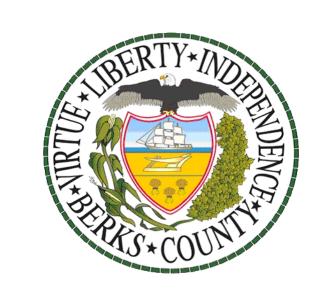


BERKS COUNTY SERVICES CENTER READING, PENNSYLVANIA JOHN M. KOSTECKY JR. AND ASSOCIATES





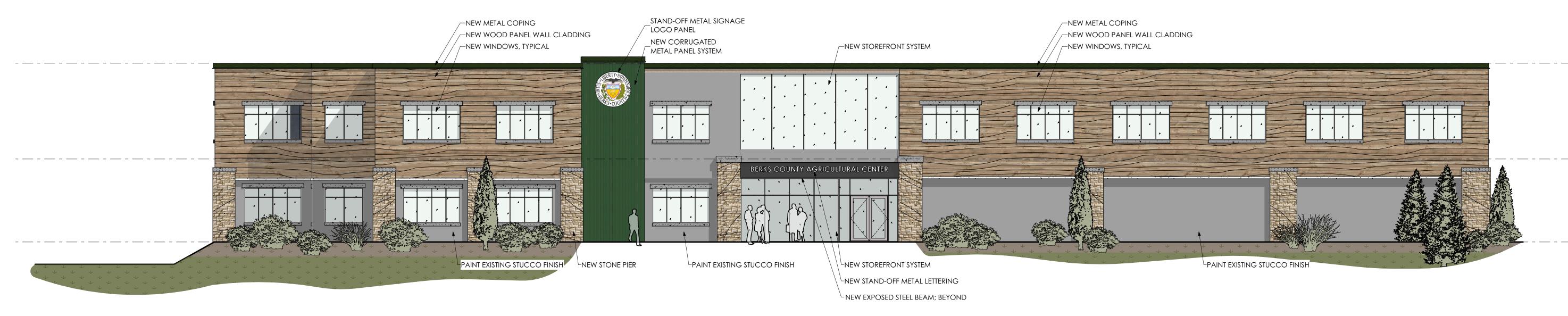




BERKS COUNTY AGRICULTURE CENTER FACILITY UPGRADES - PHASE 2

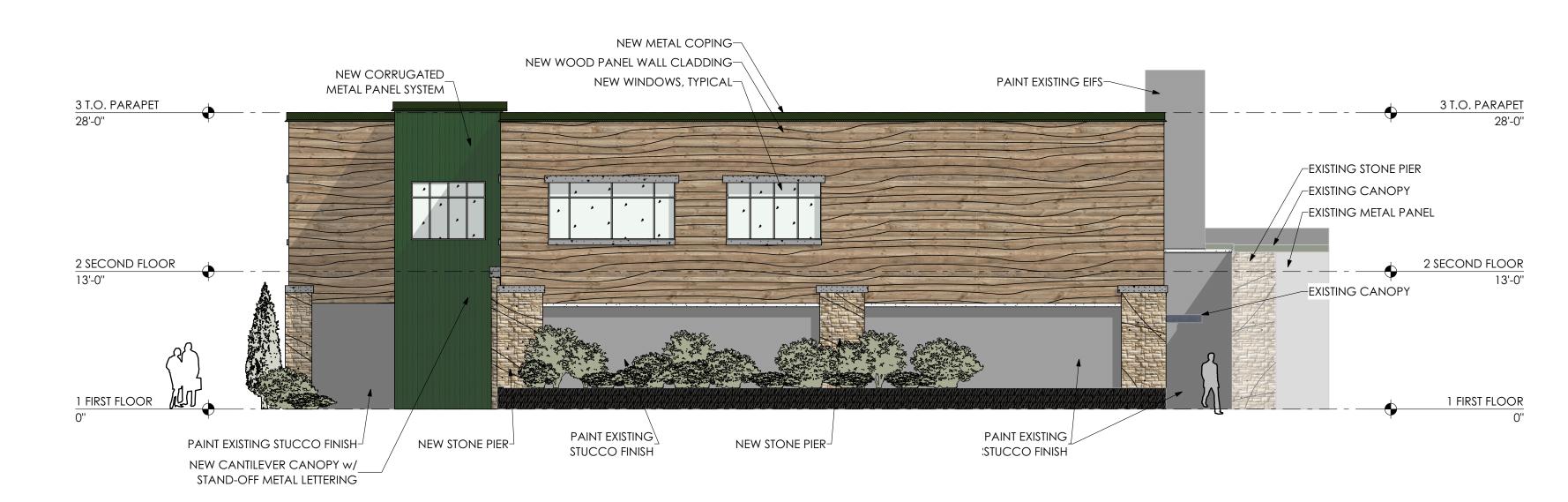
COUNTY OF BERKS





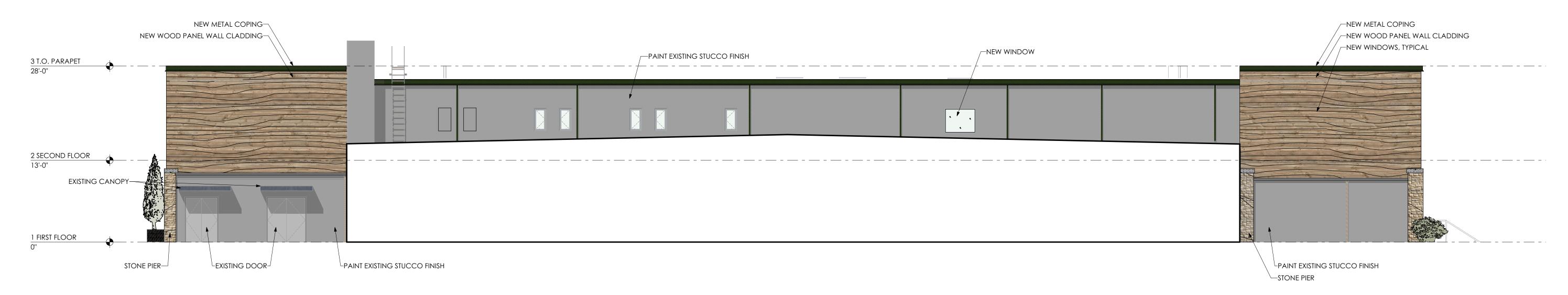




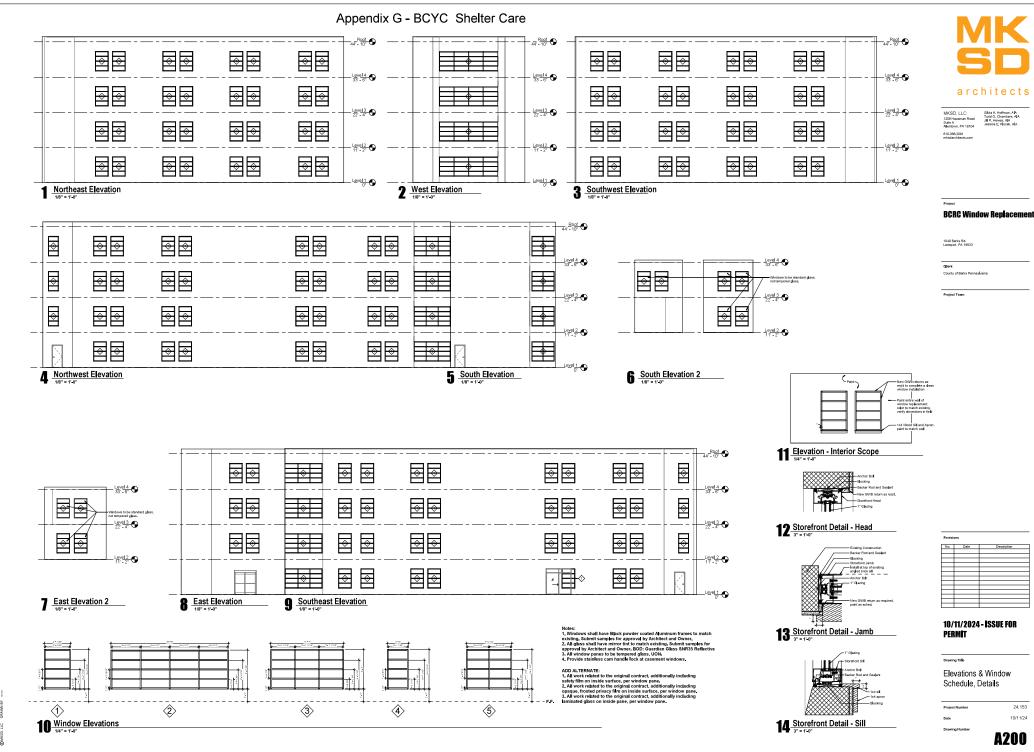




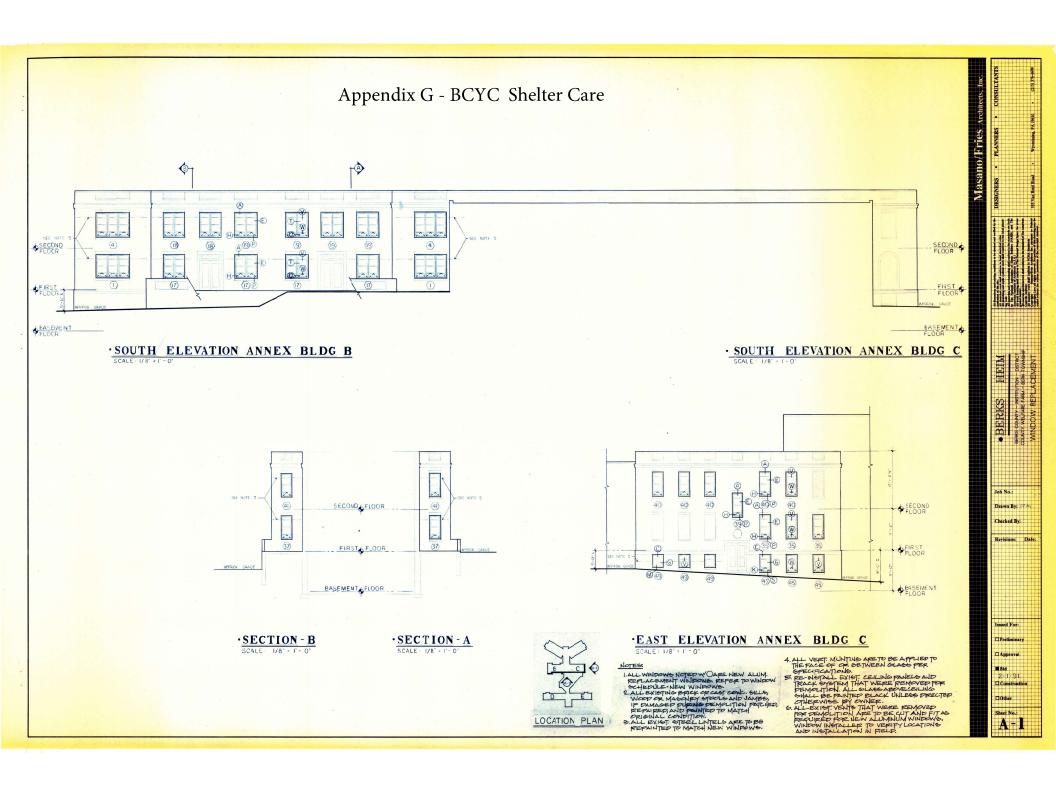


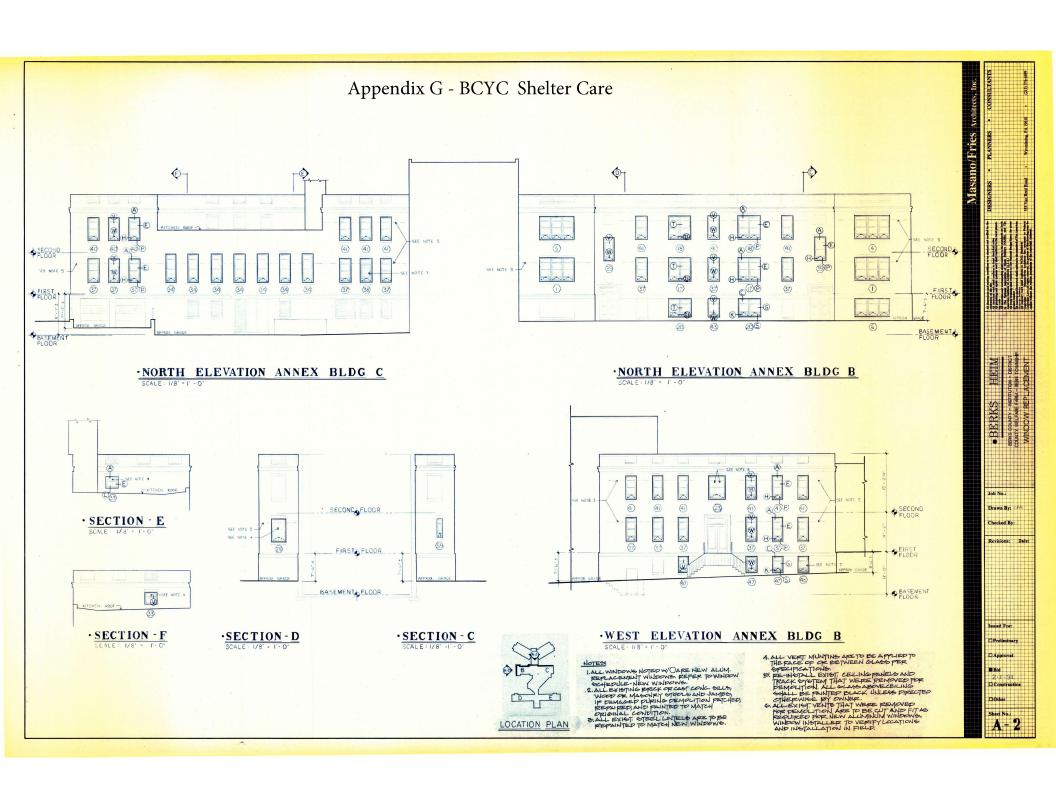






1811/2004 (Sult 21AM P.OS. 1938/2005 (Window Pay sooned Despire)







EXPERTS IN FALL PROTECTION

37 Crouse Lane • Elkton, MD 21921 • 800-371-8221 • www.american-anchor.com

