

UNION COUNTY COURTHOUSE

2025 WINDOW REPLACEMENT

55 W Main Street Lake Butler, Florida



ADVANCE
COPY
NOT FOR CONSTRUCTION

MICHAEL P. RICHMOND
REGISTRATION # AR91268

Brame Heck
ARCHITECTS INC.
FOUNDED 1911

852.372.0425
608 NE First Street
Lake Butler, Florida 32054
FAX 852.372.0427

PROJECT TEAM



BOARD OF COUNTY COMMISSIONERS

Channing Dobbs, Chairman
Donna Jackson
Melissa McNeal
Mac Johns
Willie Croft

COUNTY ATTORNEY
Russ Wade

BUILDING CODE INFORMATION

FLORIDA BUILDING CODE, EIGHTH EDITION (2023)
FLORIDA BUILDING CODE, EXISTING BUILDING EIGHTH EDITION (2023)

TYPE OF CONSTRUCTION

TYPE V-B

CLASSIFICATION OF WORK

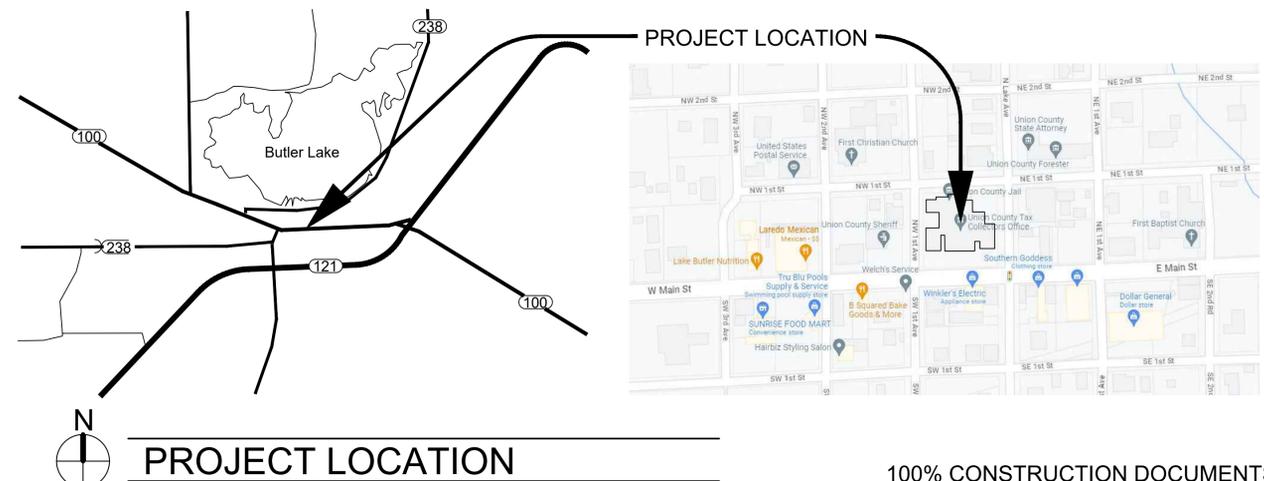
ALTERATION - LEVEL 1

OCCUPANCY CLASSIFICATION

WHOLE BUILDING: MIXED USE A-3
ASSEMBLY (COURTROOM) & B BUSINESS
WORK AREA: B BUSINESS

INDEX OF DRAWINGS

A0.0	COVER & SHEET INDEX
A1.1	FIRST FLOOR PLAN
A1.2	SECOND FLOOR PLAN
A2.1	BUILDING ELEVATIONS
A2.2	WINDOW SCHEDULE, ELEVATIONS, AND DETAILS
S0.1	GENERAL STRUCTURAL NOTES & WIND LOAD INFORMATION



PROJECT LOCATION

UNION COUNTY COURTHOUSE
2025 WINDOW REPLACEMENT
55 W MAIN STREET, LAKE BUTLER, FL 32054

COVER SHEET

DRAWN EW, MDF
CHECKED MF
DATE 03/13/24
CAD 7300.01010 Cad/ CD
UCCH-Cor

REVISIONS

FILE NO UC25110
SHEET

A0.0

FLOOR PLAN LEGEND	
	EXISTING WALLS TO REMAIN
	NON-HISTORIC BUILDING ADDITIONS. SCOPE TO INCLUDE BRICK TREATMENT ONLY
	WINDOW TAG - EXISTING WINDOW TO BE REPLACED
	CONSTRUCTION NOTE

SCOPE OF WORK

- CAREFULLY REMOVE THE EXISTING WOOD DOUBLE-HUNG WINDOWS IN THE ORIGINAL 1936 BUILDING AND REPLACE. THERE ARE TWENTY-FOUR (24) WINDOW OPENINGS IN THIS BUILDING TO BE REPLACED.
REPLACEMENT WINDOWS WILL BE FIXED ALUMINUM STOREFRONT WINDOWS. SEE SPECIFICATIONS.
EXISTING WINDOWS ARE TO BE DISPOSED OF IN A MANNER ACCEPTABLE TO THE OWNER AND AUTHORITIES HAVING JURISDICTION.
- CLEAN EXTERIOR BRICK THROUGHOUT THE WORK AREA. CLEANING MASONRY SURFACES ON THE ORIGINAL BUILDING MUST BE DONE WITH THE GENTLEST METHOD POSSIBLE SUCH AS LOW-PRESSURE WATER AND DETERGENTS, USING NATURAL BRISTLE BRUSHES. SEE SPECIFICATIONS.
- ALL EXPOSED AND DAMAGED OR DETERIORATED MORTAR JOINTS SHALL BE RAKED AND TUCK POINTED WITH MORTAR TO MATCH THE COLOR OF THE EXISTING. CONTRACTOR TO INCLUDE AN ALLOWANCE FOR RE-POINTING UP TO 10% OF THE EXTERIOR WALL SURFACES, INCLUDING THE ADDITIONS. SEE SPECIFICATIONS.

GENERAL NOTES

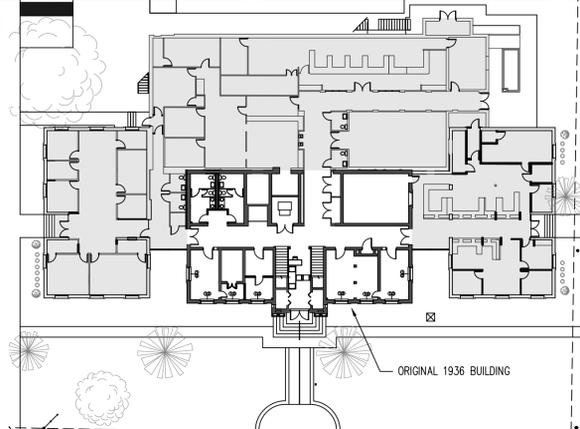
- CONTRACTOR SHALL PHYSICALLY REVIEW THE EXISTING BUILDING CONDITIONS, ALONG WITH THESE DOCUMENTS TO ENSURE A THOROUGH UNDERSTANDING OF THE PROJECT SCOPE.
- ROUGH DIMENSIONS ARE PROVIDED FOR THE PURPOSES OF ESTABLISHING THE PROJECT SCOPE (SEE WINDOW SCHEDULE). MINOR VARIATION IN OPENING SIZE EXISTS BETWEEN INDIVIDUAL OPENINGS. ROUGH OPENING DIMENSIONS ON THE WINDOW SCHEDULE WERE TAKEN ON THE BUILDING EXTERIOR FROM BRICK FACES AT JAMBS, AND TOP OF PRECAST STOOL TO STEEL ANGLE AT HEAD.
- SELECTIVE DEMOLITION OF THE EXISTING CONDITIONS HAS NOT BEEN PERFORMED, SO DETAILED MEASUREMENTS OF EXISTING WINDOW OPENINGS ARE NOT PROVIDED IN THESE DOCUMENTS. EXISTING WINDOWS ARE NOT OPERABLE - THE DESIGN TEAM HAS MADE ASSUMPTIONS REGARDING THE INTERIOR COMPOSITION AND DIMENSIONS OF EXISTING MASONRY, BLOCKING, AND PROFILES OF WINDOW STILES, RAILS, MUNTINS, CASINGS, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND MATCHING PROFILES OF EXISTING WINDOW COMPONENTS WITH NEW REPLACEMENT WINDOWS.
- REPLACEMENT WINDOWS ARE NOT REQUIRED TO BE OPERABLE.
- IT IS ASSUMED THAT THE PRECAST WINDOW STOOLS WILL REMAIN IN PLACE. THESE ARE TO BE CLEANED AND REPOINTED ALONG WITH THE EXTERIOR BRICK.
- IT IS ASSUMED THAT WALLS ARE MULTIPLE WYTHES OF BRICK MASONRY, AND THAT UNEXPOSED PORTIONS OF THE WALL ARE IN GOOD CONDITION.
- KEYED NOTES INDICATE REPAIR SCOPE. NOTES IN PHOTOGRAPHS ARE USED FOR ORIENTATION AND DOCUMENTATION OF EXISTING CONDITIONS. FIELD VERIFY ALL CONDITIONS.
- IMAGES ARE EXAMPLES OF THE EXISTING CONDITIONS. NOT ALL INSTANCES OF DAMAGE OR REQUIRED REPAIRS ARE SHOWN.
- NOT ALL DAMAGE TO THE MATERIALS IS INDICATED ON THE DOCUMENTS. THE REPAIR OF ALL DAMAGE PER WINDOW OPENING IS INCLUDED IN THE SCOPE OF THE WORK. BIDDERS SHALL INSPECT THE BUILDING TO IDENTIFY THE EXTENT OF DAMAGE TO THE EXISTING MATERIALS.
- REMOVE LOOSE PAINT AND DEBRIS ON AND AROUND THE INTERIOR AND EXTERIOR.
- ALL DIMENSIONS MUST BE FIELD VERIFIED.
- PROVIDE NEW WINDOW TREATMENTS. SEE SPECIFICATIONS.
- MAINTAIN WEATHERPROOF BUILDING ENVELOPE. MINIMIZE THE TIME OPENINGS ARE LEFT UNPROTECTED. IN NO CASE SHALL ANY OPENING BE LEFT UNPROTECTED OVERNIGHT.
- DURING CONSTRUCTION, ENSURE THAT ALL EXISTING CONDITIONS THAT ARE TO BE PRESERVED ARE ADEQUATELY PROTECTED FROM THE ELEMENTS. ANY DAMAGE INCURRED SHOULD BE PROMPTLY REPAIRED TO RESTORE EXISTING ASSEMBLIES TO THEIR ORIGINAL CONDITION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF ALL CURRENT CONDITIONS. ANY DISCREPANCIES ENCOUNTERED MUST BE RESOLVED OR CORRECTED BEFORE CONTINUING WORK.
- ALL WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE NOISE, DUST, AND DISTURBANCE TO THE OWNER.
- ALL SITES AREAS USED OR UTILIZED DURING THE PROJECT THAT ARE DAMAGED, INCLUDING LANDSCAPING, IRRIGATION SYSTEMS, ETC., ARE TO BE REPAIRED OR REPLACED AT THE END OF CONSTRUCTION.

