WASHINGTON COUNTY COURTHOUSE PHASE II - EXTERIOR RESTORATION Brenham, Texas

OWNER

JUDGE JOHN DURRENBERGER WASHINGTON COUNTY 100 E. MAIN STREET, SUITE 104 BRENHAM, TX 77833 EMAIL: COUNTYJUDGE@WACOUNTY.COM PHONE: 979.277.6221

ARCHITECT

ARCHITEXAS ARCHITECTURE, PLANNING, AND HISTORIC PRESERVATION, INC. 1023 SPRINGDALE RD., BLDG. 11 SUITE E AUSTIN, TX 78721 EMAIL: SFROCHEUR@ARCHITEXAS.COM PHONE: 512.444.4220 FAX: 512.444.4221

STRUCTURAL ENGINEER

TYLin 3800 N. LAMAR BLVD., SUITE 330 AUSTIN, TX 78756 PHONE: 512.472.2111

MEP

BROWN CONSULTING ENGINEERS, INC. 3505 OLSEN BLVD. SUITE 110 AMARILLO, TX 79109 PHONE: 806.354.0141

TEXAS HISTORICAL COMMISSION

108 W. 16th St. - Second Floor Austin, TX 78701 phone: 512.463.6000

AREA MAP



\bigcirc MAP COURTESY OF GOOGLE.COM

LOCATOR MAP



MAP COURTESY OF GOOGLE.COM



GENERAL NOTES

1. Existing Conditions: The work shall conform with the current edition of the following regulations as Α.

- adopted by the city of Brenham
- 2021 International Building Code - 2021 International Existing Building Code
- 2021 International Existing Building Code
- 2021 International Fire Code
- 2021 International Plumbing Code - 2021 International Mechanical Code
- 2020 National Electrical Code
- 2021 International Energy Conservation Code
- All work shall comply with "The Secretary of the Interior's Standards for the Treatment of Historic Properties" under Preservation
- The Contractor shall obtain all necessary permits and inspections and pay all
- application fees.
- If the Contractor performs or proceeds with any work, contrary to applicable laws, ordinances, rules and regulations without giving prior written notice to the architect, he/she shall assume full responsibility therefore and shall bear all cost attributable.
- All drawings and specifications forming part of the construction documents are complementary, and what is called for by one will be binding as if called for by all; any work shown or referred to on any one document shall be provided as though shown on all documents.
- The contract documents shall be interpreted with the following order of precedence: Specifications, details, enlargements, overall drawings, and subsequent clarifications. Addenda shall override the affected components in all of the above. All verbal clarifications are to be recorded by the contractor and sent to the architect within seven days of the occurrence.
- Information contained on these drawings with regard to existing conditions for G. construction in no way releases the Contractor from the responsibility for verifying completely all field conditions relating to and affecting the execution of the work, as described in these Contract Documents. Cease work, notify Architect, and await instructions if materials or conditions encountered at the site are not as indicated by the Contract Documents.
- Field verification of existing conditions relating to specific portions of the work shall be undertaken in advance to allow for the timely identification of existing conditions that may effect the scheduled installation of new work as designed and detailed, and to avoid undue and unreasonable delays to the project should such conditions be discovered. Timely identifications of such conditions shall provide for a reasonable period of time during which the Architect will evaluate the conditions and make recommendations for accommodating new work.
- Assist the Architect in making their evaluations and recommendations by providing in a timely manner, at no additional cost to the Owner, accurate and

complete drawings, sketches, and photographs sufficient to clearly describe discrepancies, conflicts, and concealed or otherwise unanticipated existing conditions affecting new construction. Assist the Architect by providing in a timely

- manner prepared solutions to unanticipated existing conditions. The Architect has endeavored to identify as completely as possible in the drawings and specifications existing items that are required to be removed or otherwise demolished so as to allow the execution of new work. This information is provided for the convenience of the Contractor, and is in no way intended to mean that demolition is limited only to those items specifically identified. Execute
- demolition work as required to allow the execution of new work. Areas and items indicating limits of work and lines of demarcation are shown for K. the convenience of the Contractor, and are not to be taken literally. Actual contract limits are to be determined prior to bid openings by field verification.
- Original elements removed are to be re-installed in their original location, unless noted otherwise. Μ. Notify City of Brenham when it is necessary to affect utilities before proceeding
- with the work. All existing utilities must be checked by the contractor prior to the commencement of demolition work. Any damages resulting from lack of compliance with the provisions should be corrected by the contractor at his or her own expense
- 2. Blocking and Framing
- Some general assumptions have been made on existing blocking, framing, and Α. existing masonry profiles where conditions have not been uncovered. Re-secure existing blocking as necessary and provide new blocking as needed at door frames, door casings, windows, window casing, baseboards, chair rail, and other millwork areas.

3. Dimension of original materials:

- Dimensions indicated in Construction Documents for original materials are Α. approximate and are to be field verified prior to submittal of shop drawings. Match exact sizes and profiles of original elements, unless noted otherwise.
- 4. Sealants Remove existing sealants and replace with specified sealants, typical. Α.
- 5. Masonry Infill A. Masonry infill is to match adjacent material type, size, coursing, color, mortar, etc.
- Exterior: A. Existing construction shown to remain shall not be damaged during the demolition process. Provide temporary protection as necessary. If surfaces of wall are damaged, damaged areas shall be repaired with masonry to match existing and

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INDEX OF DRAWINGS

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STRUCTURAL

ELECTRICAL:

E-0.00	ELECTRICAL COVER SHEET
E-0.01	LIGHTNING PROTECTION PLAN
E-8.01	ELECTRICAL DETAILS

SURVEY (FOR INFORMATION ONLY)

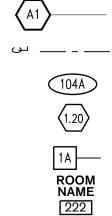
SURVEY PLAN DATED APRIL 4, 2022 C-1.03

Originally constructed in 1939, the Washington County Courthouse, in Brenham, Texas is a Recorded Texas Historic Landmark and is listed in the National Register of Historic Places. This project is authorized under the Historic Courthouse Preservation Program, Texas Government Code §5442.008, et seq. ("Program"), and the rules promulgated thereunder at 13 Texas Administrative Code \$\$12.1, et seq., and the Interlocal Cooperation Act, Government Code Chapter 791. All matters pertaining to the Project shall be conducted in conformance with the procedures described in the Texas Historic Courthouse Preservation Program Round XIII Planning Grant Manual, all applicable state and federal laws, rules and regulations and the legal directives of the Commission and its staff.

Β.

restore the full structural capacity of the walls. Shoring drawings and associated structural calculations sealed by a Professional

- Engineer licensed in the State of Texas shall be submitted to the Architect's file and shall not be returned approved to the Contractor. The Contractor is solely responsible for the design and installation of all shoring necessary to accomplish the work.
- C. shall be designed to support the full anticipated loading with no benefit from the existing structural framing.
- The maximum allowable loading on the existing floor structures shall be 100 psf. D. All areas of the building which may have greater loading imposed on it by the Contractor's demolition procedure shall be shored.
- All shoring shall transfer loading directly to existing masonry structure. Shoring



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Architexas No. 2443 Sheet Name

Date July 11, 2025

COVER SHEET

Sheet Number

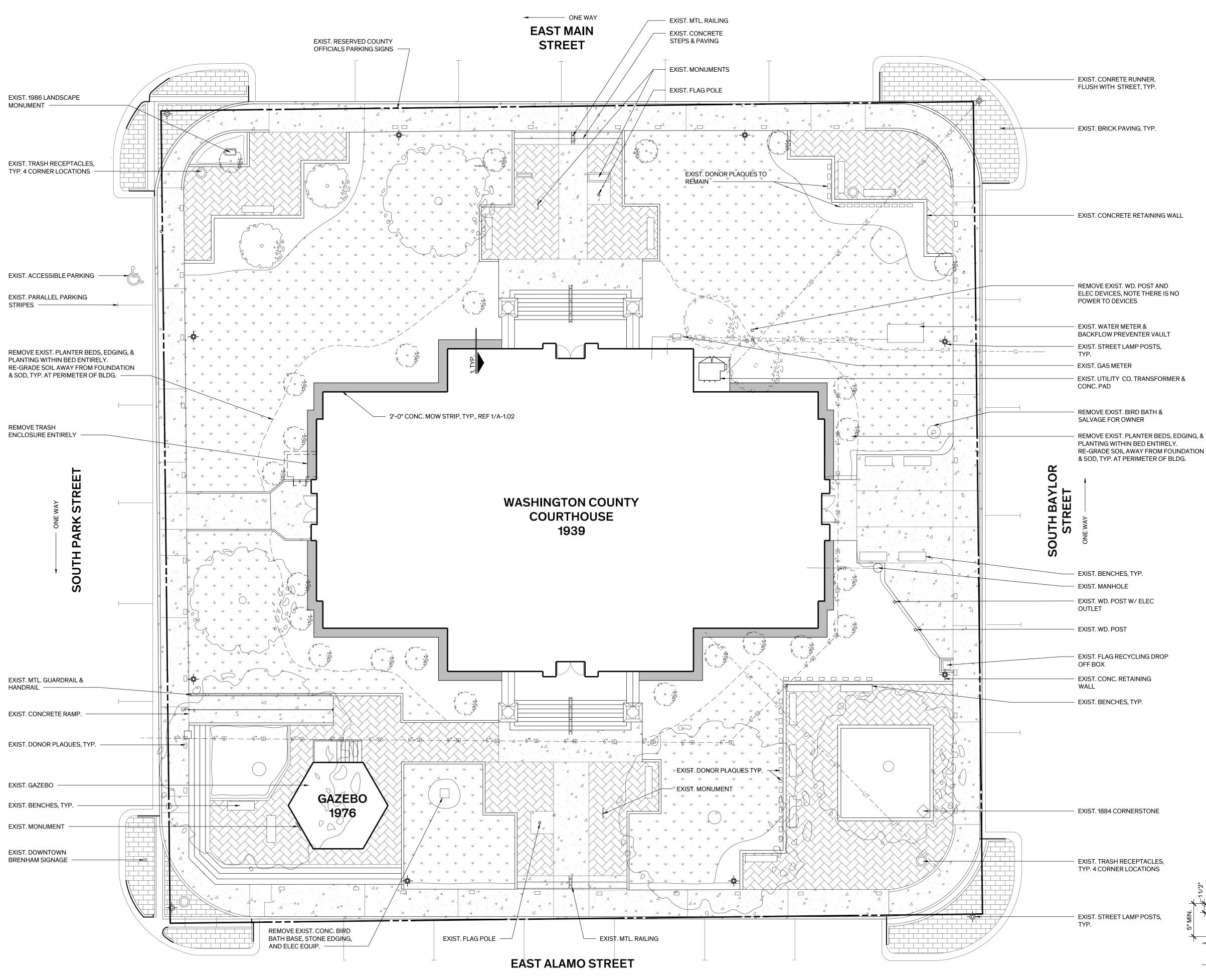


SYMBOLS LEGEND

SYM	BOLS	LEGENL)		
(A1)		Column Center L	ines		Broken Section
ىر		Center Line		XX/AX.00	Wall Section
	4A	Door Type			
(1.	20	Window Type		XX/AX.00	Detail Section
1A	_	Wall Type		X/A.X.00	Detail Key
NA [2	00M ME 22 2FT	Room Name and	l Number	X/A.X.00	Detail Key
MATI	ERIAL	S LEGE	ND	XX/A0.00	Elevation Key
	Earth/Cor	npact Fill		Rough Wood	
	Gravel Fil	I		Blocking	
Δ	Concrete			Finish Wood	
	Hollow Cl	ay Tile		Plywood	
	Masonry			Rigid Insulation	
	Split Face	CMU		Thermal Batt Insulation	
	Glass			Acoustic Batt Insulation	
	Aluminum	1		Sprayed Insulation	
	Steel		\sim	Sprayed Fire Insulation	
	Sheet Me	tal		Ceramic Tile	
	Existing, \	Where Noted		Gypsum Board	
			XXXXXX	Metal Lath and Plaster	

ABBREVIATIONS

± Ø A/C ACM	PLUS/MINUS DIAMETER AIR CONDITIONER ASBESTOS CONTAINING MATERIAL
AHU CABS. CLG. CONC. CON'T DN. ELEV. EQ. EQUIP. EXIST. FIR. FIR. FIR. FIR. FIR. FIR. GYP. HIST. MECH. MISC. MTL. OC ORIG. QTR. REF. REQ'D STRUCT. T.B.D. TYP. U.O.N VIF W/ WD.	MATERIAL AIR HANDLING UNIT CABINETS CEILING CONCRETE CONTINUOUS DOWN ELEVATOR EQUAL EQUIPMENT EXISTING FIXTURES FLOOR FIRE RATED GYPSUM HISTORIC MECHANICAL MISCELLANEOUS METAL ON CENTER ORIGINAL QUARTER REFERENCE REQUIRED STRUCTURAL TO BE DETERMINED TYPICAL UNLESS OTHERWISE NOTED VERIFY IN FIELD WITH WOOD
NOTE: CO WITH ARC	NTRACTOR SHALL VERIFY HITECT FOR ANY TION NOT LISTED.



ONE WAY ------

2) Site Plan Scale: 3/32" = 1'-0"

GENERAL NOTES - SITE PLAN GENERAL SITE WORK: A. UTILITY LOCATIONS ARE APPROXIMATE, V.I.F., LOCATE GAS, WATER, ELECTRICAL, & OTHER MISC. UTILITY LINES PRIOR TO TRENCHING & EXCAVATING WORK. B. INFORMATION FOR SITE PLAN WAS TAKEN FROM SITE SURVEY PREPARED BY DOUCET CIVIL ENGINEERING DATED 04.04.2022, REFER TO SURVEY PLAN INCLUDED IN THE BACK OF THIS DRAWING SET, FOR CONTRACTOR INFORMATION ONLY. 2. DEMOLITION: A. REMOVE PLANTING BEDS, EDGING, & PLANTINGS ENTIRELY AT THE PERIMETER OF THE BUILDING. B. REMOVE TRASH ENCLOSURE ENTIRELY ADJACENT TO THE WEST ENTRY, INCLUDING SLAB & FOOTINGS. **MONUMENTS:** PROVIDE TEMPORARY PROTECTION FOR EXISTING SITE MONUMENTS FOR THE DURATION OF THE PROJECT. I. TREE PROTECTION: A. PROTECT EXIST. TREES & ROOT SYSTEMS SCHEDULED TO REMAIN DURING DEMOLITION. IF TREES ARE DAMAGED BY DEMOLITION OPERATIONS, CONTRACTOR SHALL OBTAIN THE SERVICES OF A CERTIFIED ARBORIST TO PERFORM REPAIRS AT NO ADDITIONAL COST TO THE OWNER. B. RE-GRADE AT REMOVED PLANTER BED LOCATIONS, SLOPE MIN. 5% AWAY FROM FOUNDATION. PROVIDE SOD AT PLANTER BED LOCATIONS & TIE INTO EXISTING GRASS AREAS. 5. SITE RESTORATION: RESTORE DAMAGE TO EXIST. LANDSCAPING SCHEDULED TO REMAIN ADJACENT TO AREA OF WORK INCLUDING BUT NOT LIMITED TO SIDEWALKS, RAMPS, STEPS, LAWN, ETC... RESULTING FROM THE INSTALLATION OF CONCRETE MOW STRIP, LIGHTNING PROTECTION, IRRIGATION SYSTEM, & ACCESS TO THE BUILDING FOR SCHEDULED EXTERIOR RESTORATION WORK. 6. IRRIGATION: A. THE SITE HAS AN EXISTING IRRIGATION SYSTEM THAT IS TO REMAIN IN PLACE B. CONTRACTOR TO DOCUMENT THE LOCATION OF ALL EXISTING SPRINKLER VALVES, HEADS, PIPING AND OTHER ACCESSORIES. SUBMIT MEASURED PLANS TO THE ARCHITECT. C. MODIFY THE LOCATION & TYPE OF SPRINKLER HEADS AT REMOVED PLANTER BEDS FOR GRASS & RELATED SUB-GRADE LINES A MINIMUM OF 5-FEET AWAY FROM THE BUILDING FOUNDATION. D. RESTORE DAMAGE TO THE EXISTING IRRIGATION SYSTEM CAUSED BY THE WORK OF THIS PROJECT. PAVING: PROVIDE 2-FOOT WIDE CONCRETE MOW STRIP AT THE PERIMETER OF THE BUILDING, SLOPE MINIMUM 2% AWAY FROM THE FACE OF THE BUILDING. B. LIGHTNING PROTECTION SYSTEM: PROVIDE COMPLETE MASTER LABELED LIGHTNING PROTECTION SYSTEM COMPLYING WITH UL 96, UL 96A, & NFPA, REF. ELECTRICAL. TRENCH & DIG AT PERIMETER OF BUILDING AS REQUIRED FOR INSTALLATION OF CONDUCTOR CABLING & GROUNDING RODS, BORE UNDER SIDEWALKS AT NARROWEST POINT. LEGEND \checkmark EXIST. GRASS EXIST. CONC. PAVERS EXIST. BRICK PAVERS EXIST. CONC. PAVING

CONCRETE MOW STRIP ELEMENT TO BE REMOVED _____ EXIST. TREE TO BE REMOVED \bigcirc 2. -—−2.5''₩—−-EXIST. WATER LINE EXIST. WASTE WATER LINE ———WW——— EXIST. GAS LINE EXIST. STORM DRAIN — — 6"-SD- — -———UE——— EXIST. UNDERGROUND ELECTRIC LINE EXIST. UNDERGROUND TELEPHONE LINE ————UT——— PROPERTY LINE

EXIST. STREET LAMP POST

-@-

2'-0" - EXIST. WALL SLOPE MIN. 2% #3 @ 12" O.C. EA. WAY · 🖨 . 1/2" EXPANSION ┖╶╴╴_ _ _ ⊉● JOINT . 4 m ₹ 2" SAND CUSHION ∆ ··· Mow Strip Det. Scale: 11/2" = 1'-0"

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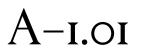
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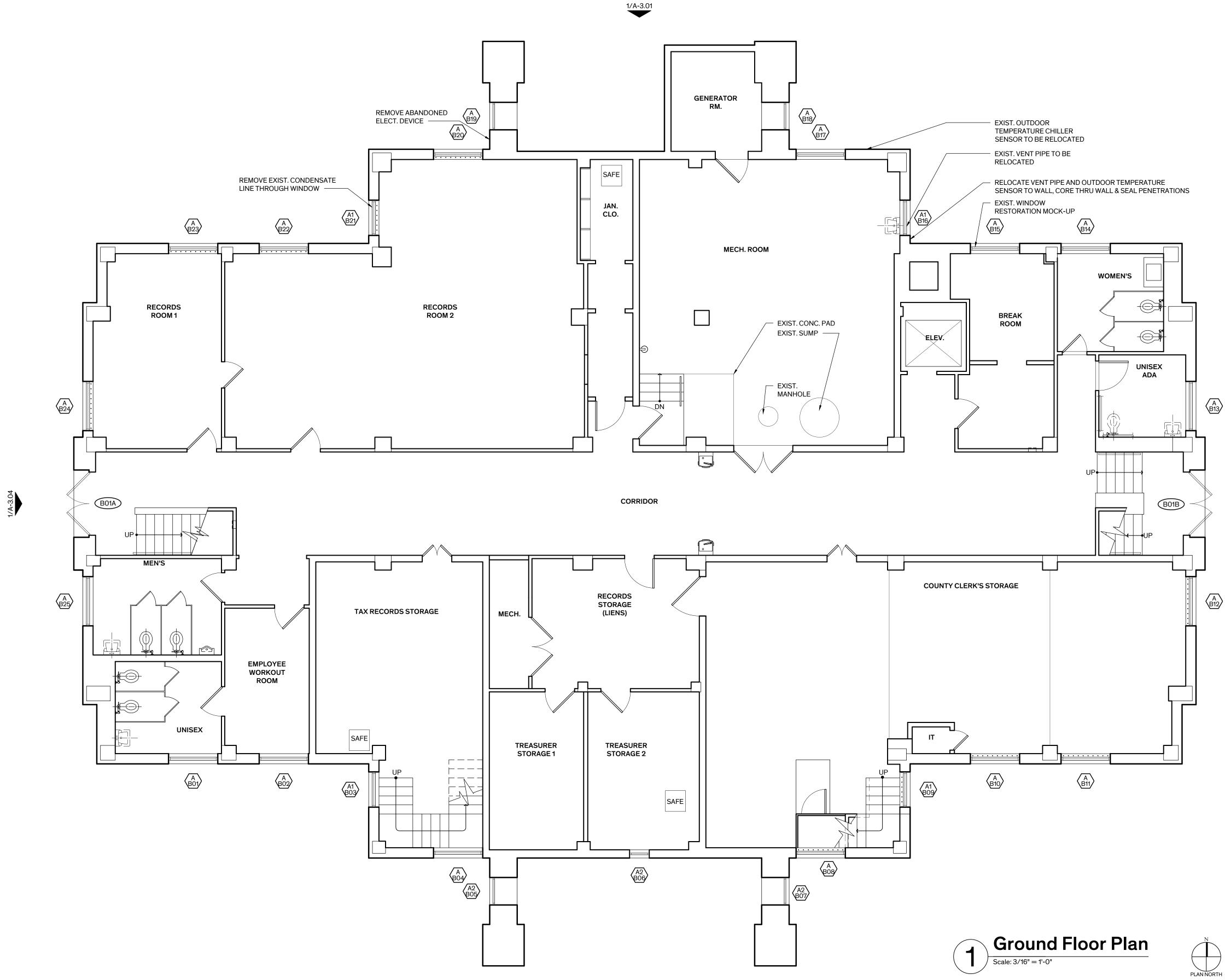