CERTIFICATE FOR USE OF FALL PROTECTION EQUIPMENT

Berks County Facilities & Operations Courthouse, 605 Court Street Reading, PA 19601

July 15, 2024

This certificate indicates that the fall protection equipment on the roof of 605 Court Street, including 16 roof anchors and 15 bolt through wall anchors, has been inspected and is ready to use. Qualified persons should perform annual inspections. Competent persons should perform daily inspections before use, and all users should be properly trained. Working loads not to exceed 1,250 lbs.

Carol Remes

This certificate is valid for one year from date listed above.

Carol Remes, Inspections Manager

American Anchor, Inc.



EXPERTS IN FALL PROTECTION

37 Crouse Lane • Elkton, MD 21921 • 800-371-8221 • www.american-anchor.com

CERTIFICATE FOR USE OF FALL PROTECTION EQUIPMENT

Berks County Facilities & Operations Services Center, 633 Court Street Reading, PA 19601

July 15, 2024

This certificate indicates that the fall protection equipment installed on the roof of 633 Court Street, totaling 46 roof anchors and 63 davit bases, each has been inspected and load tested to a 2,500 lb. proof load which is 2x the rated load of the anchors/supports. All anchors are compliant with the inspection and load testing requirements for rigging applications for suspended equipment operations when used in compliance with OSHA regulations. Working loads are not to exceed 1,250 lbs. Qualified persons should perform annual inspections. Competent persons should perform daily inspections before use and all users should be properly trained. The davit bases are certified for use as anchorage tie-off points. The davit bases are not certified to use with davit arm assemblies.

This load test certification is valid for ten years from date listed above. This certificate also indicates that the annual inspection requirements have been met. Annual inspection is valid until July 15, 2025.

Carol Remes

Carol Remes, Inspections Manager

American Anchor, Inc.