DEMO & CONSTRUCTION KEYED NOTES

- CAREFULLY REMOVE THE EXISTING WOOD WINDOWS AND ALL ASSOCIATED TRIM ON THE EXTERIOR AND INTERIOR. DISCARD.
- REMOVE ALL EXISTING WINDOW BLINDS AND DISPOSE OF THEM PROPERLY.
- THE EXISTING JUNCTION BOX AND CONDUIT THAT GO TO THE SECURITY CAMERA AT THE FRONT DOOR ARE TO REMAIN IN SERVICE. REPLACE THE CONDUIT WITH STAINLESS STEEL.
- NOTE: GWB WAS ADDED OVER THE ORIGINAL PLASTER AT THIS WINDOW LOCATION. REMOVE IF NECESSARY DURING WINDOW RESTORATION AND REINSTALL IT ONCE THE WINDOW IS REPLACED BACK TO ITS CURRENT STATE.
- WINDOWS ARE NOT VISIBLE FROM THE INSIDE. REMOVE THE GWB PARTITION AT THE OPENINGS AS REQUIRED FOR THE REMOVAL AND REPLACEMENT OF THE WINDOW. AFTER THE WORK IS COMPLETED, REINSTALL OR PATCH THE EXISTING CONSTRUCTION AT THE OPENING BACK TO ITS ORIGINAL STATE.

ABBREVIATIONS

APC	ACOUSTICAL PANEL CEILING
ETC	ETCETERA
FT	FOOT/FEET
F.V.	FIELD VERIFY
GL	GLASS
GWB	GYPSUM WALLBOARD
HGT	HEIGHT
STL	STEEL
SQ.	SQUARE
TYP	TYPICAL
W/	WITH
WD	WOOD

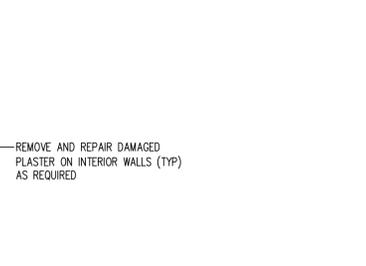


KEYPLAN
8B
A1.1
NOT TO SCALE

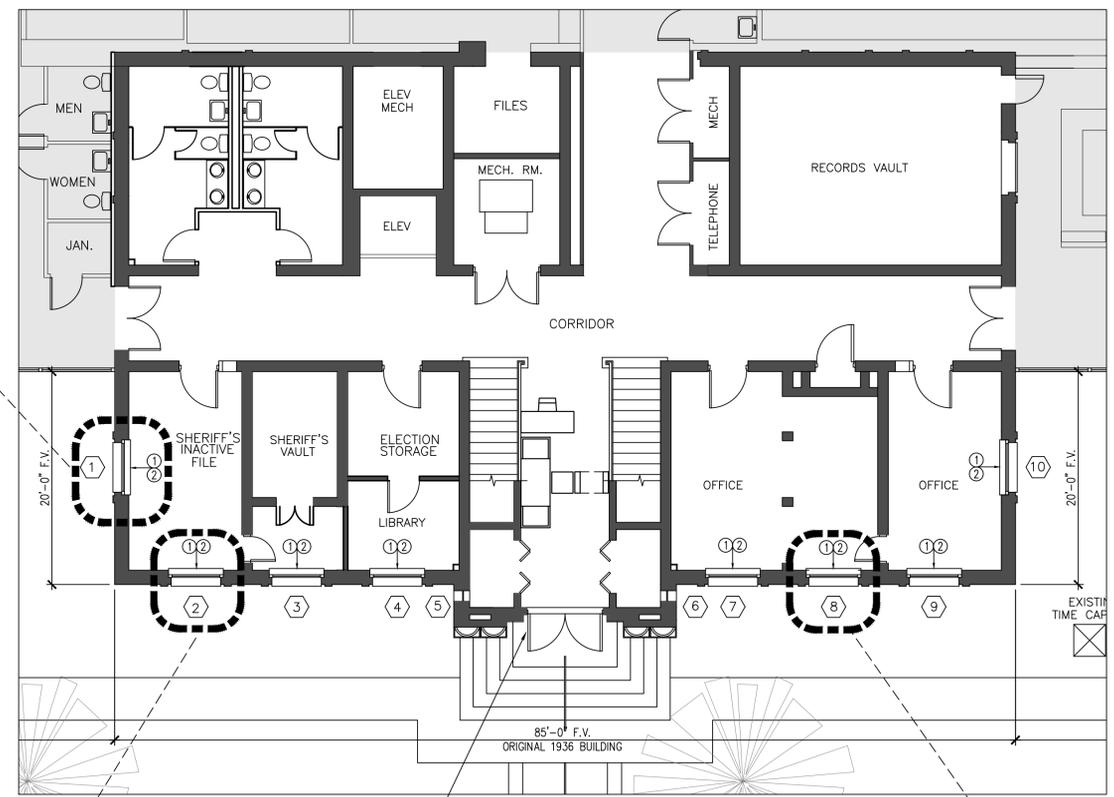
ADVANCE COPY
NOT FOR CONSTRUCTION

MICHAEL P. RICHMOND
REGISTRATION # AR91268

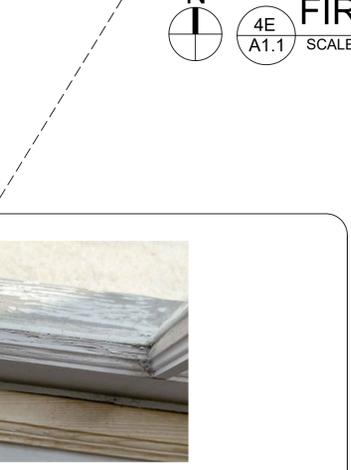
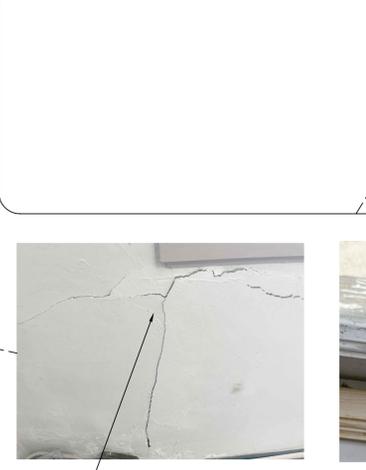
352.372.0425
352.372.0427
www.jrarchitect.com



REMOVE AND REPAIR DAMAGED PLASTER ON INTERIOR WALLS (TYP) AS REQUIRED



FIRST FLOOR PLAN
4E
A1.1
SCALE: 1/8" = 1'-0"



REMOVE AND REPAIR DAMAGED PLASTER ON INTERIOR WALLS (TYP) AS REQUIRED



INTERIOR PHOTOS OF WINDOW 8



CEILINGS IN SPACES HAVE BEEN LOWERED, AND A BULKHEAD ADDED TO THE WINDOW OPENING AT THE UPPER TWO PANES OF GLASS. (TYP IN 1ST FLOOR WINDOWS)
REMOVE AND REPLACE ALL WINDOW BLINDS (TYP)

INTERIOR PHOTOS OF WINDOW 1

INTERIOR PHOTOS OF WINDOW 2

UNION COUNTY COURTHOUSE
2025 WINDOW REPLACEMENT
55 W MAIN STREET, LAKE BUTLER, FL 32054

FIRST FLOOR PLAN

DRAWN EW, MDR
CHECKED MR
DATE 03/13/26
CAD 7300.010/10 Cad/ CD/
UCCH-A1-FLOORPLANS

FILE NO. UC251102

S H E E T
A1.1

FLOOR PLAN LEGEND	
	EXISTING WALLS TO REMAIN
	NON-HISTORIC BUILDING ADDITIONS. SCOPE TO INCLUDE BRICK TREATMENT ONLY
	WINDOW TAG - EXISTING WINDOW TO BE REPLACED
	CONSTRUCTION NOTE

SCOPE OF WORK

- CAREFULLY REMOVE THE EXISTING WOOD DOUBLE-HUNG WINDOWS IN THE ORIGINAL 1936 BUILDING AND REPLACE. THERE ARE TWENTY-FOUR (24) WINDOW OPENINGS IN THIS BUILDING TO BE REPLACED.
REPLACEMENT WINDOWS WILL BE FIXED ALUMINUM STOREFRONT WINDOWS. SEE SPECIFICATIONS.
EXISTING WINDOWS ARE TO BE DISPOSED OF IN A MANNER ACCEPTABLE TO THE OWNER AND AUTHORITIES HAVING JURISDICTION.
- CLEAN EXTERIOR BRICK THROUGHOUT THE WORK AREA. CLEANING MASONRY SURFACES ON THE ORIGINAL BUILDING MUST BE DONE WITH THE GENTLEST METHOD POSSIBLE SUCH AS LOW-PRESSURE WATER AND DETERGENTS, USING NATURAL BRISTLE BRUSHES. SEE SPECIFICATIONS.
- ALL EXPOSED AND DAMAGED OR DETERIORATED MORTAR JOINTS SHALL BE RAKED AND TUCK POINTED WITH MORTAR TO MATCH THE COLOR OF THE EXISTING. CONTRACTOR TO INCLUDE AN ALLOWANCE FOR RE-POINTING UP TO 10% OF THE EXTERIOR WALL SURFACES, INCLUDING THE ADDITIONS. SEE SPECIFICATIONS.