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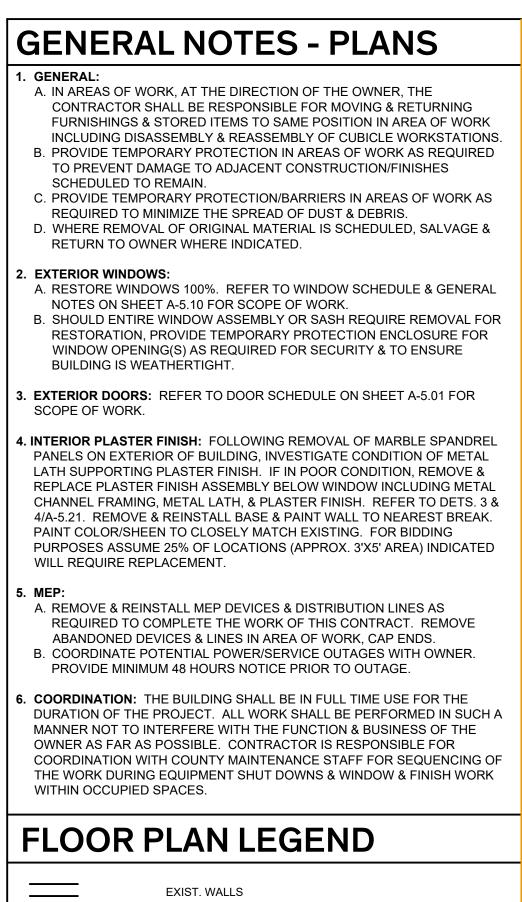
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SITE PLAN





1/A-3.02



1/A-3.

REPLACE PLASTER FINISH ASSEMBLY BELOW WINDOW

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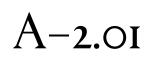
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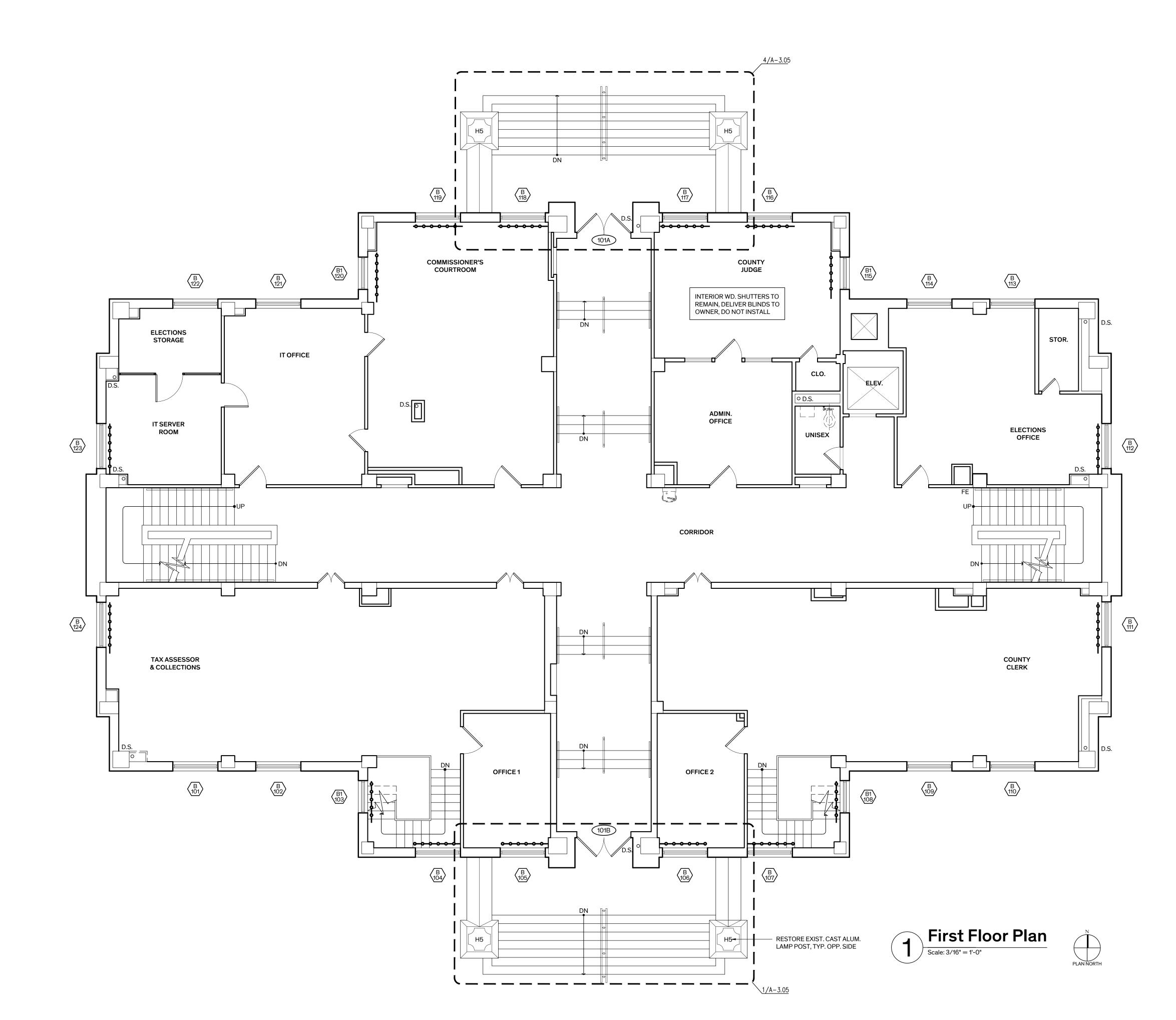


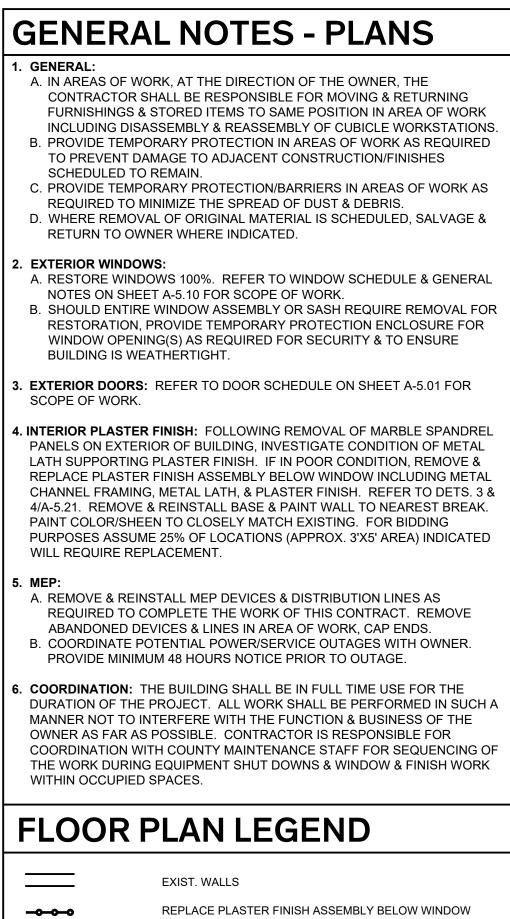
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Sheet Name **GROUND FLOOR PLAN**







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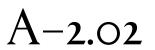
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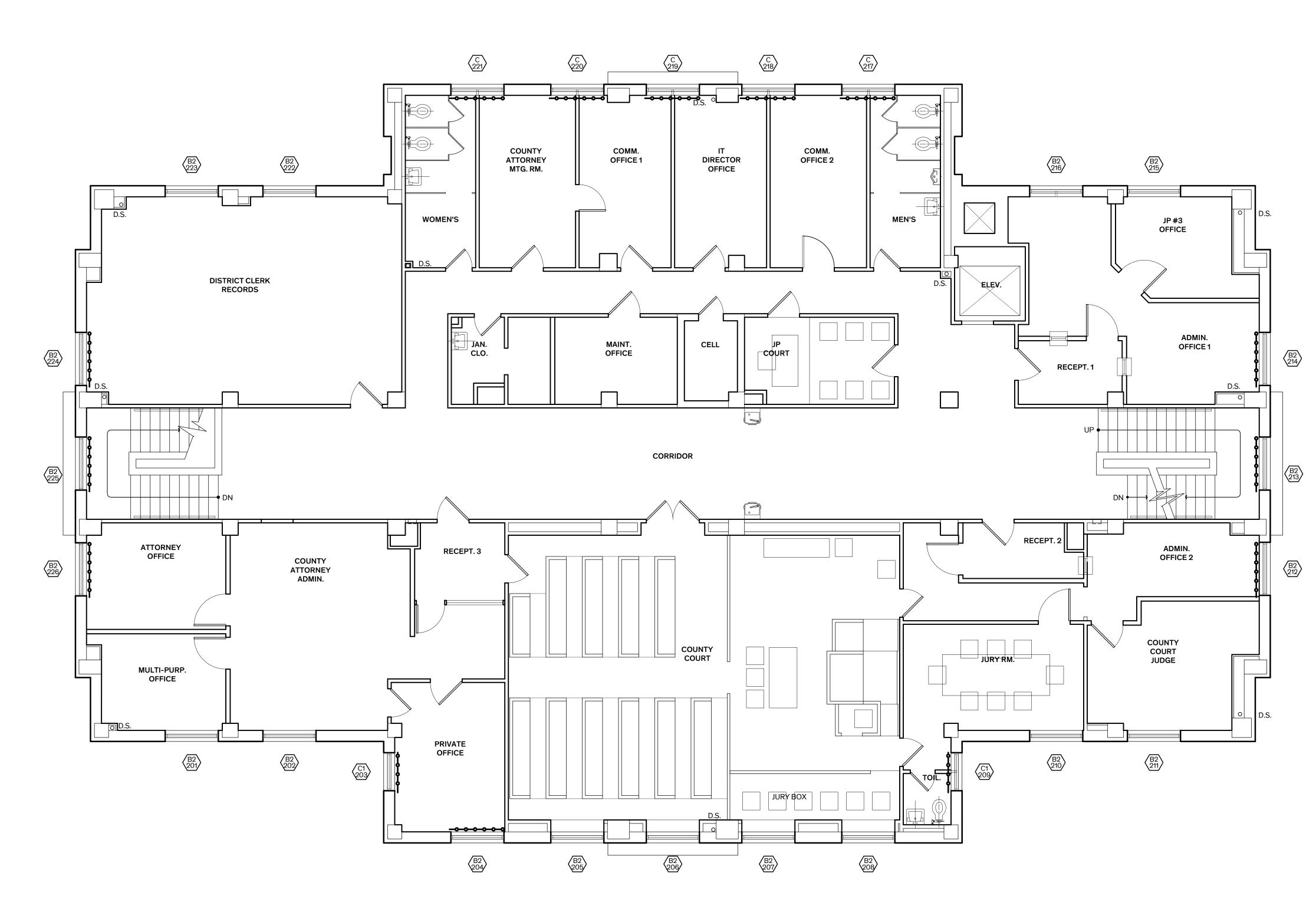


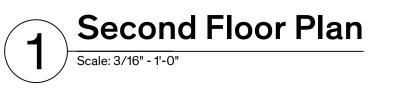
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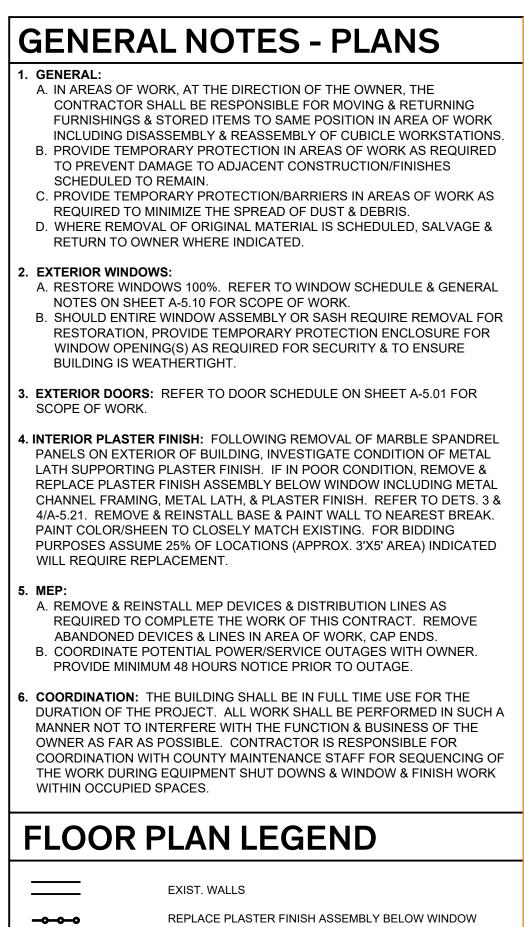
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Sheet Name FIRST FLOOR PLAN









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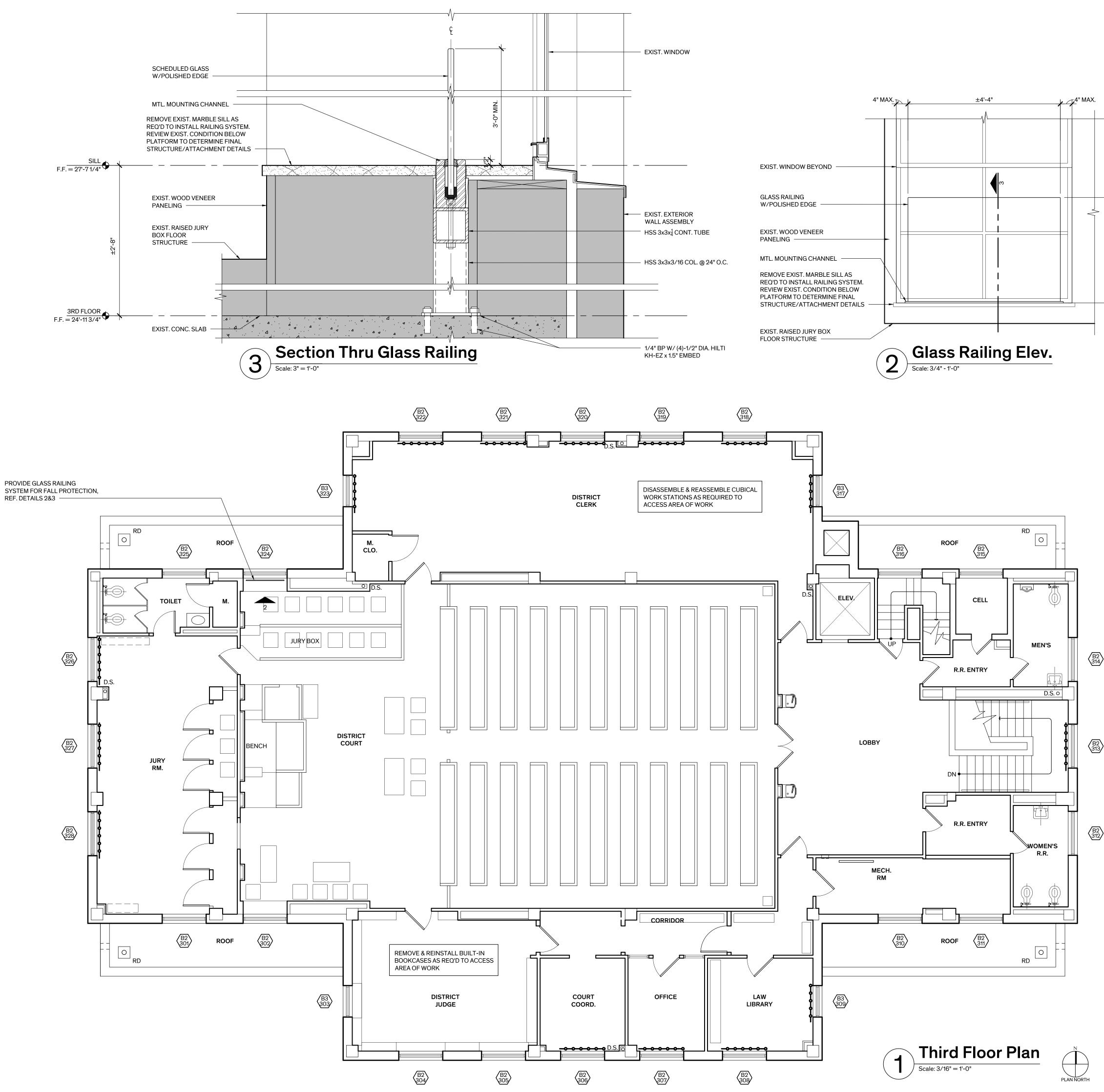
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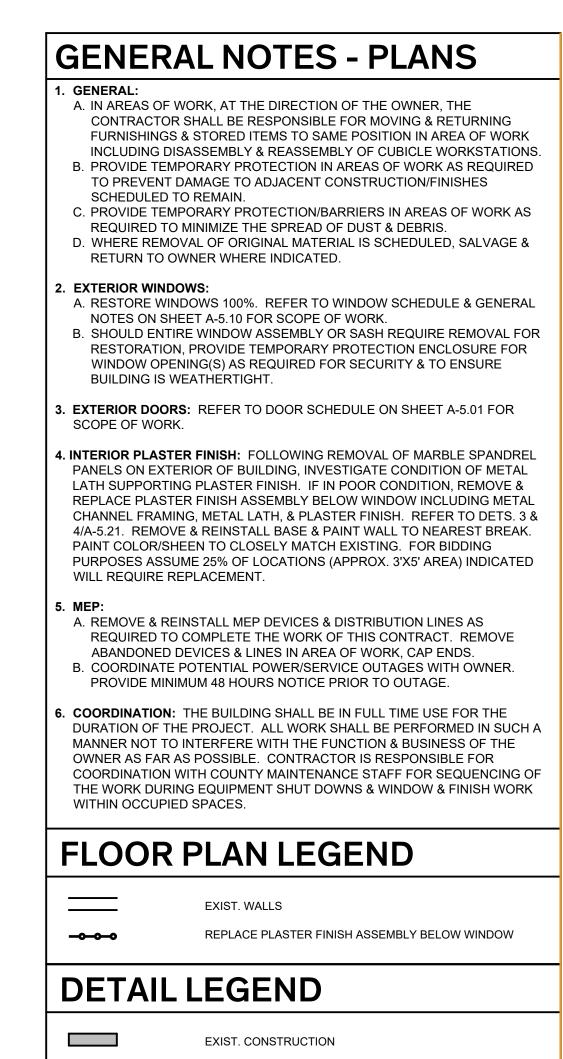
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Sheet Name SECOND FLOOR PLAN

Sheet Number

A-2.03





ALTERNATES

REFER TO SPEC. SECTION 01230 - ALTERNATES FOR DETAILED DESCRIPTION OF WORK

ALTERNATE NO. 2: PROVIDE GLASS RAILING SYSTEM IN DISTRICT COURTROOM.

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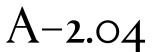


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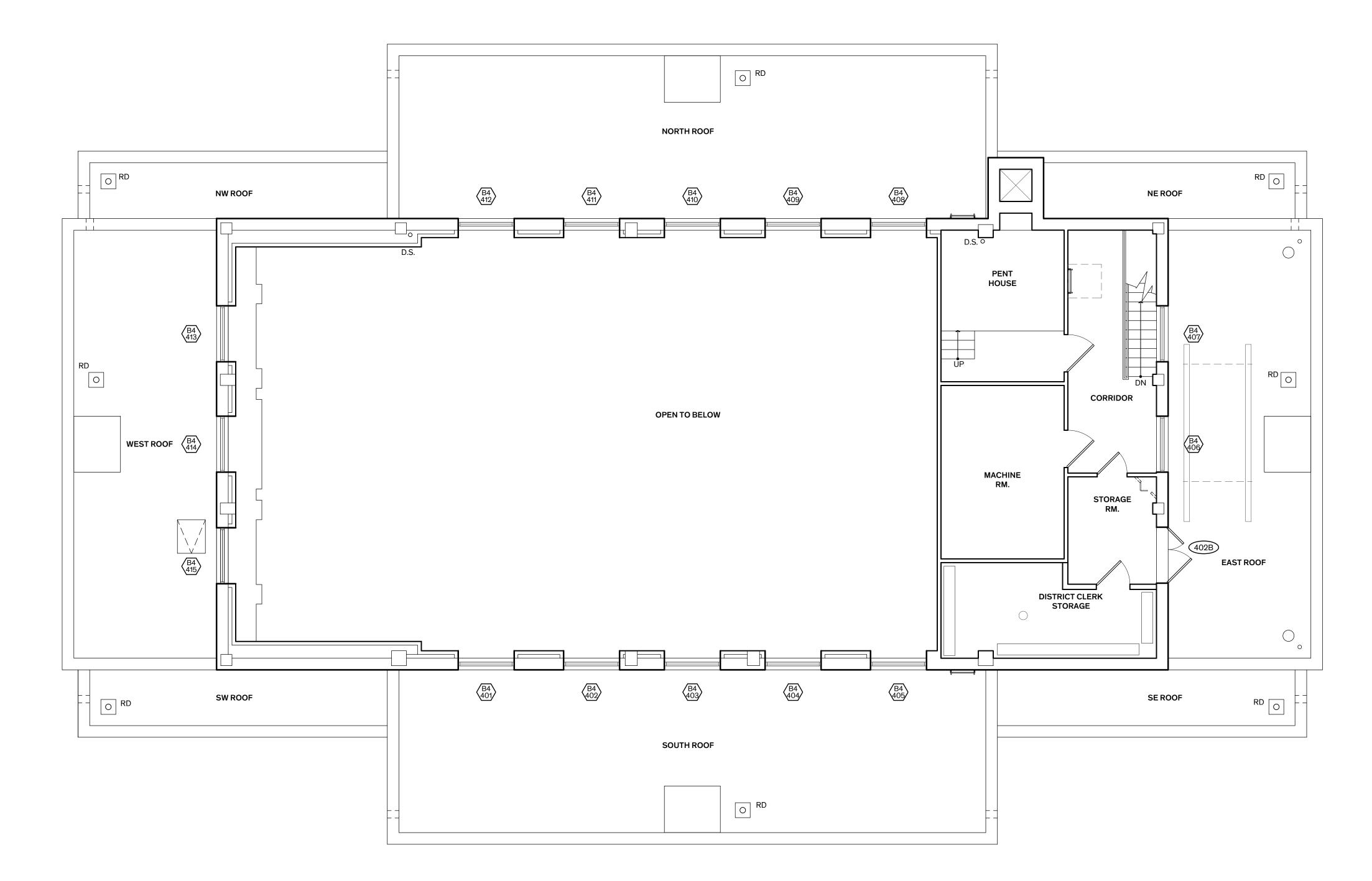
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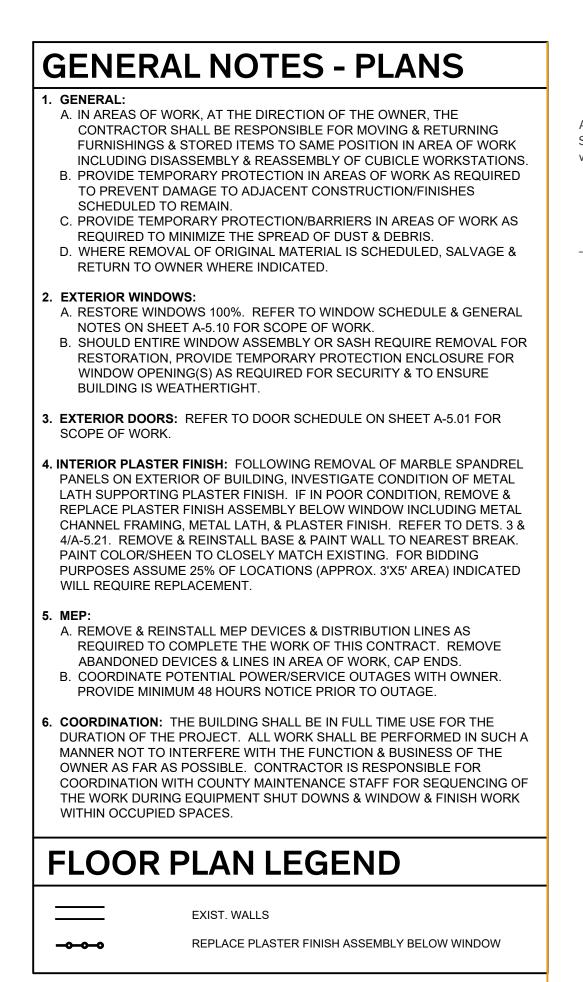


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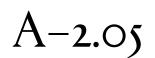
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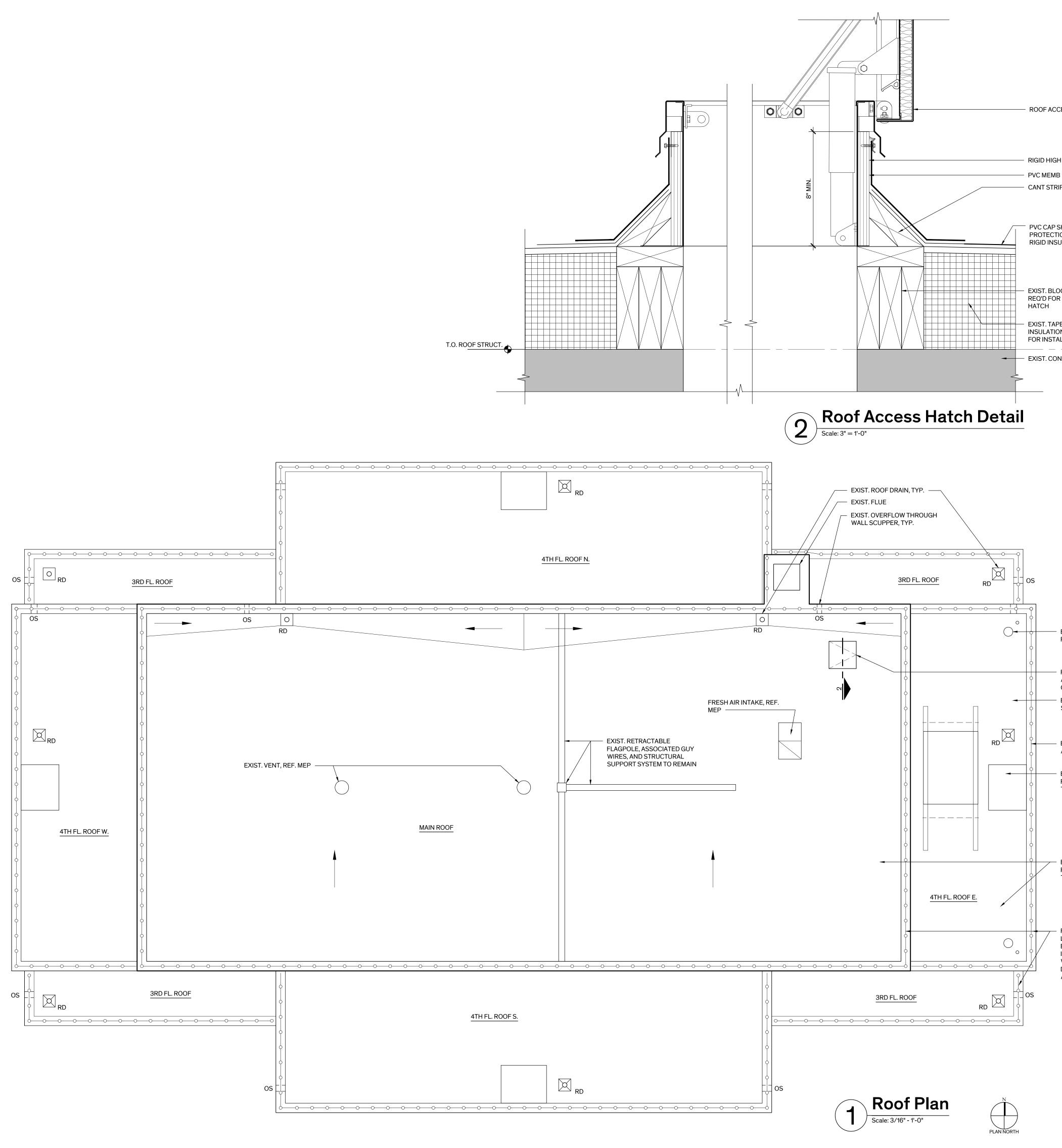


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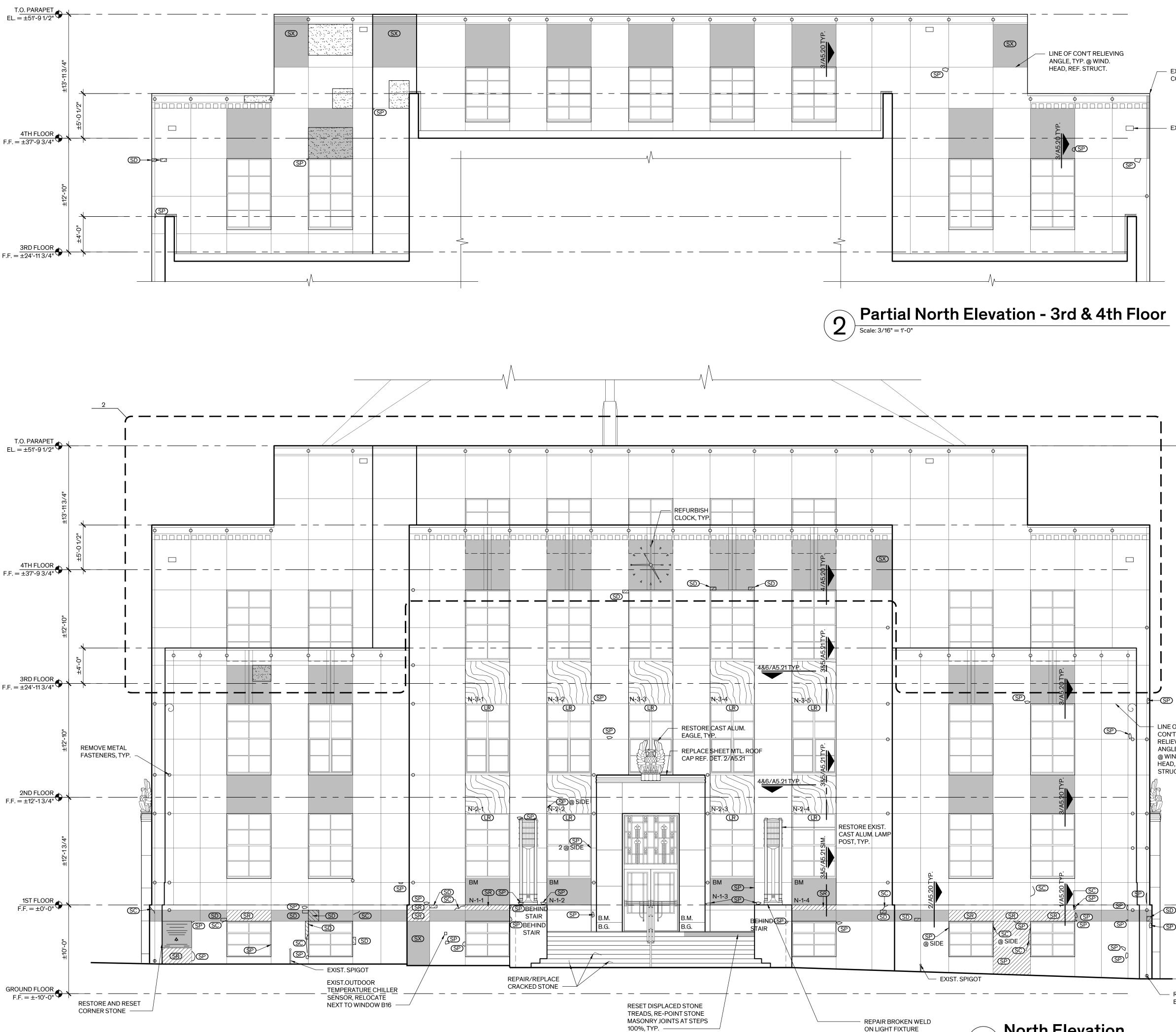
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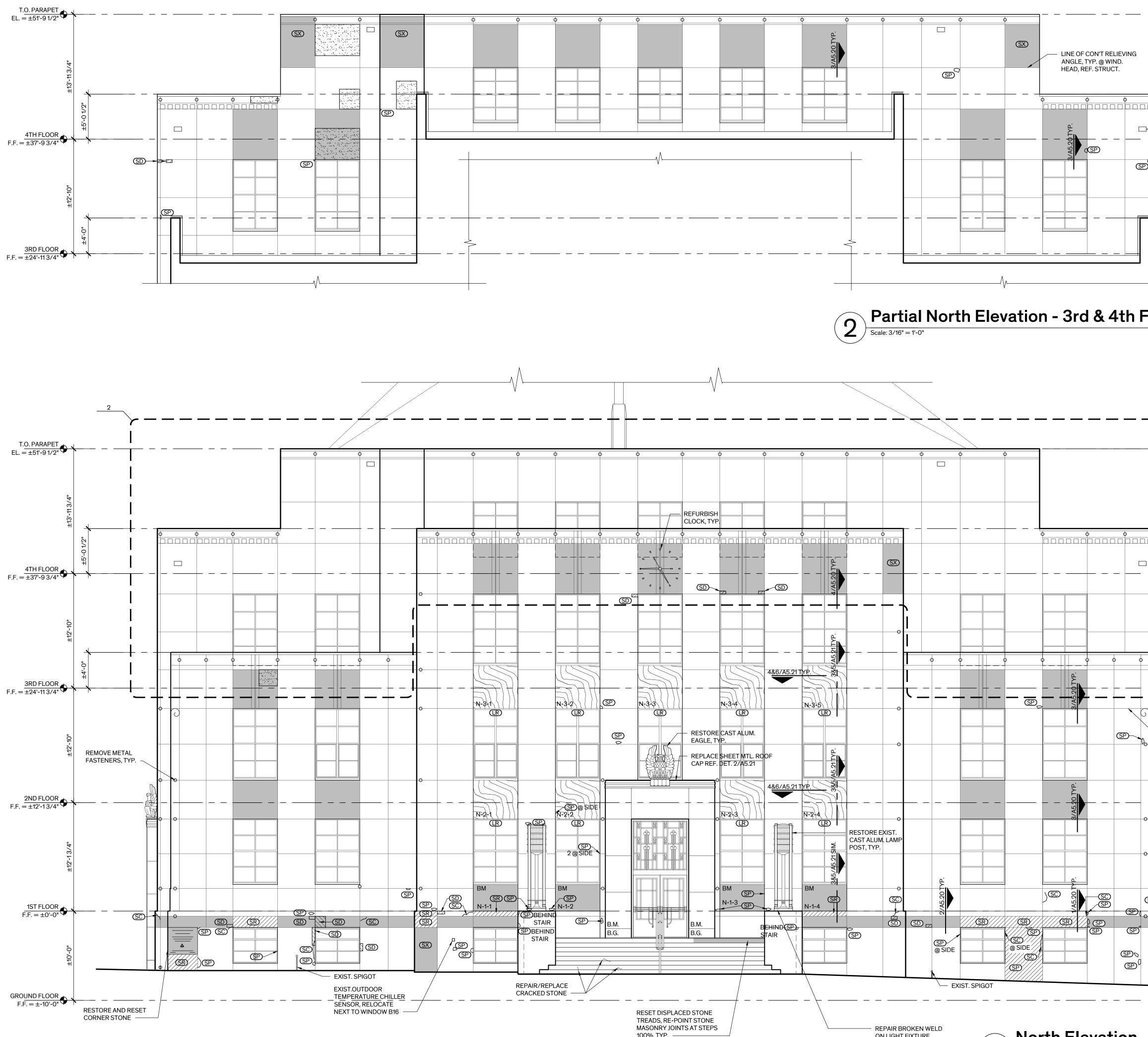
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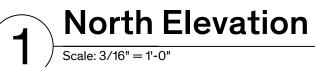