GENERAL NOTES

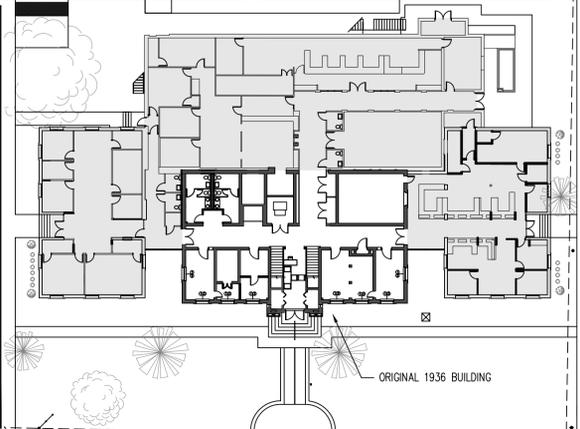
- CONTRACTOR SHALL PHYSICALLY REVIEW THE EXISTING BUILDING CONDITIONS, ALONG WITH THESE DOCUMENTS TO ENSURE A THOROUGH UNDERSTANDING OF THE PROJECT SCOPE.
- ROUGH DIMENSIONS ARE PROVIDED FOR THE PURPOSES OF ESTABLISHING THE PROJECT SCOPE (SEE WINDOW SCHEDULE). MINOR VARIATION IN OPENING SIZE EXISTS BETWEEN INDIVIDUAL OPENINGS. ROUGH OPENING DIMENSIONS ON THE WINDOW SCHEDULE WERE TAKEN ON THE BUILDING EXTERIOR FROM BRICK FACES AT JAMBS, AND TOP OF PRECAST STOOL TO STEEL ANGLE AT HEAD.
- SELECTIVE DEMOLITION OF THE EXISTING CONDITIONS HAS NOT BEEN PERFORMED, SO DETAILED MEASUREMENTS OF EXISTING WINDOW OPENINGS ARE NOT PROVIDED IN THESE DOCUMENTS. EXISTING WINDOWS ARE NOT OPERABLE- THE DESIGN TEAM HAS MADE ASSUMPTIONS REGARDING THE INTERIOR COMPOSITION AND DIMENSIONS OF EXISTING MASONRY, BLOCKING, AND PROFILES OF WINDOW STILES, RAILS, MUNTINS, CASINGS, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND MATCHING PROFILES OF EXISTING WINDOW COMPONENTS WITH NEW REPLACEMENT WINDOWS.
- REPLACEMENT WINDOWS ARE NOT REQUIRED TO BE OPERABLE.
- IT IS ASSUMED THAT THE PRECAST WINDOW STOOLS WILL REMAIN IN PLACE. THESE ARE TO BE CLEANED AND REPOINTED ALONG WITH THE EXTERIOR BRICK.
- IT IS ASSUMED THAT WALLS ARE MULTIPLE WYTHES OF BRICK MASONRY, AND THAT UNEXPOSED PORTIONS OF THE WALL ARE IN GOOD CONDITION.
- KEYED NOTES INDICATE REPAIR SCOPE. NOTES IN PHOTOGRAPHS ARE USED FOR ORIENTATION AND DOCUMENTATION OF EXISTING CONDITIONS. FIELD VERIFY ALL CONDITIONS.
- IMAGES ARE EXAMPLES OF THE EXISTING CONDITIONS. NOT ALL INSTANCES OF DAMAGE OR REQUIRED REPAIRS ARE SHOWN.
- NOT ALL DAMAGE TO THE MATERIALS IS INDICATED ON THE DOCUMENTS. THE REPAIR OF ALL DAMAGE PER WINDOW OPENING IS INCLUDED IN THE SCOPE OF THE WORK. BIDDERS SHALL INSPECT THE BUILDING TO IDENTIFY THE EXTENT OF DAMAGE TO THE EXISTING MATERIALS.
- REMOVE LOOSE PAINT AND DEBRIS ON AND AROUND THE INTERIOR AND EXTERIOR.
- ALL DIMENSIONS MUST BE FIELD VERIFIED.
- PROVIDE NEW WINDOW TREATMENTS. SEE SPECIFICATIONS.
- MAINTAIN WEATHERPROOF BUILDING ENVELOPE. MINIMIZE THE TIME OPENINGS ARE LEFT UNPROTECTED. IN NO CASE SHALL ANY OPENING BE LEFT UNPROTECTED OVERNIGHT.
- DURING CONSTRUCTION, ENSURE THAT ALL EXISTING CONDITIONS THAT ARE TO BE PRESERVED ARE ADEQUATELY PROTECTED FROM THE ELEMENTS. ANY DAMAGE INCURRED SHOULD BE PROMPTLY REPAIRED TO RESTORE EXISTING ASSEMBLIES TO THEIR ORIGINAL CONDITION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF ALL CURRENT CONDITIONS. ANY DISCREPANCIES ENCOUNTERED MUST BE RESOLVED OR CORRECTED BEFORE CONTINUING WORK.
- ALL WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE NOISE, DUST, AND DISTURBANCE TO THE OWNER.
- ALL SITES AREAS USED OR UTILIZED DURING THE PROJECT THAT ARE DAMAGED, INCLUDING LANDSCAPING, IRRIGATION SYSTEMS, ETC., ARE TO BE REPAIRED OR REPLACED AT THE END OF CONSTRUCTION.

DEMO & CONSTRUCTION KEYED NOTES

- CAREFULLY REMOVE THE EXISTING WOOD WINDOWS AND ALL ASSOCIATED TRIM ON THE EXTERIOR AND INTERIOR. DISCARD.
- REMOVE ALL EXISTING WINDOW BLINDS AND DISPOSE OF THEM PROPERLY.
- THE EXISTING JUNCTION BOX AND CONDUIT THAT GO TO THE SECURITY CAMERA AT THE FRONT DOOR ARE TO REMAIN IN SERVICE. REPLACE THE CONDUIT WITH STAINLESS STEEL.
- NOTE: GWB WAS ADDED OVER THE ORIGINAL PLASTER AT THIS WINDOW LOCATION. REMOVE IF NECESSARY DURING WINDOW RESTORATION AND REINSTALL IT ONCE THE WINDOW IS REPLACED BACK TO ITS CURRENT STATE.
- WINDOWS ARE NOT VISIBLE FROM THE INSIDE. REMOVE THE GWB PARTITION AT THE OPENINGS AS REQUIRED FOR THE REMOVAL AND REPLACEMENT OF THE WINDOW. AFTER THE WORK IS COMPLETED, REINSTALL OR PATCH THE EXISTING CONSTRUCTION AT THE OPENING BACK TO ITS ORIGINAL STATE.

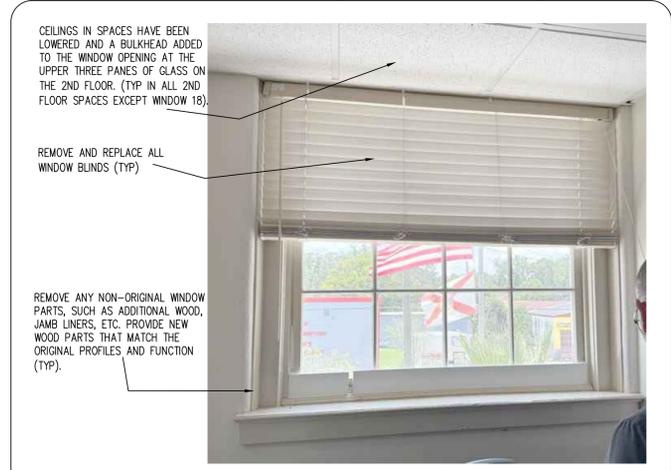
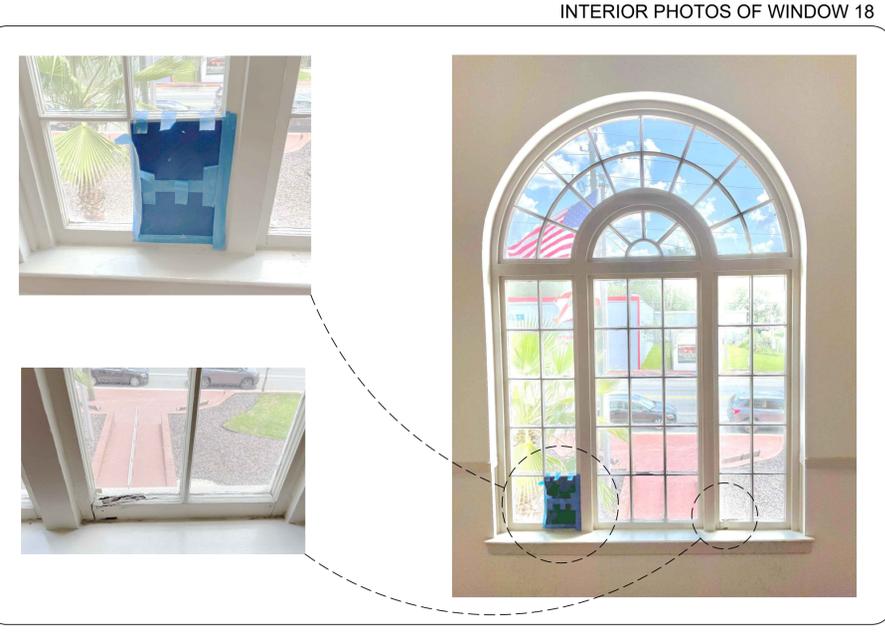
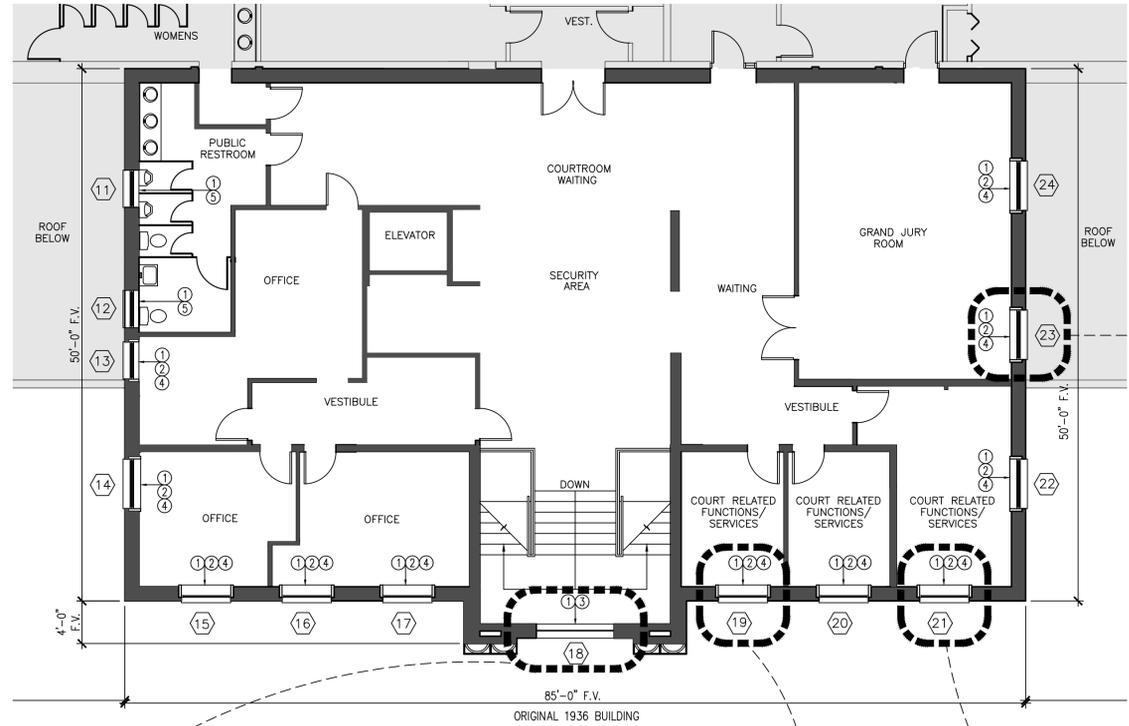
ABBREVIATIONS

APC	ACOUSTICAL PANEL CEILING
ETC	ETC/ETERA
FT	FOOT/FEET
F.V.	FIELD VERIFY
GL	GLASS
GWB	GYPHUM WALLBOARD
HGT	HEIGHT
STL	STEEL
SQ	SQUARE
TYP	TYPICAL
W/W	WITH WOOD



ADVANCE COPY
NOT FOR CONSTRUCTION

MICHAEL P. RICHMOND
REGISTRATION # AR91268



606 N.E. First Street
Gainesville, Florida 32601
www.unionmcc.com
352.372.0425
FAX: 352.372.0427



UNION COUNTY COURTHOUSE
2025 WINDOW REPLACEMENT
55 W MAIN STREET, LAKE BUTLER, FL 32054

SECOND FLOOR PLAN

DRAWN EW, MDR
CHECKED MR
DATE 03/13/26
CAD 7300.010/10 Cad/ CD/
DD/EHS-GymReno-A1.1
REVISIONS

FILE NO. UC251102
SHEET

A1.2

FLOOR PLAN LEGEND

- EXISTING WALLS TO REMAIN
- NON-HISTORIC BUILDING ADDITIONS. SCOPE TO INCLUDE BRICK TREATMENT ONLY
- WINDOW TAG - EXISTING WINDOW TO BE REPLACED
- CONSTRUCTION NOTE

SCOPE OF WORK

1. CAREFULLY REMOVE THE EXISTING WOOD DOUBLE-HUNG WINDOWS IN THE ORIGINAL 1936 BUILDING AND REPLACE. THERE ARE TWENTY-FOUR (24) WINDOW OPENINGS IN THIS BUILDING TO BE REPLACED.
REPLACEMENT WINDOWS WILL BE FIXED ALUMINUM STOREFRONT WINDOWS. SEE SPECIFICATIONS.
2. CLEAN EXTERIOR BRICK THROUGHOUT THE WORK AREA. CLEANING MASONRY SURFACES ON THE ORIGINAL BUILDING MUST BE DONE WITH THE GENTLEST METHOD POSSIBLE SUCH AS LOW-PRESSURE WATER AND DETERGENTS, USING NATURAL BRISTLE BRUSHES. SEE SPECIFICATIONS.
3. ALL EXPOSED AND DAMAGED OR DETERIORATED MORTAR JOINTS SHALL BE RAKED AND TUCK POINTED WITH MORTAR TO MATCH THE COLOR OF THE EXISTING. CONTRACTOR TO INCLUDE AN ALLOWANCE FOR RE-POINTING UP TO 10% OF THE EXTERIOR WALL SURFACES, INCLUDING THE ADDITIONS. SEE SPECIFICATIONS.

GENERAL NOTES

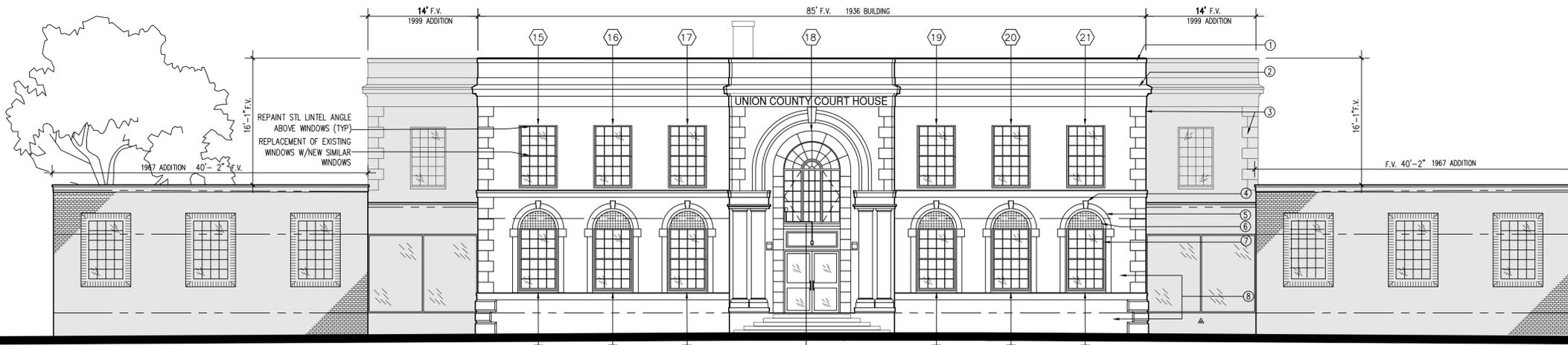
1. CONTRACTOR SHALL PHYSICALLY REVIEW THE EXISTING BUILDING CONDITIONS, ALONG WITH THESE DOCUMENTS TO ENSURE A THOROUGH UNDERSTANDING OF THE PROJECT SCOPE.
2. ROUGH DIMENSIONS ARE PROVIDED FOR THE PURPOSES OF ESTABLISHING THE PROJECT SCOPE (SEE WINDOW SCHEDULE). MINOR VARIATION IN OPENING SIZE EXISTS BETWEEN INDIVIDUAL OPENINGS. ROUGH OPENING DIMENSIONS ON THE WINDOW SCHEDULE WERE TAKEN ON THE BUILDING EXTERIOR FROM BRICK FACES AT JAMBS, AND TOP OF PRECAST STOOL TO STEEL ANGLE AT HEAD.
3. SELECTIVE DEMOLITION OF THE EXISTING CONDITIONS HAS NOT BEEN PERFORMED, SO DETAILED MEASUREMENTS OF EXISTING WINDOW OPENINGS ARE NOT PROVIDED IN THESE DOCUMENTS. EXISTING WINDOWS ARE NOT OPERABLE - THE DESIGN TEAM HAS MADE ASSUMPTIONS REGARDING THE INTERIOR COMPOSITION AND DIMENSIONS OF EXISTING