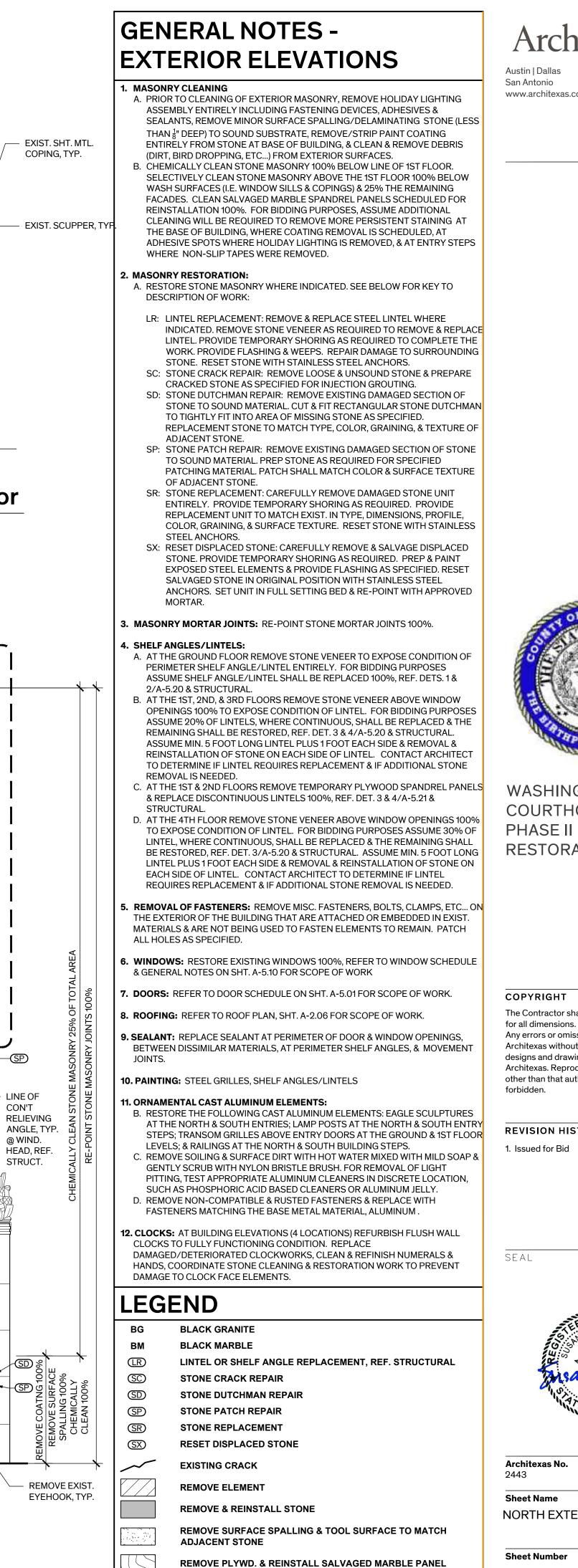


	GENERAL NOTES - ROOF	Architexas
CESS HATCH	1. PROTECTION : THE EXISTING PVC MEMBRANE ROOFING AT ALL LEVELS WAS REPLACED BY THE OWNER IN JUNE 2019 & IS STILL UNDER WARRANTY (20 YEAR). FULLY PROTECT ROOFS FOR THE DURATION OF THE PROJECT WITH 1/2 INCH THICK PLYWOOD OVER 1 INCH THICK RIGID INSULATION. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING DAMAGE TO THE ROOFING SYSTEM RESULTING FROM THE WORK OF THIS CONTRACT AT NO ADDITIONAL COST TO THE OWNER. REPAIRS MUST BE APPROVED BY THE ROOFING MATERIAL MANUFACTURER & SHALL NOT AFFECT THE REMAINING WARRANTY.	Austin Dallas1023 Springdale RdSan AntonioBldg 11, Suite Ewww.architexas.comAustin, Texas 78721p 512.444.4220
H DENSITY FIBER BOARD B FLASHING RIP	 2. DEMOLITION: A. REMOVE MISC. FASTENERS, BOLTS, CLAMPS, ETC ON THE EXTERIOR OF THE BUILDING THAT ARE ATTACHED OR EMBEDDED IN EXIST. MATERIALS & ARE NOT BEING USED TO FASTEN ELEMENTS TO REMAIN. PATCH ALL HOLES AS SPECIFIED. B. REMOVE HOLIDAY LIGHTING SYSTEM ENTIRELY INCLUDING LAMPS, WIRING, FASTENING DEVICES, & ADHESIVES. 3. PAINTING: A. STEEL DUNNAGE WHERE EXPOSED. B. HOLLOW METAL DOOR ASSEMBLY. 	
SHEET ON ½" FION BOARD ON SULATION	 4. MEP: A. REMOVE & REINSTALL MEP DEVICES & DISTRIBUTION LINES AS REQUIRED TO COMPLETE THE WORK OF THIS CONTRACT. REMOVE ABANDONED DEVICES & LINES IN AREA OF WORK, CAP ENDS. B. COORDINATE POTENTIAL POWER/SERVICE OUTAGES WITH OWNER. PROVIDE MINIMUM 48 HOURS NOTICE PRIOR TO OUTAGE. 	
OCKING, MODIFY AS R INSTALLATION OF	5. LIGHTNING PROTECTION SYSTEM: PROVIDE COMPLETE MASTER LABELED LIGHTNING PROTECTION SYSTEM COMPLYING WITH UL 96, UL 96A, & NFPA, REF. ELECTRICAL. ALL CABLING TO BE RUN ON EXTERIOR OF BUILDING, EXTEND DOWN WALL AT INSIDE CORNERS TO BE AS INCONSPICUOUS AS POSSIBLE.	
PERED RIGID ON, MODIFY AS REQ'D ALLATION OF HATCH DNC. DECK		
		OT WASHING OF
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TYP.		REVISION HISTORY 1. Issued for Bid 11 July 2025
EXIST. MEMBRANE ROOFING SYSTEM , TYP.		SEAL
REMOVE EXIST. HOLIDAY LIGHTING SYSTEM ENTIRELY, TYP. INCLUDING CONDUIT, WIRING, & ASSOCIATED DEVICES, FASTENERS, ADHESIVE, ETC.	LEGEND - ROOF PLAN Image: State of the state	SSAN J. FROCI SSAN J. FROCI SS
	•VT VENT PIPE LEGEND - ROOF DETAIL	Architexas No. 2443Date July 11, 2025Sheet NameROOF PLAN & DETAILS
	EXIST. CONSTRUCTION	Sheet Number A-2.06









REMOVE ABANDONED ANCHORS

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WASHINGTON COUNTY COURTHOUSE: **PHASE II - EXTERIOR** RESTORATION

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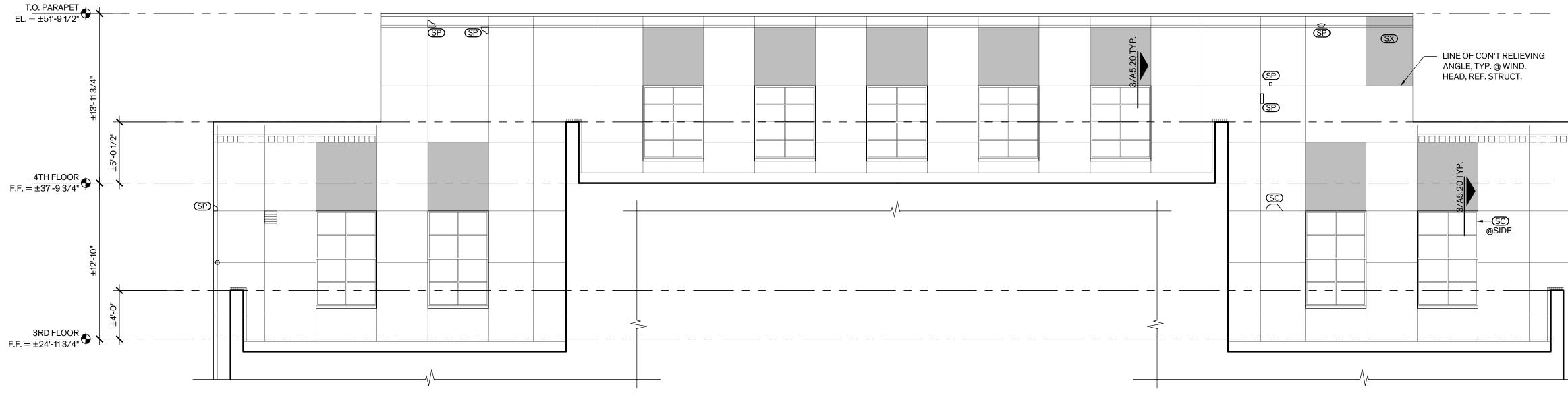


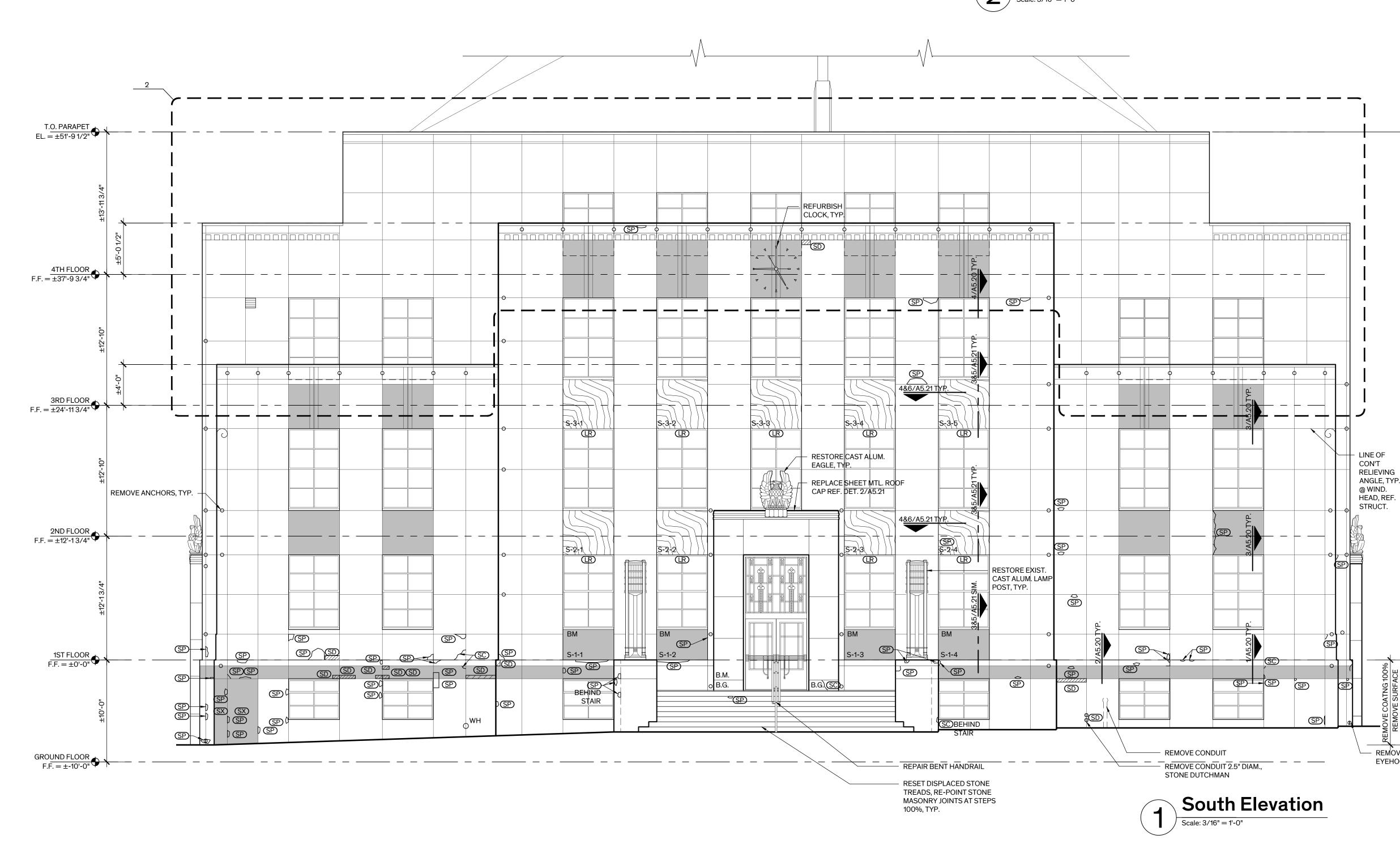
Architexas No. 2443

Date July 11, 2025

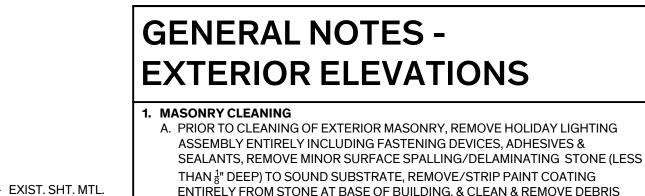
Sheet Name NORTH EXTERIOR ELEVATION

Sheet Number









COPING, TYP.

ENTIRELY FROM STONE AT BASE OF BUILDING, & CLEAN & REMOVE DEBRIS (DIRT, BIRD DROPPING, ETC...) FROM EXTERIOR SURFACES. B. CHEMICALLY CLEAN STONE MASONRY 100% BELOW LINE OF 1ST FLOOR. SELECTIVELY CLEAN STONE MASONRY ABOVE THE 1ST FLOOR 100% BELOW WASH SURFACES (I.E. WINDOW SILLS & COPINGS) & 25% THE REMAINING FACADES. CLEAN SALVAGED MARBLE SPANDREL PANELS SCHEDULED FOR REINSTALLATION 100%. FOR BIDDING PURPOSES, ASSUME ADDITIONAL CLEANING WILL BE REQUIRED TO REMOVE MORE PERSISTENT STAINING AT THE BASE OF BUILDING, WHERE COATING REMOVAL IS SCHEDULED, AT ADHESIVE SPOTS WHERE HOLIDAY LIGHTING IS REMOVED, & AT ENTRY STEPS WHERE NON-SLIP TAPES WERE REMOVED.

. MASONRY RESTORATION: A. RESTORE STONE MASONRY WHERE INDICATED. SEE BELOW FOR KEY TO DESCRIPTION OF WORK:

- LR: LINTEL REPLACEMENT: REMOVE & REPLACE STEEL LINTEL WHERE INDICATED. REMOVE STONE VENEER AS REQUIRED TO REMOVE & REPLACE LINTEL. PROVIDE TEMPORARY SHORING AS REQUIRED TO COMPLETE THE WORK. PROVIDE FLASHING & WEEPS. REPAIR DAMAGE TO SURROUNDING STONE. RESET STONE WITH STAINLESS STEEL ANCHORS.
- SC: STONE CRACK REPAIR: REMOVE LOOSE & UNSOUND STONE & PREPARE CRACKED STONE AS SPECIFIED FOR INJECTION GROUTING. SD: STONE DUTCHMAN REPAIR: REMOVE EXISTING DAMAGED SECTION OF STONE TO SOUND MATERIAL. CUT & FIT RECTANGULAR STONE DUTCHMAN TO TIGHTLY FIT INTO AREA OF MISSING STONE AS SPECIFIED.
- REPLACEMENT STONE TO MATCH TYPE, COLOR, GRAINING, & TEXTURE OF ADJACENT STONE. SP: STONE PATCH REPAIR: REMOVE EXISTING DAMAGED SECTION OF STONE TO SOUND MATERIAL. PREP STONE AS REQUIRED FOR SPECIFIED
- PATCHING MATERIAL. PATCH SHALL MATCH COLOR & SURFACE TEXTURE OF ADJACENT STONE. SR: STONE REPLACEMENT: CAREFULLY REMOVE DAMAGED STONE UNIT
- ENTIRELY. PROVIDE TEMPORARY SHORING AS REQUIRED. PROVIDE REPLACEMENT UNIT TO MATCH EXIST. IN TYPE, DIMENSIONS, PROFILE, COLOR, GRAINING, & SURFACE TEXTURE. RESET STONE WITH STAINLESS STEEL ANCHORS. SX: RESET DISPLACED STONE: CAREFULLY REMOVE & SALVAGE DISPLACED
- STONE. PROVIDE TEMPORARY SHORING AS REQUIRED. PREP & PAINT EXPOSED STEEL ELEMENTS & PROVIDE FLASHING AS SPECIFIED. RESET SALVAGED STONE IN ORIGINAL POSITION WITH STAINLESS STEEL ANCHORS. SET UNIT IN FULL SETTING BED & RE-POINT WITH APPROVED MORTAR.

3. MASONRY MORTAR JOINTS: RE-POINT STONE MORTAR JOINTS 100%.

. SHELF ANGLES/LINTELS:

- A. AT THE GROUND FLOOR REMOVE STONE VENEER TO EXPOSE CONDITION OF PERIMETER SHELF ANGLE/LINTEL ENTIRELY. FOR BIDDING PURPOSES ASSUME SHELF ANGLE/LINTEL SHALL BE REPLACED 100%, REF. DETS. 1 & 2/A-5.20 & STRUCTURAL.
- B. AT THE 1ST, 2ND, & 3RD FLOORS REMOVE STONE VENEER ABOVE WINDOW OPENINGS 100% TO EXPOSE CONDITION OF LINTEL. FOR BIDDING PURPOSES ASSUME 20% OF LINTELS, WHERE CONTINUOUS, SHALL BE REPLACED & THE REMAINING SHALL BE RESTORED, REF. DET. 3 & 4/A-5.20 & STRUCTURAL. ASSUME MIN. 5 FOOT LONG LINTEL PLUS 1 FOOT EACH SIDE & REMOVAL & REINSTALLATION OF STONE ON EACH SIDE OF LINTEL. CONTACT ARCHITECT TO DETERMINE IF LINTEL REQUIRES REPLACEMENT & IF ADDITIONAL STONE REMOVAL IS NEEDED.
- C. AT THE 1ST & 2ND FLOORS REMOVE TEMPORARY PLYWOOD SPANDREL PANELS & REPLACE DISCONTINUOUS LINTELS 100%, REF. DET. 3 & 4/A-5.21 & STRUCTURAL.
- D. AT THE 4TH FLOOR REMOVE STONE VENEER ABOVE WINDOW OPENINGS 100% TO EXPOSE CONDITION OF LINTEL. FOR BIDDING PURPOSES ASSUME 30% OF LINTEL, WHERE CONTINUOUS, SHALL BE REPLACED & THE REMAINING SHALL BE RESTORED, REF. DET. 3/A-5.20 & STRUCTURAL. ASSUME MIN. 5 FOOT LONG LINTEL PLUS 1 FOOT EACH SIDE & REMOVAL & REINSTALLATION OF STONE ON EACH SIDE OF LINTEL. CONTACT ARCHITECT TO DETERMINE IF LINTEL REQUIRES REPLACEMENT & IF ADDITIONAL STONE REMOVAL IS NEEDED.
- . REMOVAL OF FASTENERS: REMOVE MISC. FASTENERS, BOLTS, CLAMPS, ETC... ON THE EXTERIOR OF THE BUILDING THAT ARE ATTACHED OR EMBEDDED IN EXIST. MATERIALS & ARE NOT BEING USED TO FASTEN ELEMENTS TO REMAIN. PATCH ALL HOLES AS SPECIFIED.
- 6. WINDOWS: RESTORE EXISTING WINDOWS 100%, REFER TO WINDOW SCHEDULE & GENERAL NOTES ON SHT. A-5.10 FOR SCOPE OF WORK
- 7. DOORS: REFER TO DOOR SCHEDULE ON SHT. A-5.01 FOR SCOPE OF WORK.
- 8. ROOFING: REFER TO ROOF PLAN, SHT. A-2.06 FOR SCOPE OF WORK.
- **D. SEALANT:** REPLACE SEALANT AT PERIMETER OF DOOR & WINDOW OPENINGS, BETWEEN DISSIMILAR MATERIALS, AT PERIMETER SHELF ANGLES, & MOVEMENT JOINTS.

10. PAINTING: STEEL GRILLES, SHELF ANGLES/LINTELS

1. ORNAMENTAL CAST ALUMINUM ELEMENTS:

- B. RESTORE THE FOLLOWING CAST ALUMINUM ELEMENTS: EAGLE SCULPTURES AT THE NORTH & SOUTH ENTRIES; LAMP POSTS AT THE NORTH & SOUTH ENTRY STEPS; TRANSOM GRILLES ABOVE ENTRY DOORS AT THE GROUND & 1ST FLOOR LEVELS; & RAILINGS AT THE NORTH & SOUTH BUILDING STEPS.
- . REMOVE SOILING & SURFACE DIRT WITH HOT WATER MIXED WITH MILD SOAP 8 GENTLY SCRUB WITH NYLON BRISTLE BRUSH. FOR REMOVAL OF LIGHT PITTING, TEST APPROPRIATE ALUMINUM CLEANERS IN DISCRETE LOCATION, SUCH AS PHOSPHORIC ACID BASED CLEANERS OR ALUMINUM JELLY.
- D. REMOVE NON-COMPATIBLE & RUSTED FASTENERS & REPLACE WITH FASTENERS MATCHING THE BASE METAL MATERIAL, ALUMINUM.

12. CLOCKS: AT BUILDING ELEVATIONS (4 LOCATIONS) REFURBISH FLUSH WALL CLOCKS TO FULLY FUNCTIONING CONDITION. REPLACE DAMAGED/DETERIORATED CLOCKWORKS, CLEAN & REFINISH NUMERALS & HANDS, COORDINATE STONE CLEANING & RESTORATION WORK TO PREVENT DAMAGE TO CLOCK FACE ELEMENTS.

COATNG 100% DVE SURFACE LLING 100%

REMOVE EXIST

EYEHOOK, TYP.