KEYED NOTES

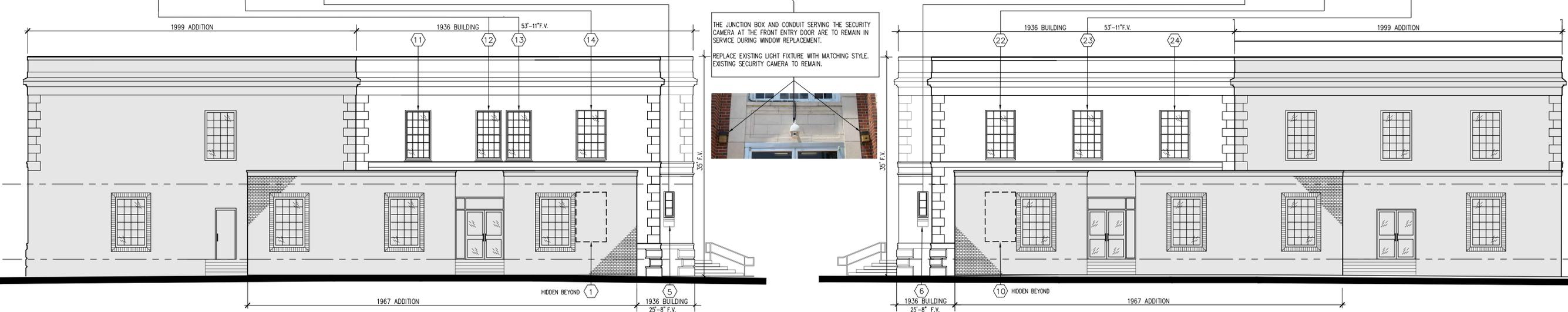
1. MASONRY, BLOCKING, AND PROFILES OF WINDOW SILES, RAILS, MUNTINS, CASINGS, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND MATCHING PROFILES OF EXISTING WINDOW COMPONENTS WITH NEW REPLACEMENT WINDOWS.
2. REPLACEMENT WINDOWS ARE NOT OPERABLE.
3. IT IS ASSUMED THAT THE PRECAST WINDOW STOOLS WILL REMAIN IN PLACE. THESE ARE TO BE CLEANED AND REPOINTED ALONG WITH THE EXTERIOR BRICK.
4. IT IS ASSUMED THAT WALLS ARE MULTIPLE WYTHES OF BRICK MASONRY, AND THAT UNEXPOSED PORTIONS OF THE WALL ARE IN GOOD CONDITION.
5. KEYED NOTES INDICATE REPAIR SCOPE. NOTES IN PHOTOGRAPHS ARE USED FOR ORIENTATION AND DOCUMENTATION OF EXISTING CONDITIONS. FIELD VERIFY ALL CONDITIONS.
6. IMAGES ARE EXAMPLES OF THE EXISTING CONDITIONS. NOT ALL INSTANCES OF DAMAGE OR REQUIRED REPAIRS ARE SHOWN.
7. NOT ALL DAMAGE TO THE MATERIALS IS INDICATED ON THE DOCUMENTS. THE REPAIR OF ALL DAMAGE PER WINDOW OPENING IS INCLUDED IN THE SCOPE OF THE WORK. BIDDERS SHALL INSPECT THE BUILDING TO IDENTIFY THE EXTENT OF DAMAGE TO THE EXISTING MATERIALS.
8. REMOVE LOOSE PAINT AND DEBRIS ON AND AROUND THE INTERIOR AND EXTERIOR.
9. ALL DIMENSIONS MUST BE FIELD VERIFIED.
10. PROVIDE NEW WINDOW TREATMENTS. SEE SPECIFICATIONS.
11. MAINTAIN WEATHERPROOF BUILDING ENVELOPE. MINIMIZE THE TIME OPENINGS ARE LEFT UNPROTECTED. IN NO CASE SHALL ANY OPENING BE LEFT UNPROTECTED OVERNIGHT.
12. ENSURE THAT ALL EXISTING CONDITIONS ARE ADEQUATELY PROTECTED FROM THE ELEMENTS DURING CONSTRUCTION. ANY DAMAGE SHOULD BE PROMPTLY REPAIRED TO RESTORE EXISTING ASSEMBLIES TO THEIR ORIGINAL CONDITION.
13. THE CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF ALL EXISTING CONDITIONS. ANY DISCREPANCIES ENCOUNTERED MUST BE RESOLVED OR CORRECTED BEFORE CONTINUING WORK.
14. ALL WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE NOISE, DUST, AND DISTURBANCE TO THE OWNER.
15. ALL SITES AREAS USED OR UTILIZED DURING THE PROJECT THAT ARE DAMAGED, INCLUDING LANDSCAPING, IRRIGATION SYSTEMS, ETC., ARE TO BE REPAIRED OR REPLACED AT THE END OF CONSTRUCTION.

KEYED NOTES

1. STONE PARAPET COPING CAP
2. STONE CORNICE BAND
3. STONE CORNER QUONS
4. STONE KEYSTONE
5. BRICK STACKED STRETCHER
6. CHECKER BOARD BRICK PATTERN
7. STONE SILL AND APRON
8. FLEMISH BRICK PATTERN ON BUILDING FACADE (TYP)



1C SOUTH ELEVATION - FRONT
A2.1 SCALE: 1/8" = 1'-0"



1G WEST ELEVATION
A2.1 SCALE: 1/8" = 1'-0"

5G EAST ELEVATION
A2.1 SCALE: 1/8" = 1'-0"

ADVANCE COPY
NOT FOR CONSTRUCTION

MICHAEL P. RICHMOND
REGISTRATION # AR91268

806 N.E. First Street
Gainesville, Florida 32601
352.372.0425
FAX: 352.372.0427
www.jrarchitect.com



UNION COUNTY COURTHOUSE
2025 WINDOW REPLACEMENT
55 W MAIN STREET, LAKE BUTLER, FL 32054

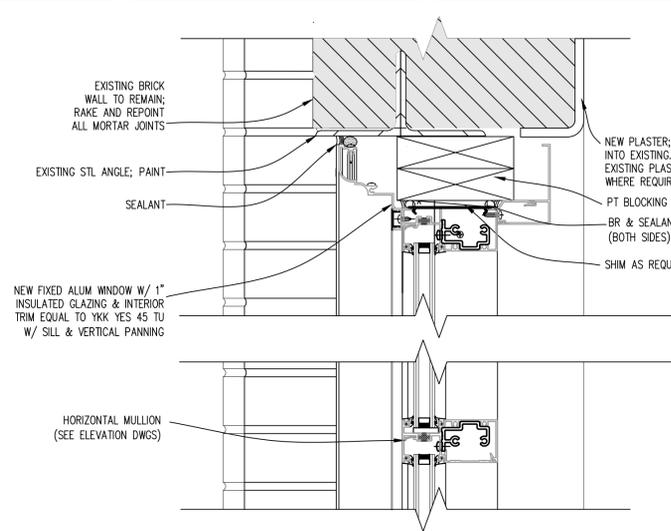
BUILDING ELEVATIONS

DRAWN EW, MDR
CHECKED MR
DATE 03/13/26
CAD 7300.010/10 Cad/ CD/
UCCH-A2-Elevs

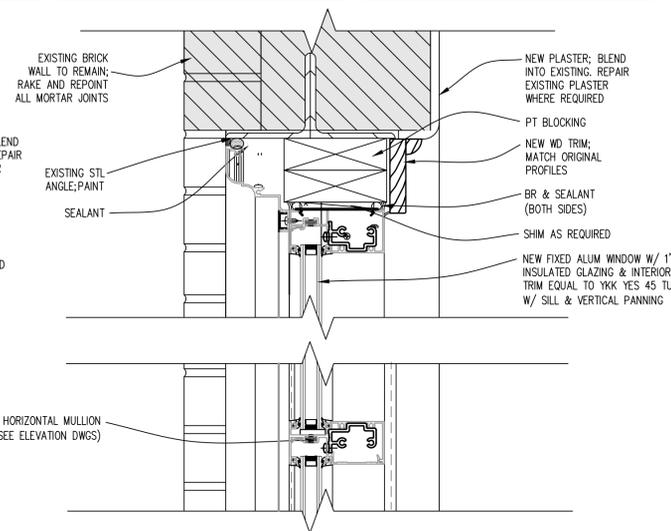
REVISIONS

FILE NO. UC251102
S H E E T

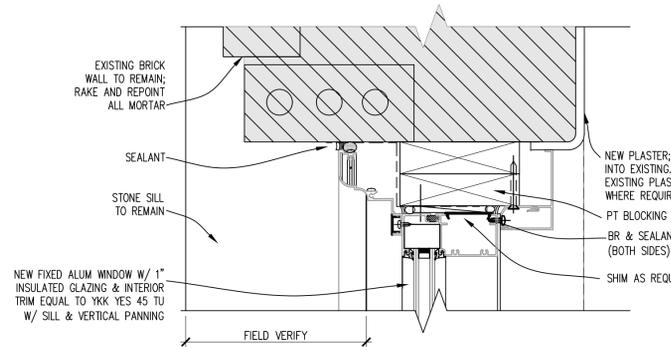
A2.1



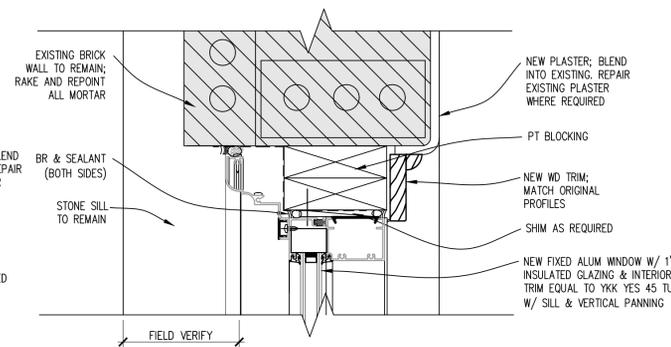
1B
A2.2
1ST FLOOR WINDOW HEAD DETAIL
SCALE: 3" = 1'-0"



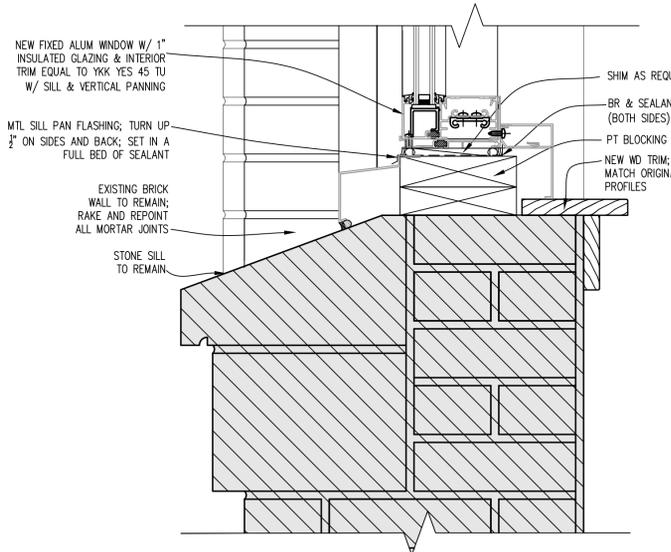
3B
A2.2
2ND FLOOR WINDOW HEAD DETAIL
SCALE: 3" = 1'-0"



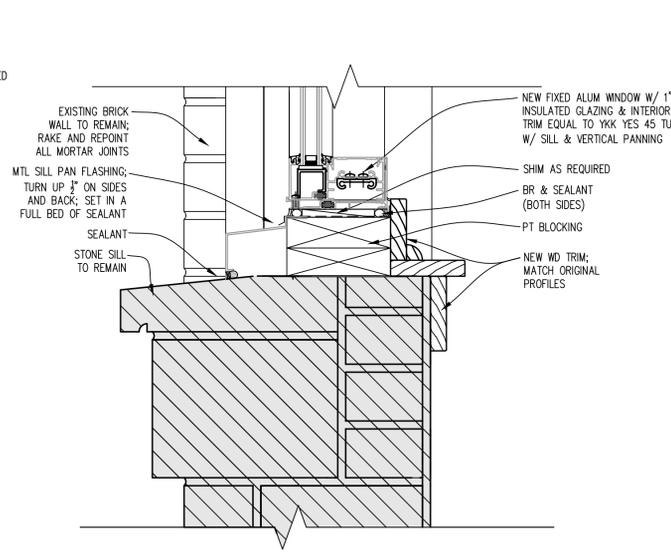
1D
A2.2
1ST FLOOR WINDOW JAMB DETAIL
SCALE: 1/2" = 1'-0"



3D
A2.2
2ND FLOOR WINDOW JAMB DETAIL
SCALE: 1/2" = 1'-0"



1G
A2.2
1ST FLOOR WINDOW SILL DETAIL
SCALE: 1/2" = 1'-0"



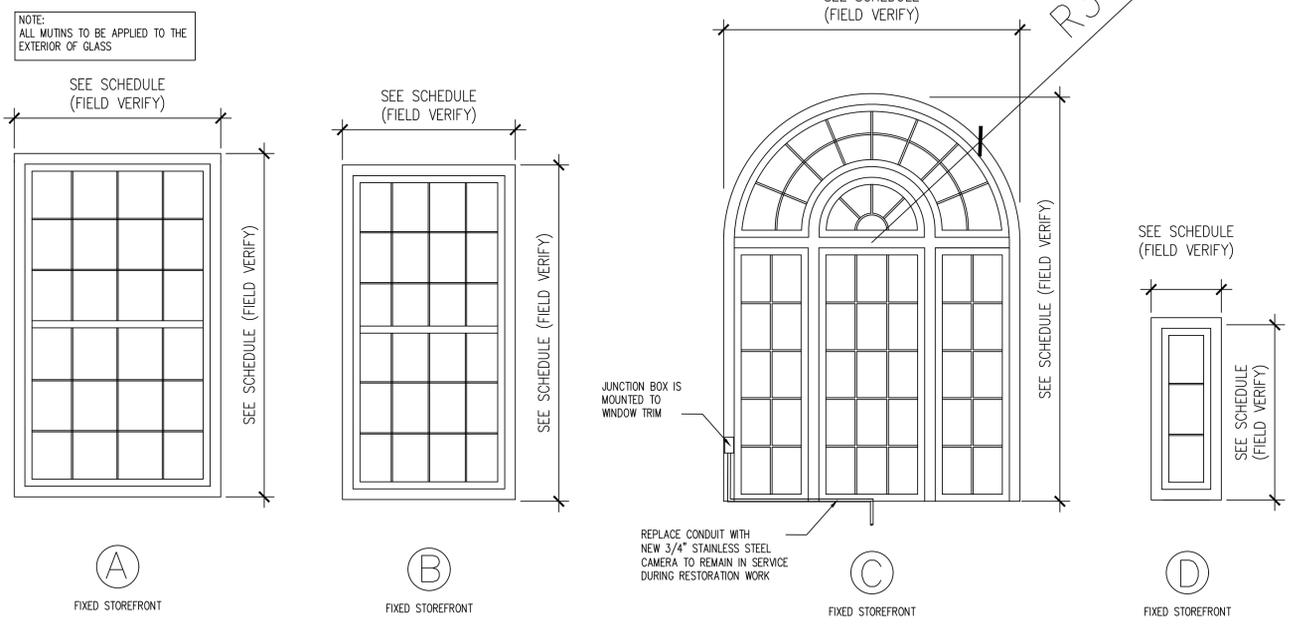
3G
A2.2
2ND FLOOR WINDOW SILL DETAIL
SCALE: 1/2" = 1'-0"

WINDOW SCHEDULE

MARK	SIZE		WINDOW		DETAILS			REMARKS
	WIDTH	HEIGHT	MAT'L	TYPE	HEAD	JAMB	SILL	
1	56"	96"	WD	A	1B/A2.2	1D/A2.2	1G/A2.2	
2	56"	96"	WD	A	1B/A2.2	1D/A2.2	1G/A2.2	
3	56"	96"	WD	A	1B/A2.2	1D/A2.2	1G/A2.2	
4	56"	96"	WD	A	1B/A2.2	1D/A2.2	1G/A2.2	INTERIOR GWB OVER ORIGINAL PLASTER WALL SURFACE
5	15.5"	41"	WD	D	SIM 1B/A2.2	SIM 1D/A2.2	SIM 1G/A2.2	
6	15.5"	41"	WD	D	SIM 1B/A2.2	SIM 1D/A2.2	SIM 1G/A2.2	
7	56"	96"	WD	A	1B/A2.2	1D/A2.2	1G/A2.2	
8	56"	96"	WD	A	1B/A2.2	1D/A2.2	1G/A2.2	
9	56"	96"	WD	A	1B/A2.2	1D/A2.2	1G/A2.2	
10	56"	96"	WD	A	1B/A2.2	1D/A2.2	1G/A2.2	
11	48"	96"	WD	B	1B/A2.2	1D/A2.2	1G/A2.2	
12	48"	96"	WD	B	3B/A2.2	3D/A2.2	3G/A2.2	
13	48"	96"	WD	B	3B/A2.2	3D/A2.2	3G/A2.2	
14	56"	96"	WD	A	3B/A2.2	3D/A2.2	3G/A2.2	
15	56"	96"	WD	A	3B/A2.2	3D/A2.2	3G/A2.2	
16	56"	96"	WD	A	3B/A2.2	3D/A2.2	3G/A2.2	
17	56"	96"	WD	A	3B/A2.2	3D/A2.2	3G/A2.2	
18	83"	114"	WD	C				INTERIOR GWB OVER ORIGINAL PLASTER WALL SURFACE
19	56"	96"	WD	A	3B/A2.2	3D/A2.2	3G/A2.2	
20	56"	96"	WD	A	3B/A2.2	3D/A2.2	3G/A2.2	
21	56"	96"	WD	A	3B/A2.2	3D/A2.2	3G/A2.2	
22	56"	96"	WD	A	3B/A2.2	3D/A2.2	3G/A2.2	INTERIOR GWB OVER ORIGINAL PLASTER WALL SURFACE
23	56"	96"	WD	A	3B/A2.2	3D/A2.2	3G/A2.2	INTERIOR GWB OVER ORIGINAL PLASTER WALL SURFACE
24	56"	96"	WD	A	3B/A2.2	3D/A2.2	3G/A2.2	INTERIOR GWB OVER ORIGINAL PLASTER WALL SURFACE

ABBREVIATIONS:
 WD - WOOD
 WD/GL - WOOD GLASS
 GWB - GYPSUM WALL BOARD

GENERAL NOTES:
 A. REPLACE WINDOWS WITH FIXED WINDOW EQUAL TO YKK YFW 400 TU.
 B. REPAIR ANY DAMAGE PLASTER WORK FROM THE REMOVAL OF OR REPLACEMENT OF WINDOW.
 C. ALL DIMENSIONS SHOULD BE FIELD VERIFIED.
 D. MUTINS TO BE APPLIED ON EXTERIOR OF GLASS.