	LEGEND						
	BG	BLACK GRANITE					
	ВМ	BLACK MARBLE					
	(R	LINTEL OR SHELF ANGLE REPLACEMENT, REF. STRUCTURAL					
	SC	STONE CRACK REPAIR					
	SD	STONE DUTCHMAN REPAIR					
	SP	STONE PATCH REPAIR					
	SR	STONE REPLACEMENT					
	SX	RESET DISPLACED STONE					
.	~~	EXISTING CRACK					
		REMOVE ELEMENT					
		REMOVE & REINSTALL STONE					
		REMOVE SURFACE SPALLING & TOOL SURFACE TO MATCH ADJACENT STONE					
		REMOVE PLYWD. & REINSTALL SALVAGED MARBLE PANEL					

REMOVE ABANDONED ANCHORS

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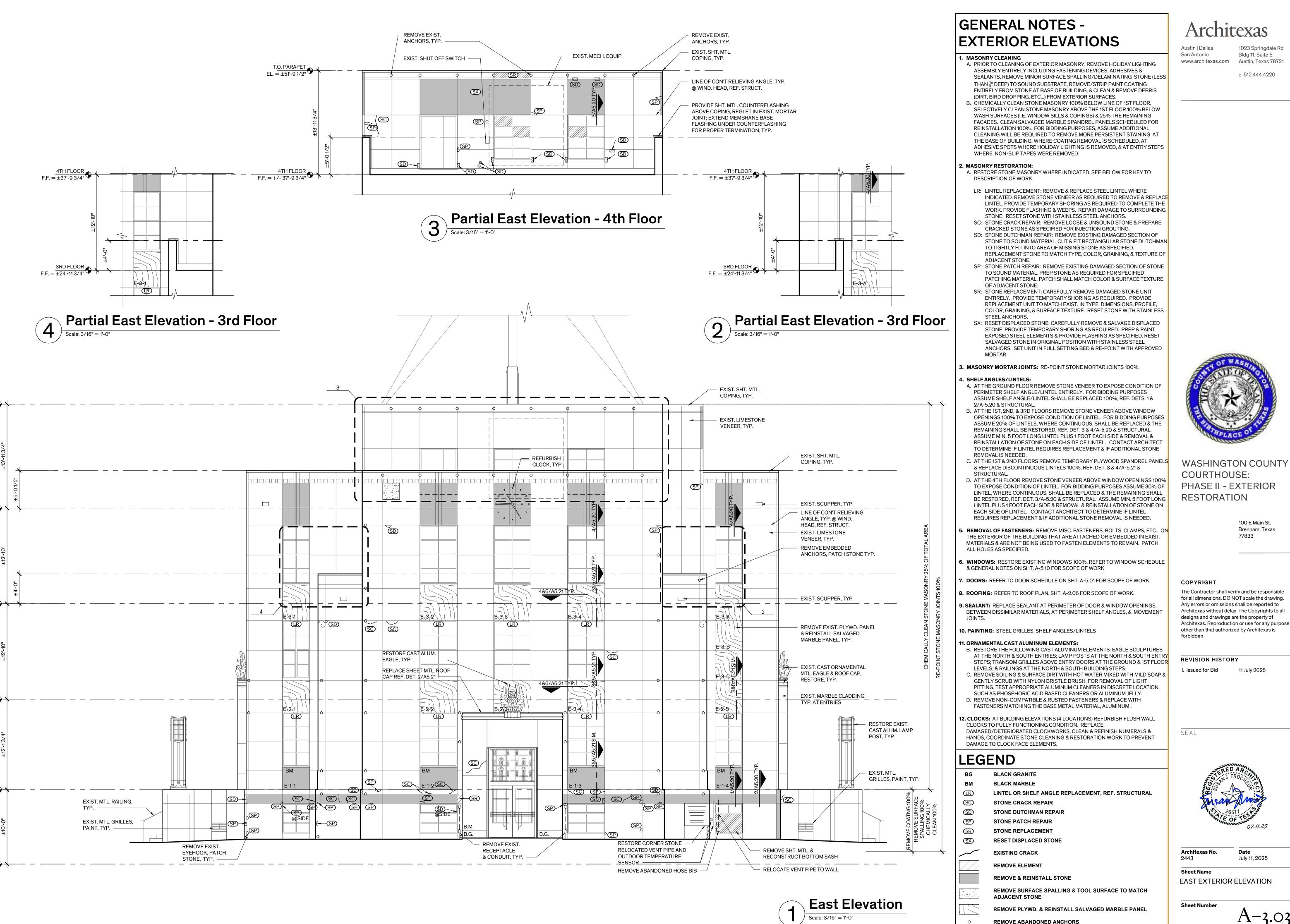


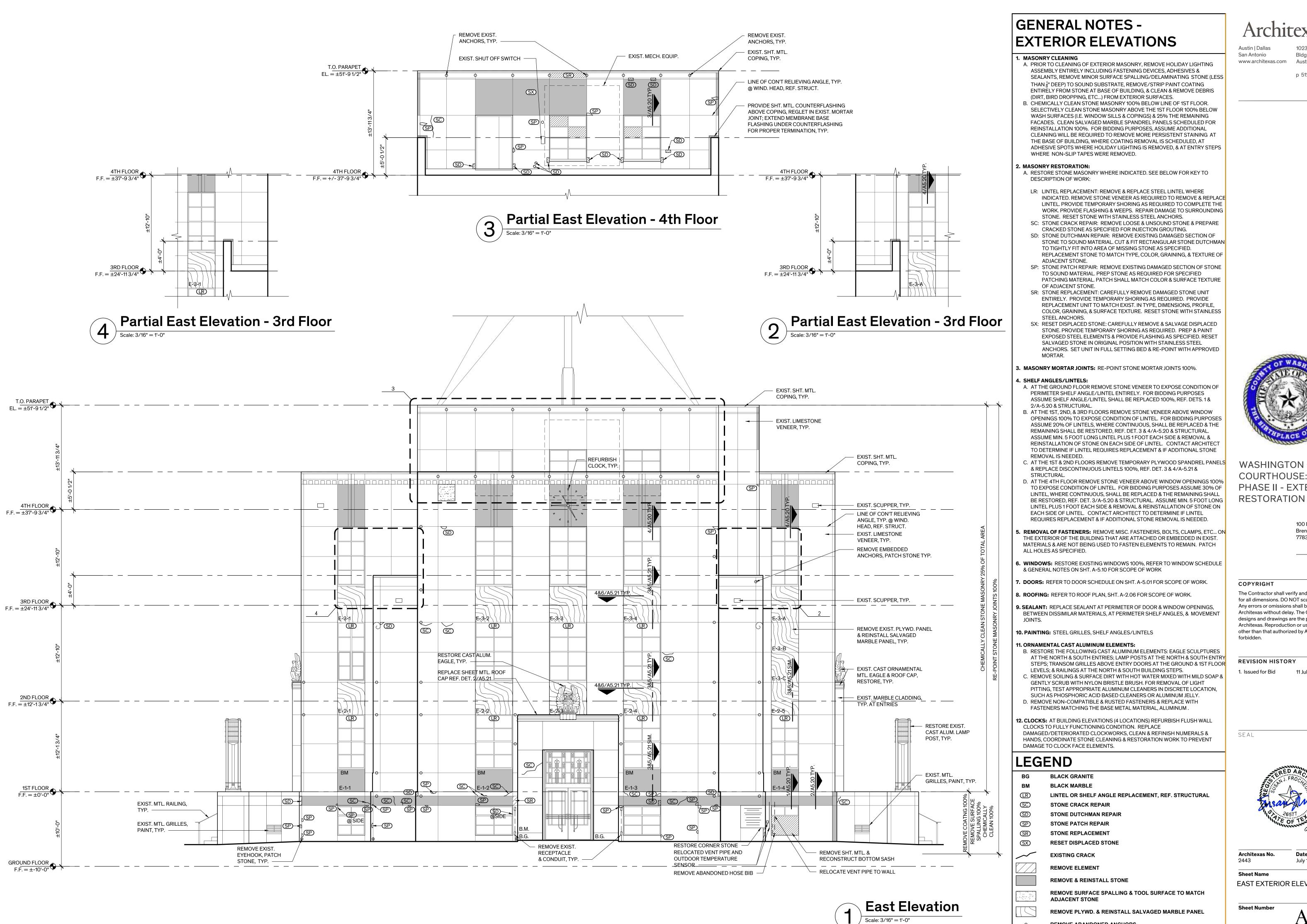
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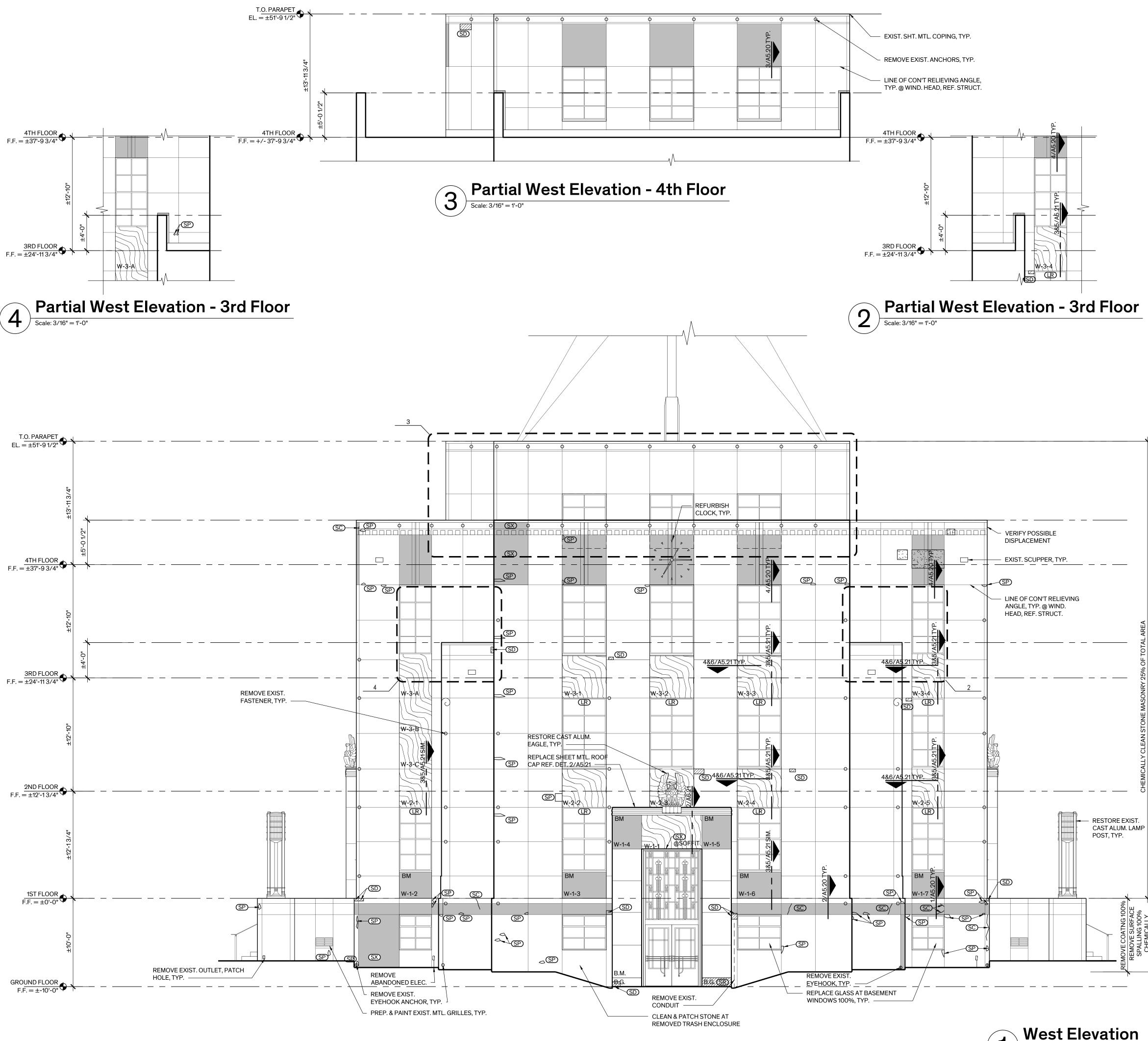
Date July 11, 2025

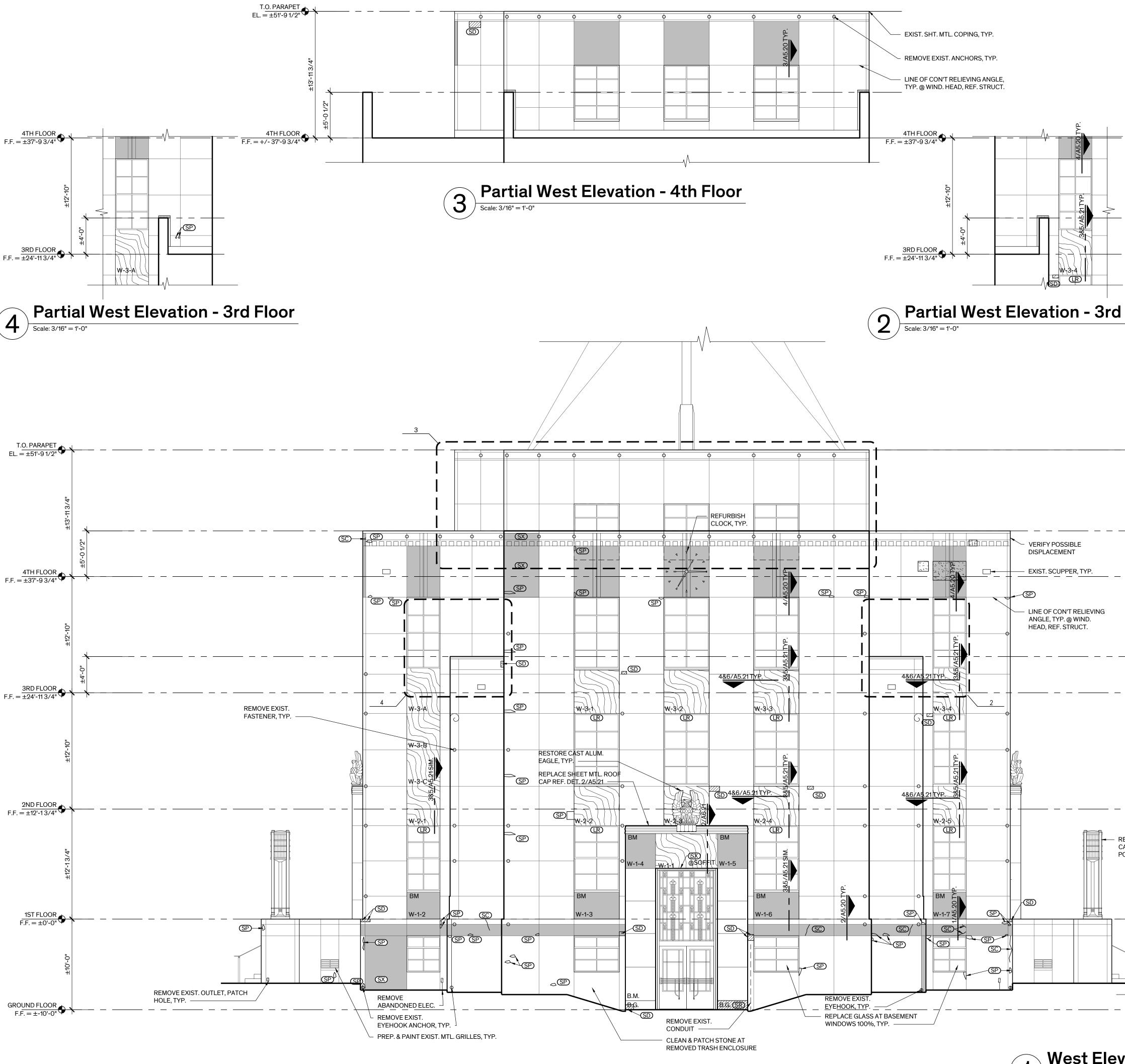
Sheet Name SOUTH EXTERIOR ELEVATION

A-3.02

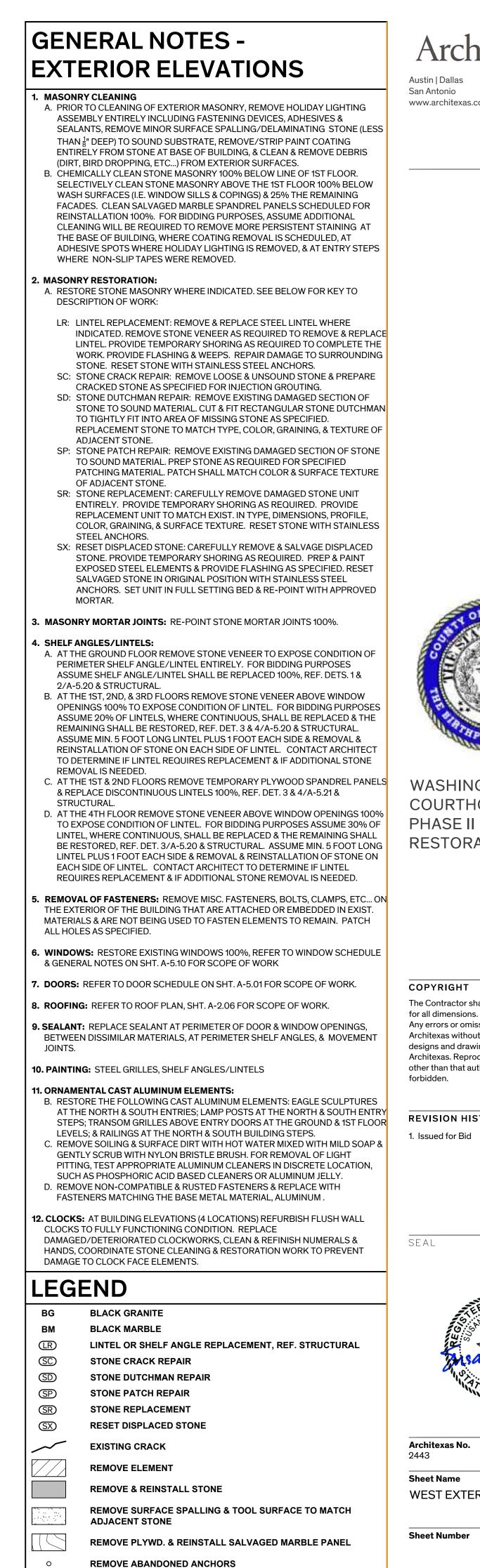








	West Elev
J	Scale: 3/16" = 1'-0"



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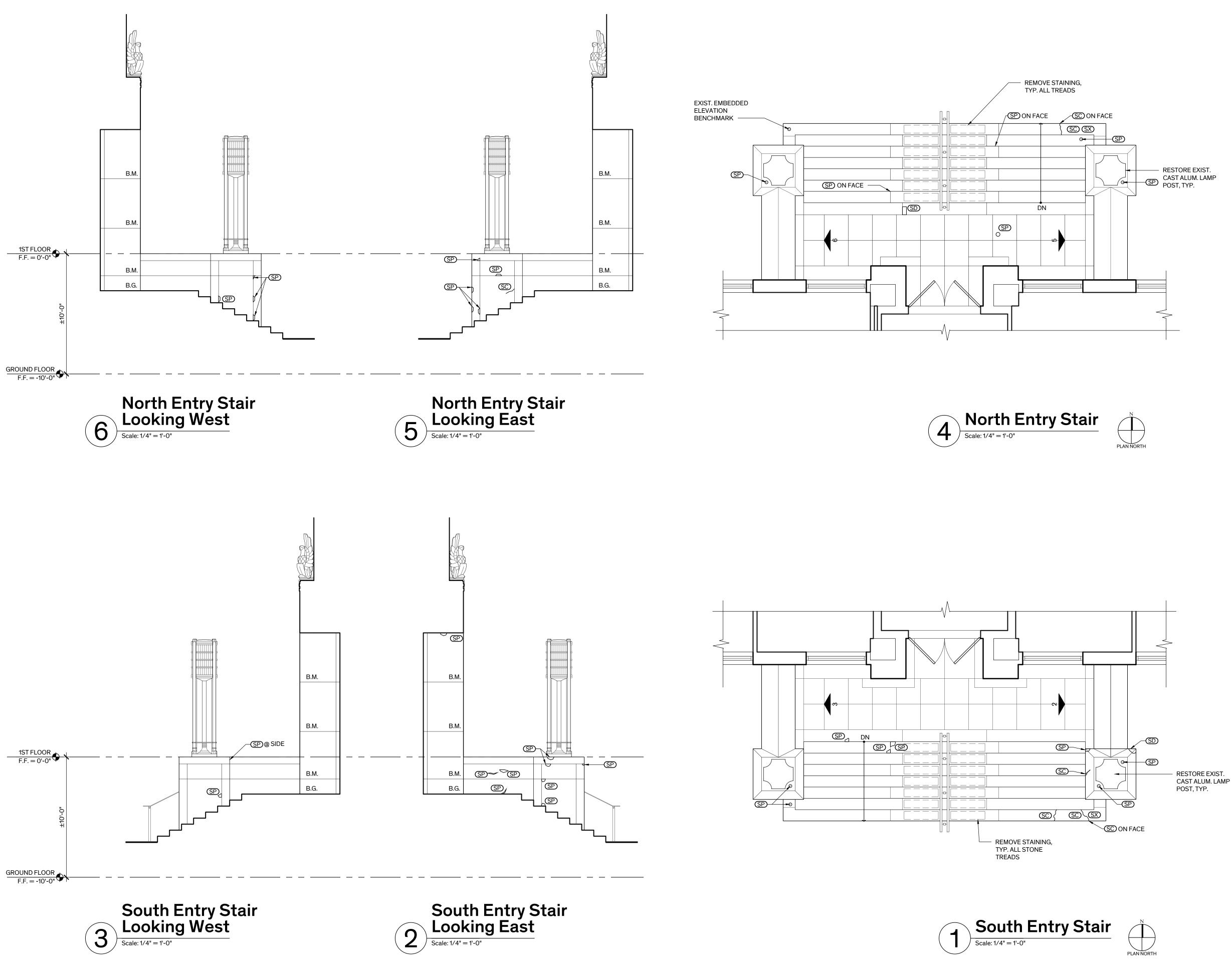


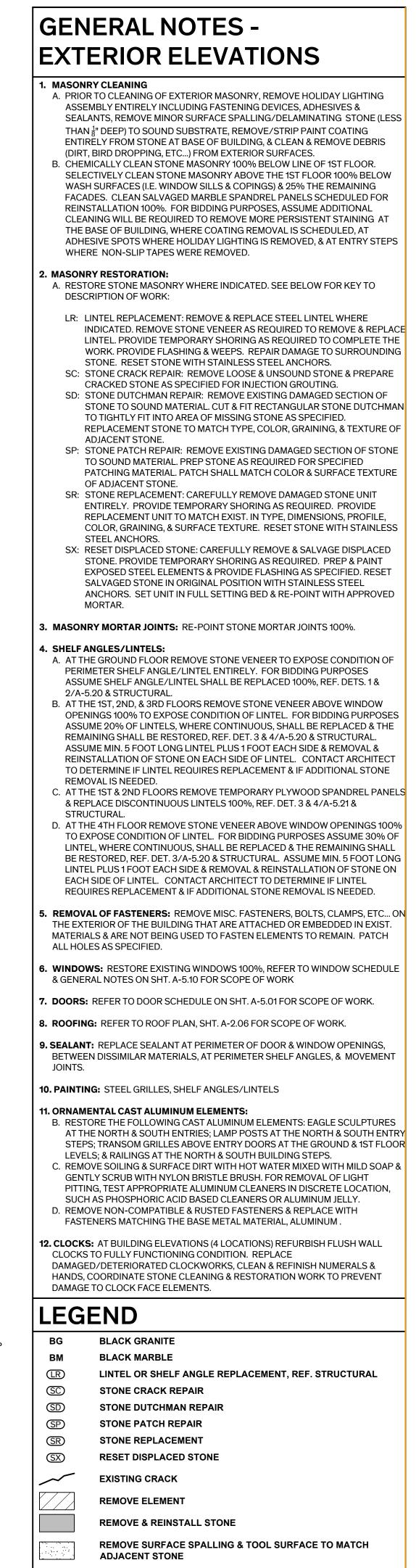
Architexas No. 2443

Date July 11, 2025

Sheet Name WEST EXTERIOR ELEVATION

Sheet Number





REMOVE PLYWD. & REINSTALL SALVAGED MARBLE PANEL **REMOVE ABANDONED ANCHORS**

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Architexas No. 2443

Date July 11, 2025

Sheet Name NORTH AND SOUTH ENTRY

Sheet Number

_					
	В	Α	S	Е	

DOOR #	NE
B01A	
B01B	

DOOR #	
	NF
	INE
1014	
101A	
4045	
 101B	

DOOR # DO NEW 402B

EMENT LEVEL

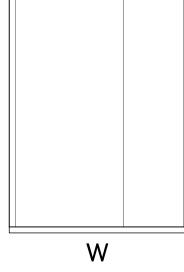
REMARKS	RATED	HARDWARE	DETAILS				MATERIAL		TYPE		DOOR SIZE	CASINGS		DOORS	
		SET NO.	TRANSOM	THRESH	JAMB	HEAD	FRAME	DOOR	CASING	DOOR	(V.I.F.)	EXST.	NEW	EXST.	EW
		X					ALUM	ALUM		A,B,C	PR 3'-0" x 7'-0" x 1 3/4"			۲	
		X					ALUM	ALUM		A,B,C	PR 3'-0" x 7'-0" x 1 3/4"			•	

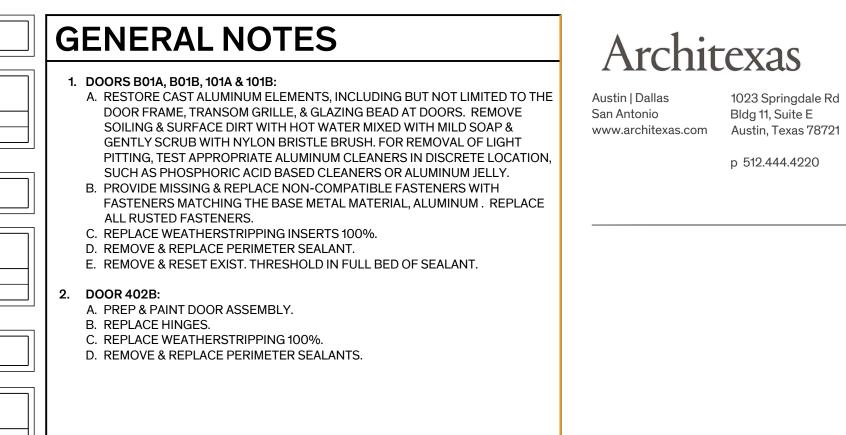
FIRST FLOOR LEVEL

DC	ORS	CAS	INGS	DOOR SIZE	TYPE	MAT	ERIAL		DET	AILS		HARDWARE	RATED	REMARKS
EW	EXST.	NEW	EXST.	(V.I.F.)	DOOR CASING	DOOR	FRAME	HEAD	JAMB	THRESH	TRANSOM	SET NO.	RAIED	REWARKS
	•			PR 3'-0" x 7'-0" x 1 3/4"	A,B,C	ALUM	ALUM					X		PROVIDE KEY CARD ACCESS.
	•			PR 3'-0" x 7'-0" x 1 3/4"	A.B.C	ALUM	ALUM					x		

FOURTH FLOOR LEVEL

DO	ORS	RS CASINGS		DOOR SIZE	TYPE		MATERIAL			DETAILS			HARDWARE		REMARKS
EW	EXST.	NEW	EXST.	(V.I.F.)	DOOR	CASING	DOOR	FRAME	HEAD	JAMB	THRESH	TRANSOM	SET NO.	RAIED	REMARKS
				PR 2'-8"/2'-0" x 6'-8" x 1 3/4"	W		HM	НМ					Х		







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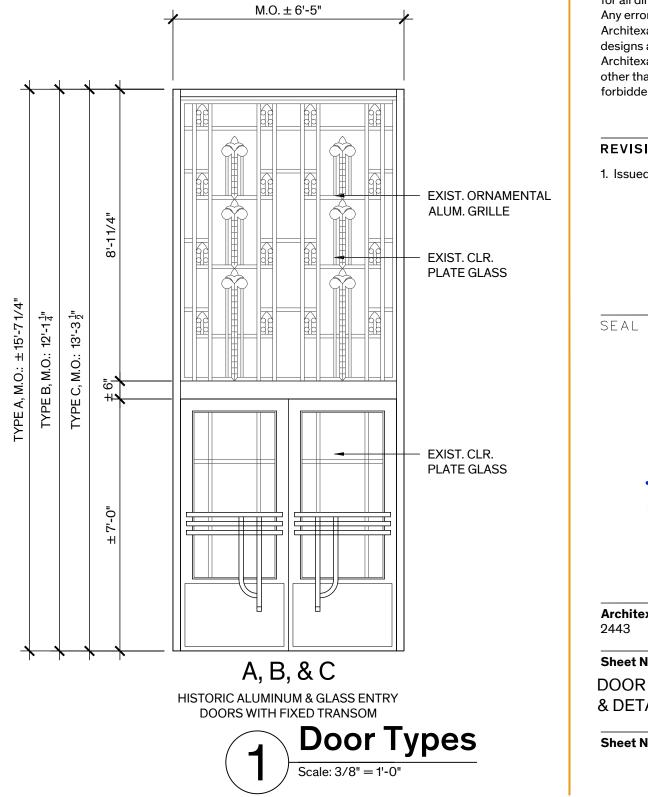
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Date July 11, 2025

Sheet Name DOOR SCHEDULE, TYPES, & DETAILS



WINDOW SCHEDULE

	COND	ITIONS	WINDOW				DETAILS		
NO.	NEW	EXIST.	OPENING SIZE (V.I.F.)	TYPE	MATERIAL	SILL	HEAD	JAMB	REMARKS
301			7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
302			7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
303		•	7'-10"x3'-8"	B3	Alum. / Glass	-	-	-	REMOVE INTERIOR STORM WINDOWS
304		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	REMOVE INTERIOR STORM WINDOWS
305		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	REMOVE INTERIOR STORM WINDOWS
306		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
307			7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
308		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
309		•	7'-10"x3'-8"	B3	Alum. / Glass	-	-	-	
310		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	REPLACE LOWER SASH
311		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	REPLACE LOWER SASH
312			7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	PATTERN GLASS
313			7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
314			7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	PATTERN GLASS
315		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	REMOVE/REINSTALL JAIL BARS
316		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
317		•	7'-10"x3'-8"	B3	Alum. / Glass	-	-	-	
318		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
319			7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
320		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
321		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
322		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
323		•	7'-10"x3'-8"	B3	Alum. / Glass	-	-	-	
324		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
325		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	PATTERN GLASS
326		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
327			7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
328			7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	

		COND	ITIONS	WINDOW				DETAILS		
—	NO.	NEW	IEW EXIST.	OPENING SIZE (V.I.F.)	TYPE	MATERIAL	SILL	HEAD	JAMB	REMARKS
>	401		•	6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	NOT ACCESSIBLE
Ш	402		•	6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	NOT ACCESSIBLE
	403		•	6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	NOT ACCESSIBLE
	404			6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	NOT ACCESSIBLE
	405			6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	NOT ACCESSIBLE
	406		•	6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	PROVIDE SHT. MTL. PANEL W/ PIPE SLEEVE
	407			6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	
	408		•	6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	NOT ACCESSIBLE
픈	409		•	6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	NOT ACCESSIBLE
¥	410			6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	NOT ACCESSIBLE
	411		•	6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	NOT ACCESSIBLE
	412		•	6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	NOT ACCESSIBLE
ŭ	413		•	6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	NOT ACCESSIBLE
	414		•	6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	NOT ACCESSIBLE
	415		•	6'-0"x5'-0"	B4	Alum. / Glass	-	-	-	NOT ACCESSIBLE
		•	•	•		•	•			-

]					1		1			
		COND	ITIONS					DETAILS	;	
	NO.	NEW	EXIST.	OPENING SIZE (V.I.F.)	TYPE	MATERIAL	SILL	HEAD	JAMB	REMARKS
	B01		•	4'-0"x5'-0"	A	Alum. / Glass	-	-	-	PATTERN GLASS
	B02		•	4'-0"x5'-0"	A	Alum. / Glass	-	-	-	
	B03		•	4'-0"x3'-8"	A1	Alum. / Glass	-	-	-	
	B04 B05		•	4'-0"x5'-0" 1'-1"x2'-0"	A A2	Alum. / Glass	-	-	-	
	B05 B06		•	1'-1"x2'-0"	A2 A2	Stl.	-	-	-	STRIP PAINT TO BARE METAL & REPAINT STRIP PAINT TO BARE METAL & REPAINT
	B00 B07			1'-1"x2'-0"	A2 A2	Stl.	-	-	-	STRIP PAINT TO BARE METAL & REPAINT STRIP PAINT TO BARE METAL & REPAINT
	B08			4'-0"x5'-0"	A	Alum. / Glass	-	-	-	REMOVE/REINSTALL INT. SECURITY GRILLES, PAINT
	B09		•	4'-0"x3'-8"	A1	Alum. / Glass	-	-	-	REMOVE/REINSTALL INT. SECURITY GRILLES, PAINT
	B10		•	4'-0"x5'-0"	A	Alum. / Glass	-	-	-	REMOVE/REINSTALL INT. SECURITY GRILLES, PAINT
Ш	B11		•	4'-0"x5'-0"	A	Alum. / Glass	-	-	-	REMOVE/REINSTALL INT. SECURITY GRILLES, PAINT
> ш	B12		•	4'-0"x5'-0"	A	Alum. / Glass	-	-	-	REMOVE/REINSTALL INT. SECURITY GRILLES, PAINT
<u> </u>	B13		•	4'-0"x5'-0"	A	Alum. / Glass	-	-	-	PATTERN GLASS
⊢	B14		•	4'-0"x5'-0"	A	Alum. / Glass	-	-	-	PATTERN GLASS
z	B15		•	4'-0"x5'-0"	A	Alum. / Glass	-	-	-	
ш	B16		•	4'-0"x3'-8"	A1	Alum. / Glass	-	-	-	PATTERN GLASS, REPLACE BOTTOM SASH
≥	B17		•	4'-0"x5'-0"	A	Alum. / Glass	-	-	-	PATTERN GLASS
Ш	B18	-	•	1'-1"x2'-0"	A2	Stl.	-	-	-	STRIP PAINT TO BARE METAL & REPAINT
S	B19		•	1'-1"x2'-0"	A2	Stl.	-	-	-	STRIP PAINT TO BARE METAL & REPAINT
A	B20		•	4'-0"x5'-0"	A	Alum. / Glass	-	-	-	
-	B21		•	4'-0"x3'-8"	A1	Alum. / Glass	-	-	-	
	B22 B23		•	4'-0"x5'-0" 4'-0"x5'-0"	A	Alum. / Glass	-	-	-	REMOVE/REINSTALL INT. SECURITY GRILLES, PAINT
	B23 B24		•	4'-0"x5'-0"	A A	Alum. / Glass Alum. / Glass	-	-	-	REMOVE/REINSTALL INT. SECURITY GRILLES, PAINT REMOVE/REINSTALL INT. SECURITY GRILLES, PAINT
	B24 B25			4'-0"x5'-0"	A	Alum. / Glass	-	-	-	PATTERN GLASS
				4-0 10-0	Λ	Alulli. / Glass				
		COND	ITIONS	WINDOW				DETAILS	;	
	NO.			OPENING SIZE	TYPE	MATERIAL				REMARKS
		NEW	EXIST.	(V.I.F.)			SILL	HEAD	JAMB	
	101		•	7'-2"x5'-0"	В	Alum. / Glass	-	-	-	
	102		•	7'-2"x5'-0"	В	Alum. / Glass	-	-	-	
	103		•	7'-2"x3'-8"	B1	Alum. / Glass	-	-	-	
_	104		•	7'-2"x5'-0"	В	Alum. / Glass	-	-	-	
ш	105	-	•	7'-2"x5'-0"	В	Alum. / Glass	-	-	-	
>	106		•	7'-2"x5'-0"	B	Alum. / Glass	-	-	-	
Щ	107		•	7'-2"x5'-0"	B	Alum. / Glass	-	-	-	
	108		•	7'-2"x3'-8" 7'-2"x5'-0"	B1	Alum. / Glass	-	-	-	
<u>с</u>	110		•	7'-2"x5'-0"	B	Alum. / Glass	-	-	-	
	111			7'-2"x5'-0"	B	Alum. / Glass Alum. / Glass	-	-	-	
	112			7'-2"x5'-0"	B	Alum. / Glass Alum. / Glass	-	-	-	
ш	112			7'-2"x5'-0"	B	Alum. / Glass	-	-	-	
⊢	114		•	7'-2"x5'-0"	B	Alum. / Glass	-	-	-	
လ	115		•	7'-2"x3'-8"	B1	Alum. / Glass	-	-	-	INTERIOR WD. SHUTTERS TO REMAIN; DELIVER BLINDS TO OWNER, DO NOT INSTAL
۲	116		•	7'-2"x5'-0"	В	Alum. / Glass	-	-	-	INTERIOR WD. SHUTTERS TO REMAIN; DELIVER BLINDS TO OWNER, DO NOT INSTAI
— 止	117		•	7'-2"x5'-0"	В	Alum. / Glass	-	-	-	INTERIOR WD. SHUTTERS TO REMAIN: DELIVER BLINDS TO OWNER, DO NOT INSTAL
	118		•	7'-2"x5'-0"	В	Alum. / Glass	-	-	-	
	119		•	7'-2"x5'-0"	В	Alum. / Glass	-	-	-	
	120		•	7'-2"x3'-8"	B1	Alum. / Glass	-	-	-	
	121		•	7'-2"x5'-0"	В	Alum. / Glass	-	-	-	
	122		•	7'-2"x5'-0"	В	Alum. / Glass	-	-	-	
	123		•	7'-2"x5'-0"	В	Alum. / Glass	-	-	-	
	124		•	7'-2"x5'-0"	В	Alum. / Glass	-	-	-	
]										
]		1			1	1	1			T
		COND	ITIONS	WINDOW				DETAILS	5	
	NO.		EVICT		TYPE	MATERIAL	<u></u>			REMARKS
			EXIST.	(V.I.F.)			SILL	HEAD	JAMB	
	201		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
	202		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
	203		•	7'-10"x3'-8" 7'-10"x5'-0"	B1 B2	Alum. / Glass	-	-	-	
1 1	1 /1/4	1		(- IU XO -U)	. 15/		. –		. –	

			00110		VIINDOVV					,	
		NO.	NEW	EXIST.	OPENING SIZE (V.I.F.)	TYPE	MATERIAL	SILL	HEAD	JAMB	REMARKS
		201		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
		202		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
		203		•	7'-10"x3'-8"	B1	Alum. / Glass	-	-	-	
		204		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
		205		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
		206		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
		207		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
		208		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
Ц – Ц		209		•	7'-10"x3'-8"	C1	Alum. / Glass	-	-	-	PATTERN GLASS
ШШ		210		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
		211		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
<u>د</u>		212		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
		213		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	NOT ACCESSIBLE
0		214		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
		215		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
LL		216		•	7'-10"x5'-0"	С	Alum. / Glass	-	-	-	PATTERN GLASS
		217		•	7'-10"x5'-0"	С	Alum. / Glass	-	-	-	PATTERN GLASS
Z		218		•	7'-10"x5'-0"	С	Alum. / Glass	-	-	-	
0		219		•	7'-10"x5'-0"	С	Alum. / Glass	-	-	-	FIX WINDOW SHUT, SEAL PERIMETER OF OPERABLE SASHES
U		220		•	7'-10"x5'-0"	С	Alum. / Glass	-	-	-	
Ш		221		•	7'-10"x5'-0"	С	Alum. / Glass	-	-	-	PATTERN GLASS
S		222		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
		223		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
		224		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
		225		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	NOT ACCESSIBLE
		226		•	7'-10"x5'-0"	B2	Alum. / Glass	-	-	-	
	L										