5G
A2.2
WINDOW ELEVATIONS
SCALE: 1/2" = 1'-0"

ADVANCE COPY
NOT FOR CONSTRUCTION

MICHAEL P. RICHMOND
REGISTRATION # AR1268

352.372.0425
FAX: 352.372.0427
www.unimack.com



UNION COUNTY COURTHOUSE
2025 WINDOW REPLACEMENT
55 W MAIN STREET, LAKE BUTLER, FL 32054

WINDOW SCHEDULE, ELEVATIONS & DETAILS

DRAWN: EW, MDR
 CHECKED: MR
 DATE: 03/13/26
 CAD: 7300.010/10 Cad/ CD/
 UCCH-A2-Elevs

REVISIONS

FILE NO. UC251102
SHEET

A2.2

GENERAL STRUCTURAL NOTES

GENERAL REQUIREMENTS:

- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE SPECIFICATIONS AND OTHER PROJECT DRAWINGS BY OTHER DISCIPLINES. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CODES LISTED BELOW.
- THE GENERAL CONTRACTOR SHALL COMPARE AND COORDINATE THE CONSTRUCTION DOCUMENTS OF ALL DISCIPLINES PRIOR TO SUBMITTAL OF SHOP DRAWINGS OR BEGINNING CONSTRUCTION IN THE AFFECTED AREAS. THIS COMPARISON/COORDINATION SHALL INCLUDE, BUT NOT BE LIMITED TO, DIMENSIONS, EVALUATIONS, EMBEDDED ITEMS, ANCHORED OR OTHERWISE SUPPORTED ITEMS, FLOOR, ROOF, AND WALL OPENINGS, ETC. NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES ALONG WITH THE APPLICABLE DOCUMENT REFERENCES.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS RELATING TO EXISTING CONDITIONS BY MAKING FIELD SURVEYS AND MEASUREMENTS PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION METHODS USED WILL NOT CAUSE DAMAGE TO ADJACENT BUILDINGS, UTILITIES, OR OTHER PROPERTY. THIS REQUIREMENT IS PARTICULARLY IMPORTANT DURING FOUNDATION INSTALLATION.
- THE GENERAL CONTRACTOR IS ADVISED TO CONSIDER PERFORMING PHOTOGRAPHIC SURVEYS AND OTHER DOCUMENTATION OF THE CONDITION OF ADJACENT BUILDINGS AND OTHER STRUCTURES BEFORE THE START OF CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL OBTAIN COPIES OF THE LATEST CONTRACT DOCUMENTS, INCLUDING ADDENDA, AND PROVIDE THE RELEVANT PORTIONS TO ALL SUB-CONTRACTORS AND SUPPLIERS PRIOR TO PREPARATION AND SUBMITTAL OF SHOP DRAWINGS AND FABRICATION AND ERECTION OF STRUCTURAL MEMBERS.
- DELEGATED ENGINEER REQUIREMENTS: THE FLORIDA BOARD OF PROFESSIONAL ENGINEERS HAS ISSUED STATEMENTS ON RESPONSIBILITIES OF PROFESSIONAL ENGINEERS, PURSUANT TO CHAPTERS 61G15-30 AND 61G15-31 OF THE FLORIDA ADMINISTRATIVE CODE. CERTAIN COMPONENTS OF THE STRUCTURE REQUIRE THE WORK OF DELEGATED ENGINEERS FOR THE DESIGN OF THOSE COMPONENTS. ALL RELEVANT PROCEDURES PRESENTED IN THE FLORIDA ADMINISTRATIVE CODE SHALL APPLY TO THIS PROJECT.
- NO STRUCTURAL MEMBER SHALL BE CUT OR NOTCHED OR OTHERWISE REDUCED IN STRENGTH UNLESS APPROVED BY THE STRUCTURAL ENGINEER.

CONSTRUCTION RESPONSIBILITY:

- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE COMPLETED STRUCTURE, AND ARE NOT INTENDED TO INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCES, AND FOR JOB SAFETY.
- THE ENGINEER DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION METHODS, TECHNIQUES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- PERIODIC SITE OBSERVATION VISITS MAY BE PROVIDED BY THE STRUCTURAL ENGINEER. THE SOLE PURPOSE OF THESE OBSERVATIONS IS TO REVIEW THE GENERAL CONFORMANCE OF THE CONSTRUCTION WITH THE STRUCTURAL CONTRACT DOCUMENTS. THESE LIMITED OBSERVATIONS SHOULD NOT BE CONSTRUED AS CONTINUOUS OR EXHAUSTIVE TO VERIFY THAT ALL CONSTRUCTION IS IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL WORK IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.

PRIMARY CODES AND SPECIFICATIONS:

- GENERAL BUILDING CODE:
 - FLORIDA BUILDING CODE - BUILDING, EIGHTH EDITION, 2023.
 - FLORIDA BUILDING CODE - EXISTING, EIGHTH EDITION, 2023.
- DESIGN LOADS:
 - ASCE 7-22 MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES.
- STRUCTURAL STEEL CODES:
 - AISC 360-22 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.
 - AISC 309-22 CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
- TIMBER:
 - AWC NDS-2018 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION WITH 2018 NDS SUPPLEMENT.
 - AWC SDPWS-2021 SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC.

BUILDING MAINTENANCE

- THE BUILDING OWNER SHALL BE AWARE THAT ALL BUILDINGS AND STRUCTURES REQUIRE ROUTINE AND PERIODIC MAINTENANCE. THIS MAINTENANCE IS ESPECIALLY IMPORTANT FOR ALL ELEMENTS EXPOSED TO THE ATMOSPHERE, SALT ENVIRONMENTS OR HARSH CHEMICALS. THE OWNER SHALL ESTABLISH A MAINTENANCE PROGRAM IN ORDER TO PREVENT DAMAGE TO THE STRUCTURE WHICH WILL SHORTEN THE LIFESPAN. ROUTINE MAINTENANCE ITEMS WOULD INCLUDE CLEANING, PAINTING, PRESSURE WASHING, SEALANT REPLACEMENT AND REPAIR OF ANY CRACKED OR SPALLED CONCRETE.

DESIGN LOADS:

- SUPERIMPOSED DEAD LOADS:
 - ROOFS: N/A
 - FLOORS: N/A
- LIVE LOADS:
 - ROOF LIVE LOADS: N/A
 - UNIFORMLY DISTRIBUTED FLOOR LIVE LOADS: N/A
- WIND LOADS:
 - ULTIMATE DESIGN WIND SPEED, 3 SECOND GUST, V_{ult} 130 MPH
 NOMINAL DESIGN WIND SPEED, 3 SECOND GUST, V_{asd} 101 MPH
 TORNADO DESIGN WIND SPEED, V_t 50 MPH
 HURRICANE PRONE REGION..... YES
 WINDBORNE DEBRIS REGION..... NO
 EFFECTIVE WIND AREA (A_e)..... 10,000 SQ FT
 BUILDING RISK CATEGORY..... III
 WIND EXPOSURE CATEGORY..... C
 WIND TOPOGRAPHIC FACTOR (K_{zt})..... 1.0
 ENCLOSURE CATEGORY..... ENCLOSED
 INTERNAL PRESSURE COEFFICIENT..... +/- 0.18
 MEAN ROOF HEIGHT..... 35 FEET
 WIND DIRECTIONALITY FACTOR, K_d 0.85
 VELOCITY PRESSURE COEFFICIENT (K_h)..... 1.00
 ULTIMATE VELOCITY PRESSURE ($q_h[ult]$)..... 44 PSF
 NOMINAL VELOCITY PRESSURE ($q_h[nom]$)..... 26 PSF
 - SEE LOADING NOTES, TABLES AND DIAGRAMS FOR DESIGN FORCES FOR COMPONENTS DESIGNED BY DELEGATED ENGINEERS.
- SEISMIC: EXEMPT PER EXCEPTION 2 OF FLORIDA BUILDING CODE SECTION 101.2.
- GROUND SNOW LOADS: EXEMPT PER EXCEPTION 2 OF FLORIDA BUILDING CODE SECTION 101.2.
- RAIN LOADS:
 - RAIN LOAD..... N/A
 - RAIN INTENSITY - 100 YEAR PER NOAA..... 4.47 INCHES / HOUR (PRIMARY)
 - RAIN INTENSITY - 100 YEAR PER NOAA..... 8.46 INCHES / 15 MINUTES (SECONDARY)

FOUNDATIONS:

- FOUNDATION DESIGN: N/A

STRUCTURAL STEEL:

- SEE NOTES ON PRIMARY CODES AND SPECIFICATIONS.
- MATERIALS:
 - ANGLES & PLATES..... ASTM A36
- ALL BRICK SHELF ANGLES SHALL BE HOT DIPPED GALVANIZED.
- ALL EXTERIOR ELEMENTS AND THOSE ELEMENTS NOTED TO BE GALVANIZED SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123 AFTER SANDBLAST CLEANING PER SSPC-SP10.

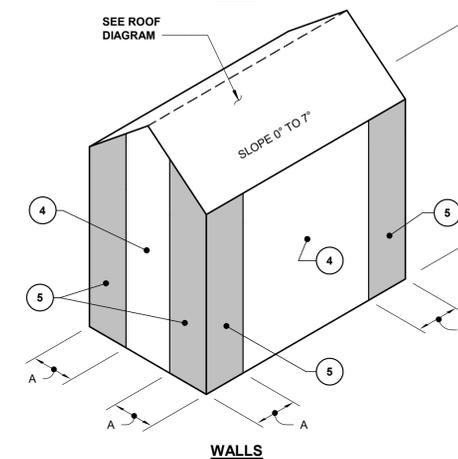
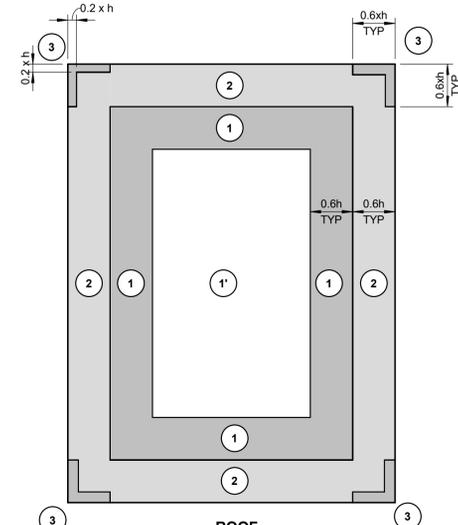
TIMBER:

- PRESSURE TREATMENT:
 - ALL EXTERIOR TIMBER AND TIMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED AND MARKED IN ACCORDANCE WITH AWPA P5 REQUIREMENTS FOR WATER-BORNE PRESERVATIVES.
 - RECOAT IN FIELD AFTER CUTTING AS REQUIRED TO MAINTAIN PROTECTION LEVEL SPECIFIED.

POST-INSTALLED ANCHORS:

- POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE DRAWINGS. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE STRUCTURAL ENGINEER OF RECORD (SER) PRIOR TO USING POST-INSTALLED ANCHORS OR ADHESIVE ANCHORING SYSTEM FOR MISSING OR MISPLACED CAST-IN-PLACE ANCHORS AND/OR REINFORCING DOWELS.
- ALL POST-INSTALLED ANCHOR INSTALLATION SHALL BE BY A QUALIFIED PERSONNEL IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPI).
- POST-INSTALLED ANCHOR CAPACITY IS DEPENDANT UPON THE SPECIFIED EMBEDMENT, SPACING BETWEEN ADJACENT ANCHORS, AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE. ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AT NOT LESS THAN MINIMUM EDGE DISTANCES AND/OR SPACINGS INDICATED IN THE MANUFACTURER'S LITERATURE OR ON THE STRUCTURAL DRAWINGS. HOLES SHALL BE DRILLED AND CLEANED PER THE MANUFACTURER'S INSTRUCTIONS.
- SUBSTITUTION REQUESTS, FOR PRODUCTS OTHER THAN THOSE LISTED BELOW, SHALL BE SUBMITTED TO THE SER WITH CALCULATIONS THAT ARE PREPARED & SEALED BY A STATE OF FLORIDA REGISTERED PROFESSIONAL ENGINEER SHOWING THAT THE SUBSTITUTED PRODUCT WILL ACHIEVE AN EQUIVALENT CAPACITY USING THE APPROPRIATE DESIGN PROCEDURE REQUIRED BY THE BUILDING CODE. PRODUCT ICC-ES CODE REPORTS SHALL BE INCLUDED WITH SUBMITTAL PACKAGE. THE ACCEPTANCE OF THE PRODUCT WILL BE AT THE SER'S DISCRETION.
- MINIMUM REQUIREMENTS FOR POST-INSTALLED ANCHORS AT TIME OF INSTALLATION:
 - MINIMUM COMPRESSIVE STRENGTH OF BASE MATERIAL:
 - GROUTED MASONRY..... 1500 PSI
 - NORMAL-WEIGHT CONCRETE..... 2500 PSI
- ANCHOR PRODUCTS APPROVED FOR USE ON THIS PROJECT ARE LISTED BELOW (UNO):
 - MECHANICAL ANCHORS INTO CONCRETE SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 308.4 AND ICC-ES AC193 FOR CRACKED CONCRETE:
 - THE FOLLOWING ANCHORS ARE ACCEPTABLE FOR USE WITH THE REQUIRED EMBEDMENT SPECIFIED ON THE CONSTRUCTION DOCUMENTS OR BY THE SER:
 - HILTI "KWIK BOLT-TZ" EXPANSION ANCHOR (ICC-ES ESR-4266)
 - HILTI "KWIK HUS E2" SCREW ANCHOR (ICC-ES ESR-3027)
 - SIMPSON STRONG-TIE "STRONG-BOLT Z" WEDGE ANCHOR (ICC-ES ESR-3037)
 - SIMPSON STRONG-TIE "TITEN-HD" (ICC-ES ESR-2713)
 - MECHANICAL ANCHORS INTO GROUT FILLED MASONRY LINTELS OR GROUT FILLED CELLS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC01 OR ICC-ES AC106:
 - THE FOLLOWING ANCHORS ARE ACCEPTABLE FOR USE WITH THE REQUIRED EMBEDMENT SPECIFIED ON THE CONSTRUCTION DOCUMENTS OR BY THE SER:
 - HILTI "KWIK BOLT TZZ" EXPANSION ANCHOR (ICC-ES ESR-4561)
 - SIMPSON STRONG-TIE "STRONG-BOLT Z" WEDGE ANCHOR (APMO-ES ER240)
 - ADHESIVE ANCHORS INTO CONCRETE SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 308.4 AND ICC-ES AC308 FOR CRACKED CONCRETE:
 - THE FOLLOWING ANCHORS ARE ACCEPTABLE FOR USE WITH THE REQUIRED EMBEDMENT SPECIFIED ON THE CONSTRUCTION DOCUMENTS OR BY THE SER:
 - HILTI "HIT-HY 200 V3" ADHESIVE WITH HILTI HIT-Z STEEL ROD (ICC-ES ESR-4868)
 - HILTI "HIT-HY 200 V3" ADHESIVE WITH HILTI HAS-E STEEL THREADED ROD (ICC-ES ESR-4868)
 - HILTI "HIT-RE 500 V3" ADHESIVE WITH HILTI HAS-E STEEL THREADED ROD (ICC-ES ESR-3814)
 - SIMPSON STRONG-TIE "SET-3G" EPOXY ADHESIVE ASTM A193 G B7 STEEL THREADED ROD, UNO (ICC-ES ESR-4057)
 - ADHESIVE ANCHORS INTO MASONRY LINTELS OR GROUT FILLED CELLS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC58:
 - THE FOLLOWING ANCHORS ARE ACCEPTABLE FOR USE WITH THE REQUIRED EMBEDMENT SPECIFIED ON THE CONSTRUCTION DOCUMENTS OR BY THE SER:
 - HILTI HIT-HY 270 MASONRY ADHESIVE HILTI WITH HAS-E STEEL THREADED ROD (ICC-ES ESR-4143)
 - HILTI HIT-HY 200 V3 ADHESIVE WITH HILTI WITH HAS-E STEEL THREADED ROD (ICC-ES ESR-4878)
 - SIMPSON STRONG-TIE "SET-3G" EPOXY ADHESIVE (ICC-ES ESR-4844)
 - STEEL REINFORCING BARS ANCHORED INTO CONCRETE WITH ADHESIVE ANCHORING SYSTEM SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 308.4 AND ICC-ES AC308 FOR CRACKED CONCRETE:
 - THE FOLLOWING ADHESIVE ANCHORING SYSTEMS ARE ACCEPTABLE FOR USE ONLY WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS OR APPROVED BY THE SER:
 - HILTI "HIT-HY 200 V3" ADHESIVE (ICC-ES ESR-4868)
 - HILTI "HIT-RE 500 V3" ADHESIVE (ICC-ES ESR-3814)
 - SIMPSON STRONG-TIE "SET-3G" EPOXY ADHESIVE (ICC-ES ESR-4057)

COMPONENT & CLADDING DESIGN WIND LOAD INFORMATION



COMPONENTS & CLADDING WIND LOAD PRESSURE SCHEDULE				
COMPONENT	ZONE	EFFECTIVE WIND AREA (SF)	ULTIMATE (FACTORED) DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
ROOF ELEMENTS	1	10	+17.9	-70.0
		20	+16.7	-65.3
		50	+16.0	-59.2
		> 100	+16.0	-54.6
	1'	10	+17.9	-40.2
		20	+16.7	-40.2
		50	+16.0	-40.2
		> 100	+16.0	-40.2
	2	10	+17.9	-92.3
		20	+16.7	-86.4
		50	+16.0	-78.5
		> 100	+16.0	-72.6
3	10	+17.9	-125.8	
	20	+16.7	-113.9	
	50	+16.0	-98.2	
	> 100	+16.0	-86.4	
EXTERIOR WALL ELEMENTS, WINDOWS, DOORS AND CURTAIN WALLS	4	10	+40.2	-43.5
		20	+38.4	-41.8
		50	+36.1	-39.4
		100	+34.3	-37.6
	5	> 500	+30.1	-33.5
		10	+40.2	-53.6
		20	+38.4	-50.0
		50	+36.1	-45.3
		100	+34.3	-41.8
		> 500	+30.1	-33.5

- NOTES:**
- DESIGN WIND PRESSURES SHALL BE USED IN THE DESIGN OF ALL COMPONENTS AND CLADDING ELEMENTS COMPRISING THE BUILDING ENVELOPE.
 - REFER TO THE WIND PRESSURE DIAGRAM FOR ZONE LOCATIONS AND EXTENTS.
 - POSITIVE PRESSURES ACT TOWARD COMPONENT SURFACES AND NEGATIVE PRESSURES ACT AWAY FROM EACH COMPONENT SURFACE.
 - LINEAR INTERPOLATION BETWEEN EFFECTIVE WIND AREAS MAY BE USED TO OBTAIN THE REQUIRED COMPONENT AND CLADDING DESIGN WIND PRESSURE.
 - DIMENSION A = 8'-0".
 - DIMENSION h = 35'-0".
 - MULTIPLY TABULAR 'ULTIMATE' PRESSURES BY 0.60 TO OBTAIN 'NOMINAL' PRESSURES.

SEAL

ADVANCE COPY

NOT FOR CONSTRUCTION

Mark A. Miller, PE, FRSE
FL PE #45319

Brame Heck ARCHITECTS INC.
FOUNDED 1911
606 N.E. First Street
352 / 372-0425
Gainesville, Florida 32601
www.bramheck.com

UNION COUNTY COURTHOUSE
2025 WINDOW REPLACEMENT
55 W MAIN STREET, LAKE BUTLER, FL 32054

GENERAL STRUCTURAL NOTES & WIND LOAD INFORMATION

DRAWN BY: MAM
CHECKED BY: MAM
DATE: 03/13/26
CAD:
D:\Projects\26\26005\BIM-REVIT\2026\STRUCT\Union Courthouse.rvt

REVISIONS:

FILE No. UC251102

S H E E T

S0.1

STRUCTURAL DRAWING INDEX

DRAWING NUMBER	DRAWING DESCRIPTION
S0.1	GENERAL STRUCTURAL NOTES & WIND LOAD INFORMATION

ME
Miller Engineering, LLC
Structural Engineering Services
546 SE 3rd Avenue | Melbourne, FL 32966
904.322.1970 | FL CA #93399