GENERAL NOTES

- **SCOPE OF WORK:** INCLUDES THE FULL RESTORATION OF EXTERIOR ALUMINUM WINDOW ASSEMBLIES. THE INTENT OF THE SCOPE IS TO RESTORE & REFINISH WINDOW ASSEMBLIES TO FULLY FUNCTIONING/OPERABLE CONDITION U.O.N. FOR WINDOWS OR PORTIONS OF WINDOWS SCHEDULED TO BE RECONSTRUCTED FIELD VERIFY ROUGH OPENING & OTHER DIMENSIONS AS REQUIRED TO MATCH EXISTING FOR PROPER FIT & FUNCTION.
- **2. SURVEY:** A GENERAL SURVEY OF THE WINDOWS HAS BEEN COMPLETED. GENERAL SCOPE FOR ALL WINDOWS SHALL INCLUDED: A. REMOVE & REINSTALL WINDOW TREATMENTS THROUGHOUT AS REQ'D TO
- RESTORE WINDOWS. B. REMOVE & REPLACE PERIMETER SEALANTS 100%.
- C. REMOVE PAINT COATING ON INTERIOR SURFACES OF ALUMINUM FRAME. D. REMOVE GLASS & GLAZING COMPOUNDS/SEALANTS 100%. SALVAGE
- PATTERNED PYRAMIDAL GLASS, BOX & LABEL & RETURN TO OWNER. E. AT DOUBLE HUNG WINDOWS REPLACE INTERIOR METAL GLAZING BEAD & TAPE TYPE BALANCE SYSTEM 100%. AT CASEMENT WINDOWS REMOVE & SALVAGE METAL GLAZING BEAD FOR REINSTALLATION. TAG EACH PIECE WITH NUMBERING SYSTEM ASSOCIATED WITH WINDOW TAG TO BE ABLE TO
- REINSTALL IN ORIGINAL POSITION. F. WHERE MODIFICATIONS TO WINDOWS HAVE OCCURRED RESULTING FROM RETROFIT MECHANICAL VENTS, FABRICATE METAL REPLACEMENT SASHES/COMPONENTS WITH PROFILES AND DIMENSIONS TO MATCH ORIGINAL CONSTRUCTION AND APPEARANCE U.O.N.
- G. REPAIR DETERIORATED AREAS OF WINDOW FRAME ON OUTSIDE FACE BEHIND SEALANT JOINT. FOR BIDDING PURPOSES, ASSUME 15% OF ENTIRE FRAME WILL REQUIRE REPAIR.
- H. INSPECT EXISTING FRAME ANCHORAGE TO BUILDING STRUCTURE & RE-SECURE AS NEEDED. TIGHTEN LOOSE FASTENERS & REPLACE DEFICIENT ONES.
- I. CLEAN & POLISH EXPOSED ALUMINUM ELEMENTS & COMPONENTS TO REMOVE HARMFUL DEPOSITS & IMPROVE EXISTING APPEARANCE. APPLY CLEAR PROTECTIVE FINISH TO EXTERIOR & INTERIOR EXPOSED SURFACES AS SPECIFIED.
- J. HARDWARE: CLEAN, REPAIR, LUBRICATE HARDWARE AS NEEDED. REPLACE DAMAGED HARDWARE AND OR COMPONENTS BEYOND REPAIR, MATCH EXISTING HARDWARE AND FINISH.
- K. REPLACE/PROVIDE WEATHERSTRIPPING 100% AT OPERABLE SASHES. TYPE TO BE DETERMINED DURING MOCK-UPS. L. AT EXTERIOR STEEL LINTELS SCHEDULED TO REMAIN, REMOVE RUST 100%
- AT EXPOSED SURFACES AND TREAT WITH SPECIFIED HIGH PERFORMANCE COATING. M. INTERIOR METAL SECURITY GRILLES & JAIL BARS: REMOVE & REINSTALL AS REQUIRED TO COMPLETE WINDOW RESTORATION WORK, PREP & REPAINT.
- **3. MOCK-UPS:** PRIOR TO THE START OF WINDOW RESTORATION WORK PROVIDE A FULL SCALE MOCK-UP IN-SITU OF EACH WINDOW TYPE, I.E. DOUBLE HUNG AND CASEMENT WINDOW, EXHIBITING FULL RANGE OF REPAIR/RESTORATION EXPECTED IN FINAL WORK.
- **TEMPORARY PROTECTION:** PROVIDE TEMPORARY ENCLOSURES FOR WINDOW OPENINGS FOR SECURITY & ENSURING BUILDING IS WEATHERTIGHT.
- 5. INTERIOR FINISHES: REPAIR DAMAGED INTERIOR FINISHES RESULTING FROM THE WINDOW RESTORATION WORK. PAINT REPAIRED AREAS TO NEAREST BREAK, MATCH EXIST. PAINT COLOR & SHEEN.

ALTERNATES

REFER TO SPEC. SECTION 01230 - ALTERNATES FOR DETAILED DESCRIPTION OF WORK

ALTERNATE NO. 1: REPLACE EXTERIOR WINDOWS 100%.

ALTERNATE NO. 3: PROVIDE MTL. BLINDS AT EXTERIOR WINDOWS 100%

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p 512.444.4220



WASHINGTON COUNTY COURTHOUSE: PHASE II - EXTERIOR RESTORATION

100 E Main St. Brenham, Texas 77833

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REVISION HISTORY

1. Issued for Bid 11 July 2025

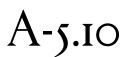
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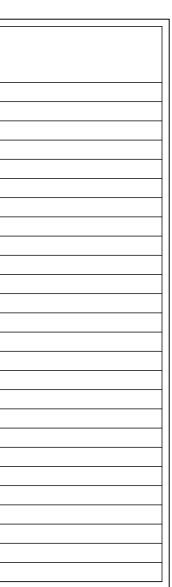


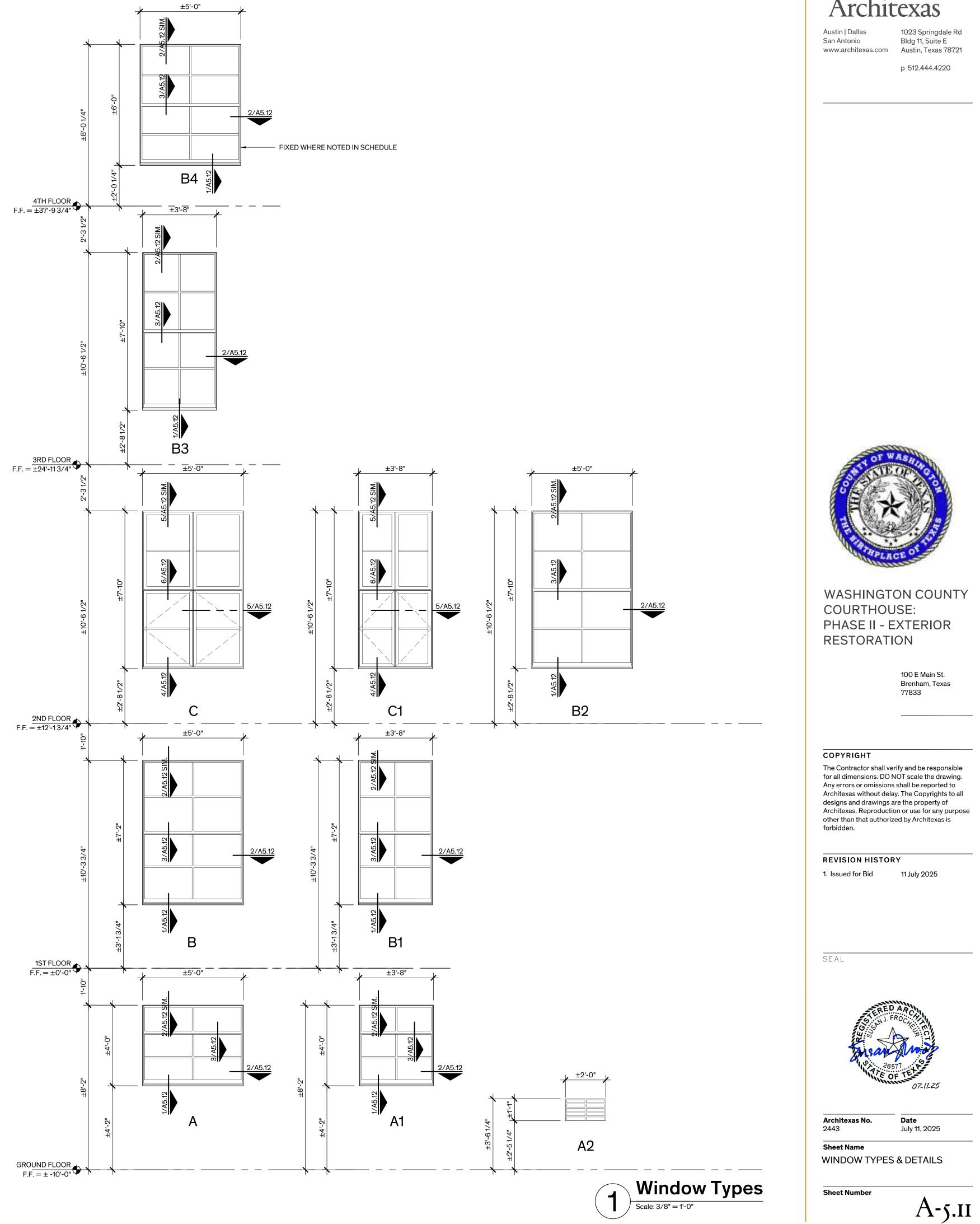
Architexas No. 2443

Date July 11, 2025

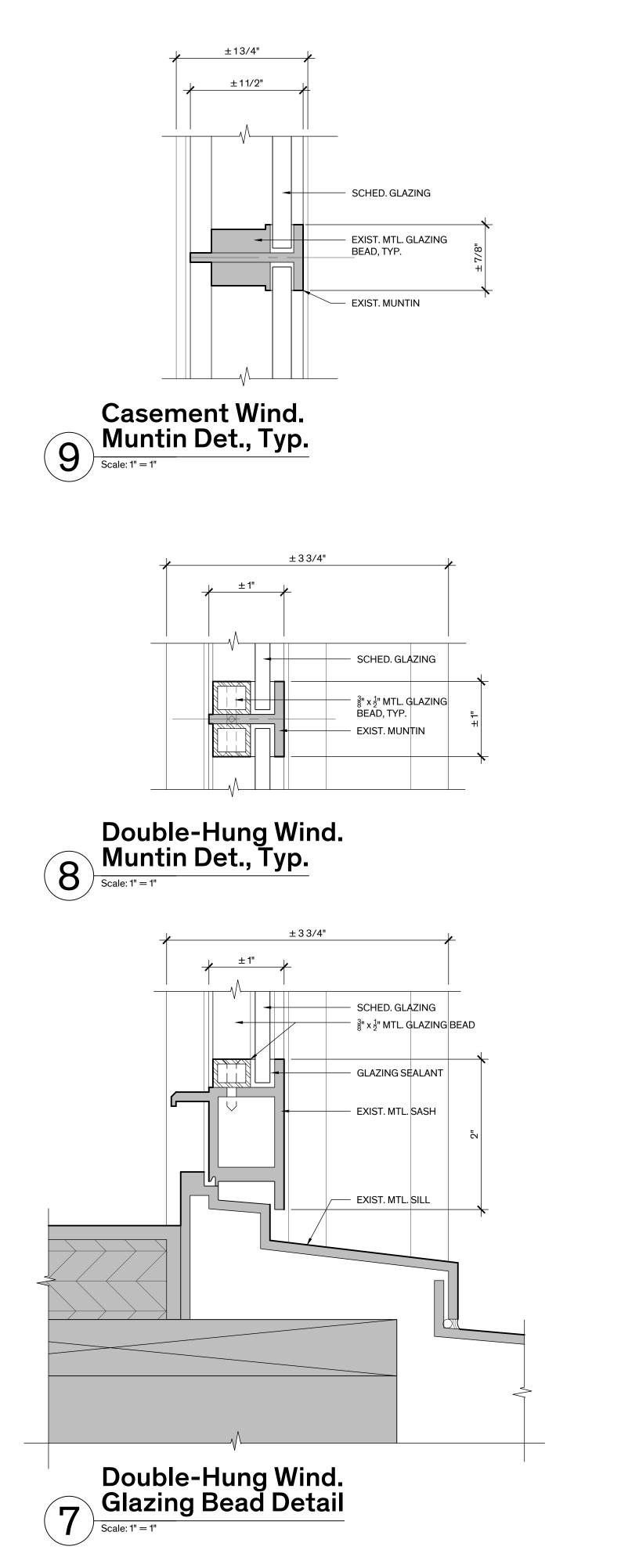
Sheet Name WINDOW SCHEDULE





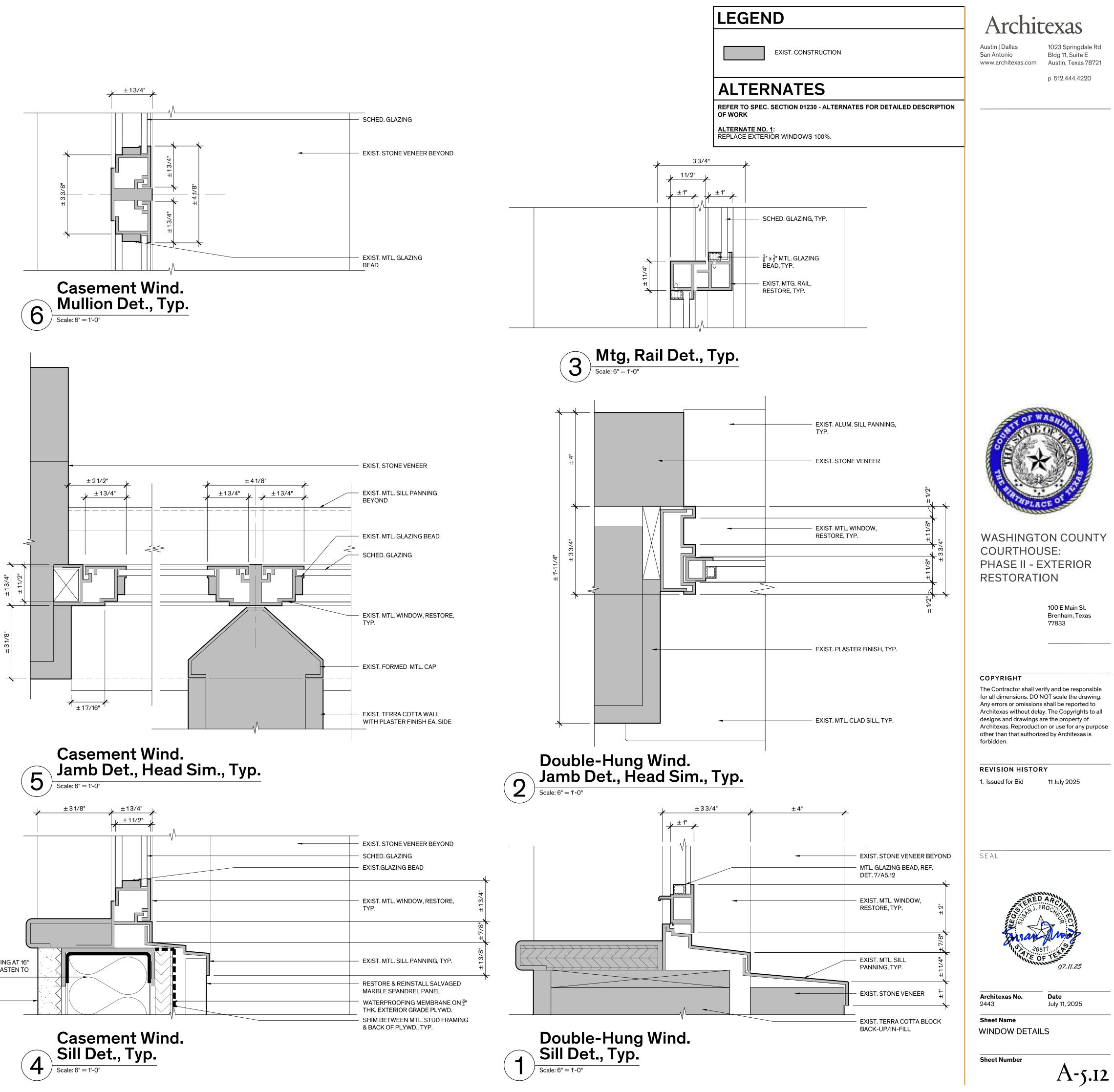


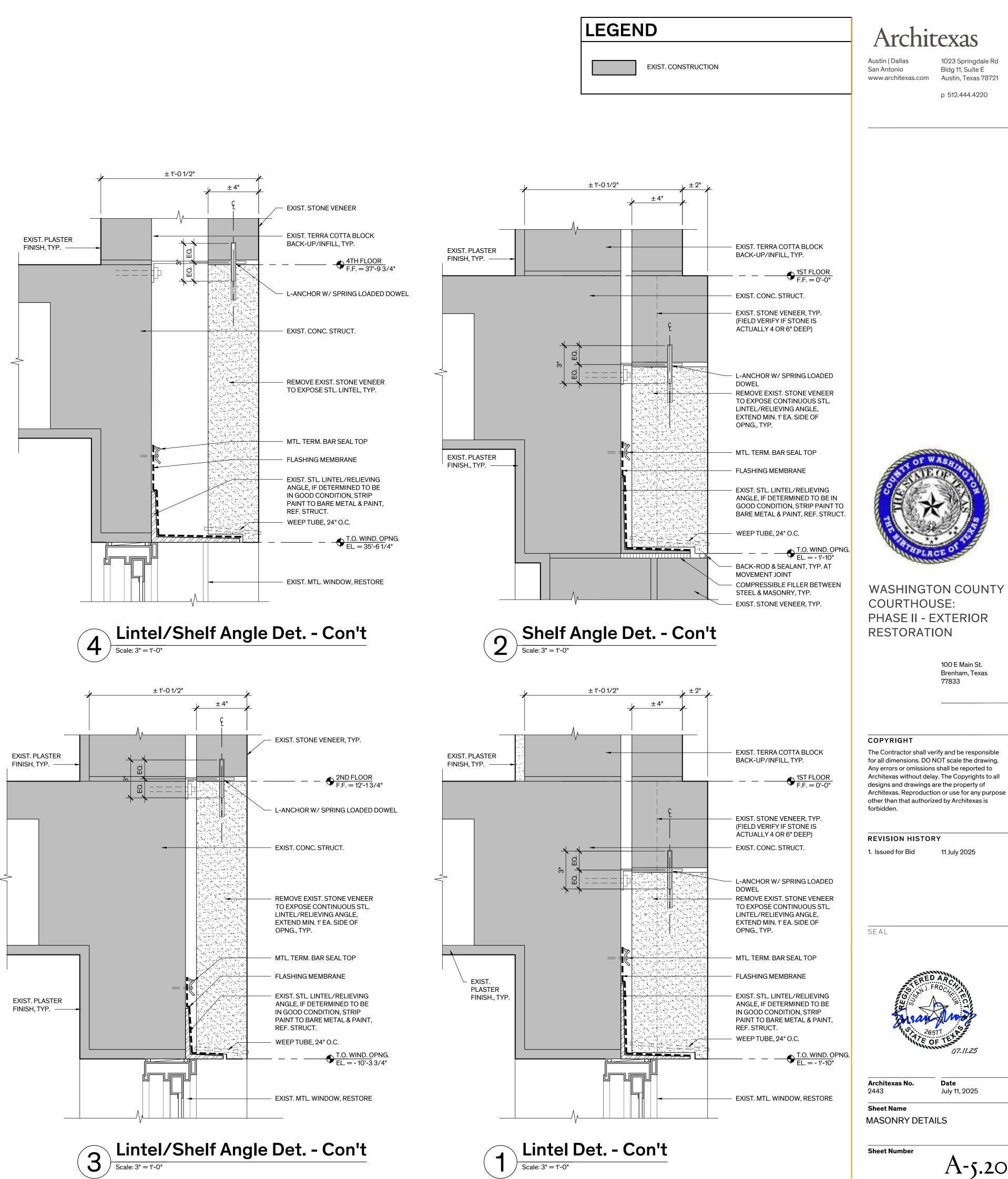
Architexas



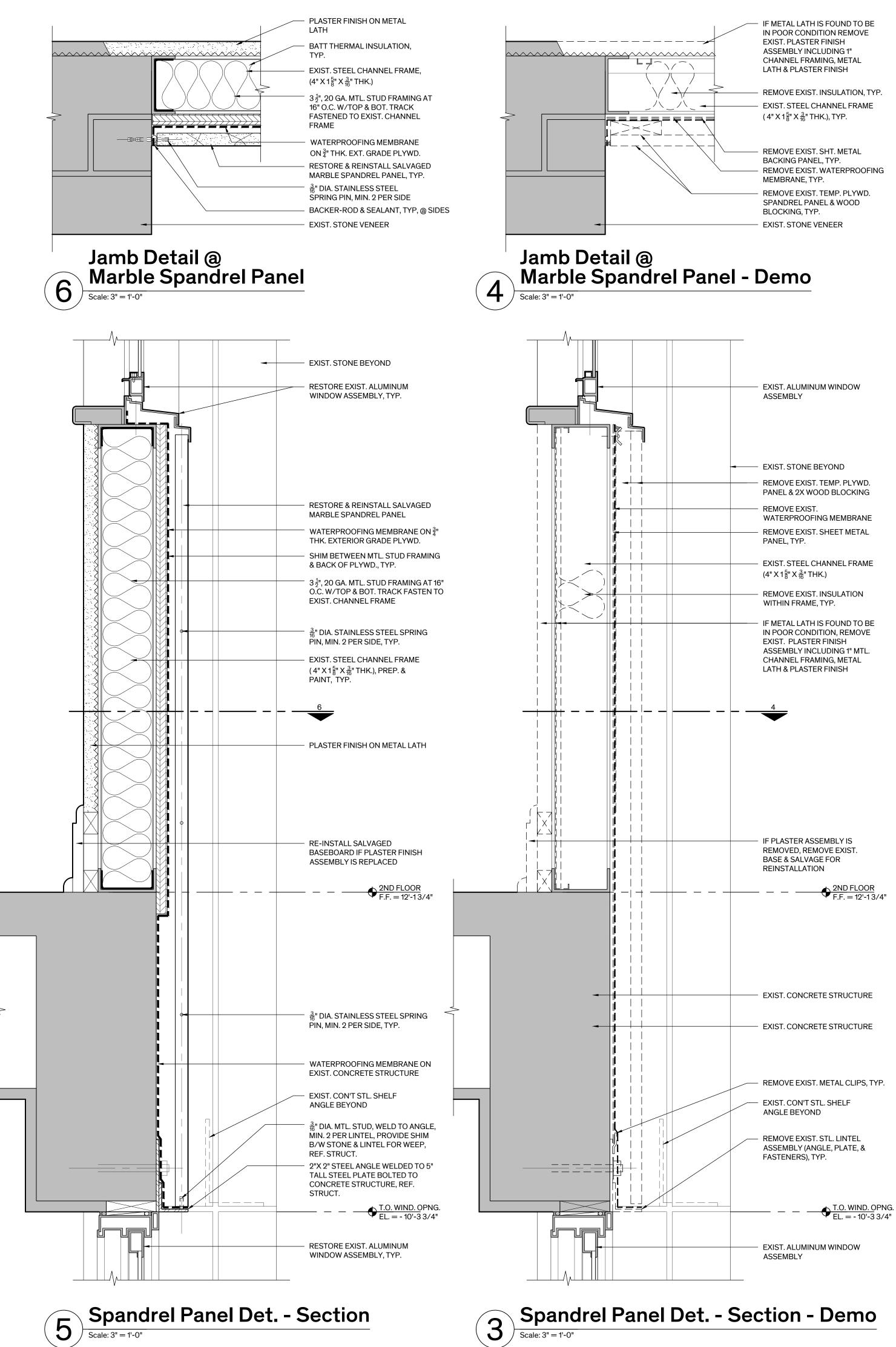
 $3\frac{1}{2}$ ", 20 GA. MTL. STUD FRAMING AT 16" O.C. W/TOP & BOT. TRACK FASTEN TO EXIST. CHANNEL FRAME

PLASTER FINISH ON METAL LATH





A-5.20



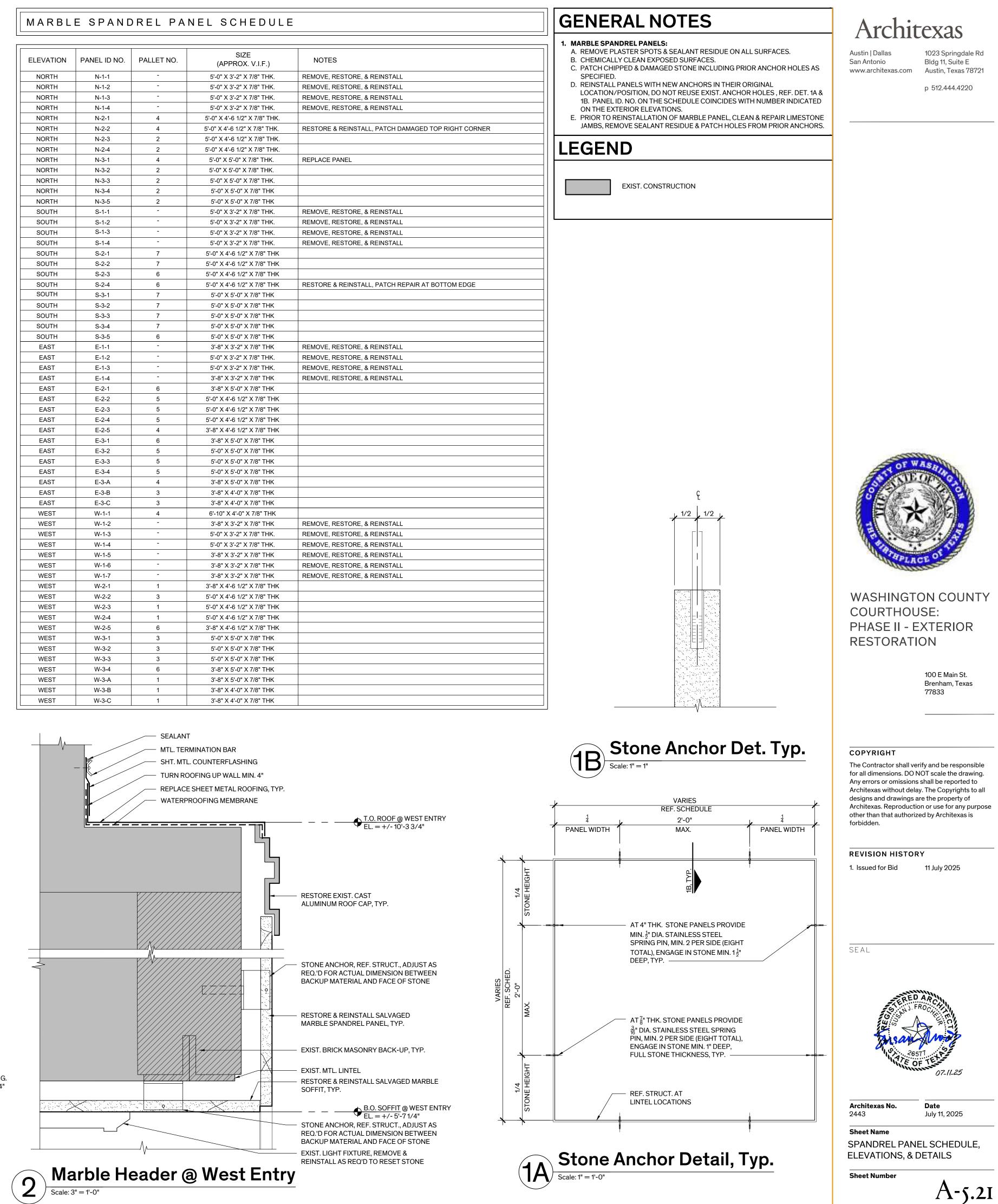
IF METAL LATH IS FOUND TO BE IN POOR CONDITION REMOVE EXIST. PLASTER FINISH ASSEMBLY INCLUDING 1" CHANNEL FRAMING, METAL LATH & PLASTER FINISH

REMOVE EXIST. INSULATION, TYP. EXIST. STEEL CHANNEL FRAME (4" X 1⁵8" X 36" THK.), TYP.

REMOVE EXIST. SHT. METAL BACKING PANEL, TYP. REMOVE EXIST. WATERPROOFING MEMBRANE, TYP. REMOVE EXIST. TEMP. PLYWD. SPANDREL PANEL & WOOD BLOCKING, TYP. EXIST. STONE VENEER

		EXIST. ALUMINUM WINDOW ASSEMBLY	
		EXIST. STONE BEYOND REMOVE EXIST. TEMP. PLYWD. PANEL & 2X WOOD BLOCKING REMOVE EXIST. WATERPROOFING MEMBRANE REMOVE EXIST. SHEET METAL PANEL, TYP. EXIST. STEEL CHANNEL FRAME (4" X 1 $\frac{5}{8}$ " X $\frac{3}{16}$ " THK.) REMOVE EXIST. INSULATION WITHIN FRAME, TYP. IF METAL LATH IS FOUND TO BE IN POOR CONDITION, REMOVE EXIST. PLASTER FINISH	
 		ASSEMBLY INCLUDING 1" MTL. CHANNEL FRAMING, METAL LATH & PLASTER FINISH	
		IF PLASTER ASSEMBLY IS REMOVED, REMOVE EXIST. BASE & SALVAGE FOR REINSTALLATION 	
		EXIST. CONCRETE STRUCTURE EXIST. CONCRETE STRUCTURE	
		REMOVE EXIST. METAL CLIPS, TYP. EXIST. CON'T STL. SHELF ANGLE BEYOND REMOVE EXIST. STL. LINTEL ASSEMBLY (ANGLE PLATE &	v
		ASSEMBLY (ANGLE, PLATE, & FASTENERS), TYP. 	
		EXIST. ALUMINUM WINDOW ASSEMBLY	

ELEVATION	PANEL ID NO.	PALLET NO.	SIZE (APPROX. V.I.F.)	NOTES
NORTH	N-1-1	-	5'-0" X 3'-2" X 7/8" THK.	REMOVE, RESTORE, & REINSTALL
NORTH	N-1-2	-	5'-0" X 3'-2" X 7/8" THK.	REMOVE, RESTORE, & REINSTALL
NORTH	N-1-3	-	5'-0" X 3'-2" X 7/8" THK.	REMOVE, RESTORE, & REINSTALL
NORTH	N-1-4	-	5'-0" X 3'-2" X 7/8" THK.	REMOVE, RESTORE, & REINSTALL
NORTH	N-2-1	4	5'-0" X 4'-6 1/2" X 7/8" THK.	
NORTH	N-2-2	4	5'-0" X 4'-6 1/2" X 7/8" THK.	RESTORE & REINSTALL, PATCH DAMAGED TOP RIGH
NORTH	N-2-3	2	5'-0" X 4'-6 1/2" X 7/8" THK.	
NORTH	N-2-4	2	5'-0" X 4'-6 1/2" X 7/8" THK.	
NORTH	N-3-1	4	5'-0" X 5'-0" X 7/8" THK.	REPLACE PANEL
NORTH	N-3-2	2	5'-0" X 5'-0" X 7/8" THK.	
NORTH	N-3-3	2	5'-0" X 5'-0" X 7/8" THK.	
NORTH	N-3-4	2	5'-0" X 5'-0" X 7/8" THK	
NORTH	N-3-5	2	5'-0" X 5'-0" X 7/8" THK	
SOUTH	S-1-1	-	5'-0" X 3'-2" X 7/8" THK.	REMOVE, RESTORE, & REINSTALL
SOUTH	S-1-2	-	5'-0" X 3'-2" X 7/8" THK.	REMOVE, RESTORE, & REINSTALL
SOUTH	S-1-3	-	5'-0" X 3'-2" X 7/8" THK.	REMOVE, RESTORE, & REINSTALL
SOUTH	S-1-4	-	5'-0" X 3'-2" X 7/8" THK.	REMOVE, RESTORE, & REINSTALL
SOUTH	S-2-1	7	5'-0" X 4'-6 1/2" X 7/8" THK	
SOUTH	S-2-2	7	5'-0" X 4'-6 1/2" X 7/8" THK	
SOUTH	S-2-3	6	5'-0" X 4'-6 1/2" X 7/8" THK	
SOUTH	S-2-4	6	5'-0" X 4'-6 1/2" X 7/8" THK	RESTORE & REINSTALL, PATCH REPAIR AT BOTTOM
SOUTH	S-3-1	7	5'-0" X 5'-0" X 7/8" THK	
SOUTH	S-3-2	7	5'-0" X 5'-0" X 7/8" THK	
SOUTH	S-3-3	7	5'-0" X 5'-0" X 7/8" THK	
SOUTH	S-3-4	7	5'-0" X 5'-0" X 7/8" THK	
SOUTH	S-3-5	6	5'-0" X 5'-0" X 7/8" THK	
EAST	E-1-1	-	3'-8" X 3'-2" X 7/8" THK	REMOVE, RESTORE, & REINSTALL
EAST	E-1-2	-	5'-0" X 3'-2" X 7/8" THK.	REMOVE, RESTORE, & REINSTALL
EAST	E-1-3	-	5'-0" X 3'-2" X 7/8" THK.	REMOVE, RESTORE, & REINSTALL
EAST	E-1-4	-	3'-8" X 3'-2" X 7/8" THK	REMOVE, RESTORE, & REINSTALL
EAST	E-2-1	6	3'-8" X 5'-0" X 7/8" THK	
EAST	E-2-2	5	5'-0" X 4'-6 1/2" X 7/8" THK	
EAST	E-2-3	5	5'-0" X 4'-6 1/2" X 7/8" THK	
EAST	E-2-4	5	5'-0" X 4'-6 1/2" X 7/8" THK	
EAST	E-2-5	4	3'-8" X 4'-6 1/2" X 7/8" THK	
EAST	E-3-1	6	3'-8" X 5'-0" X 7/8" THK	
EAST	E-3-2	5	5'-0" X 5'-0" X 7/8" THK	
EAST	E-3-3	5	5'-0" X 5'-0" X 7/8" THK	
EAST	E-3-4	5	5'-0" X 5'-0" X 7/8" THK	
EAST	E-3-A	4	3'-8" X 5'-0" X 7/8" THK	
EAST	E-3-B	3	3'-8" X 4'-0" X 7/8" THK	
EAST	E-3-C	3	3'-8" X 4'-0" X 7/8" THK	
WEST	W-1-1	4	6'-10" X 4'-0" X 7/8" THK	
WEST	W-1-2	-	3'-8" X 3'-2" X 7/8" THK	REMOVE, RESTORE, & REINSTALL
WEST	W-1-3	-	5'-0" X 3'-2" X 7/8" THK.	REMOVE, RESTORE, & REINSTALL
WEST	W-1-4	-	5'-0" X 3'-2" X 7/8" THK.	REMOVE, RESTORE, & REINSTALL
WEST	W-1-5	-	3'-8" X 3'-2" X 7/8" THK	REMOVE, RESTORE, & REINSTALL
WEST	W-1-6	-	3'-8" X 3'-2" X 7/8" THK	REMOVE, RESTORE, & REINSTALL
WEST	W-1-7	-	3'-8" X 3'-2" X 7/8" THK	REMOVE, RESTORE, & REINSTALL
WEST	W-2-1	1	3'-8" X 4'-6 1/2" X 7/8" THK	
WEST	W-2-2	3	5'-0" X 4'-6 1/2" X 7/8" THK	
WEST	W-2-3	1	5'-0" X 4'-6 1/2" X 7/8" THK	
WEST	W-2-4	1	5'-0" X 4'-6 1/2" X 7/8" THK	
WEST	W-2-5	6	3'-8" X 4'-6 1/2" X 7/8" THK	
WEST	W-3-1	3	5'-0" X 5'-0" X 7/8" THK	
WEST	W-3-2	3	5'-0" X 5'-0" X 7/8" THK	
WEST	W-3-3	3	5'-0" X 5'-0" X 7/8" THK	
WEST	W-3-4	6	3'-8" X 5'-0" X 7/8" THK	
WEST	W-3-A	1	3'-8" X 5'-0" X 7/8" THK	



COORDINATION

- 1. Only large openings in structural framing members are shown on the structural drawings. However, all sleeves, embeds, inserts, openings and frames that are necessary for the work shall be provided. The Contractor shall coordinate with all trades sizes, locations and placement. All openings and embedded items which have an effect on the structure shall be submitted to the Engineer for review.
- 2. Refer to Architectural, Mechanical, Electrical and Plumbing drawings for floor elevations, location of depressed or elevated floor areas, slopes and drains.
- 3. Contractor shall coordinate the requirements for building equipment supported on or from the structure. Submittals identify all equipment including size, dimensions, clearances, accessibility, weights and reactions. Any deviations from specified equipment shall be noted on the submittals.
- 4. Shop drawings shall be prepared for all structural items and submitted for review by the Engineer. Contract Drawings shall not be reproduced and used as shop drawings. All items deviating from the Contract Drawings or from previously submitted shop drawings shall be noted.
- 5. The details designated as "Typical Details" apply generally to the Drawings in all areas where conditions are similar to those described in the detail
- 6. All dimensions and conditions of existing construction shall be verified at the job site. Differences between existing construction and the Drawings shall be referred to the Architect. Differences shall also be clouded on the shop drawings.
- 7. The design and provision of all temporary supports required for the execution of the contract such as guys, braces, shores, reshores, falsework, supports and anchors are not included in these drawings and shall be the responsibility of the Contractor. Temporary supports shall not result in the overstress or damage to the structure.

SUBSTITUTIONS

1. All requests for substitutions of materials or details shown in the contract documents shall be submitted for approval during the bidding period. Once bids are accepted, proposed substitutions will be considered only when they are officially submitted with an identified savings to be deducted from the contract.

SUBMITTALS

- 1. Shop drawings shall be prepared for all structural items and submitted for review by the Engineer. Contract Drawings shall not be reproduced and used as shop drawings. All items deviating from the Contract Drawings or from previously submitted shop drawings shall be clouded.
- 2. The contractor shall review shop drawings for compliance with the contract documents and shall certify that he has done so by a stamp noting that the drawings have been "Approved" and which bears the signature (or initials) of an authorized representative of the contractor and the date. Submittals which do not reflect the contractor's approval, signature and date will be returned without review.
- 3. The contractor shall be responsible for delays caused by rejection of inadequate shop drawings.
- 4. Where review and return of shop drawings is required or requested, the engineer will review each submittal and, where possible, return within 2 weeks of receipt.
- 5. Corrections or comments on shop drawings or manufacturer's data sheets do not relieve the contractor from compliance with requirements of the plans and specifications. The engineer's review is for general conformance with the requirements of the contract documents. The contractor is responsible for confirming and correcting all quantities and dimensions, selecting fabrication processes and techniques of construction, and coordinating his work with that of all other contractors.
- 6. Refer to individual sections for specific submittal requirements.

TESTING LABORATORY SERVICES

- 1. Work specified herein shall be performed by a qualified independent Testing Laboratory, selected and paid by the Owner.
- 2. Concrete inspection and testing:
- a. Secure composite samples of concrete at the jobsite in accordance with ASTM C172.
- b. Mold and cure three specimens from each sample in accordance with ASTM C31. Test specimens in accordance with ASTM C39. Two specimens shall be tested at 28 days for acceptance and one shall be tested at seven days for information.
- c. Perform one strength test (three cylinders) for each pour.
- d. Make one slump test for each set of cylinders following the procedural requirements of ASTM C143 and C172.
- e. Determine total air content of air entrained concrete in accordance with ASTM C231. Perform one test for each strength test.
- 3. Concrete Reinforcement: Inspect all concrete reinforcing steel and embedded metal assemblies prior to placement of concrete for compliance with Contract Documents and shop drawings. All instances of non-compliance shall be immediately brought to the attention of the contractor for correction, and if uncorrected, reported to the engineer.
- 4. Expansion Anchors: Provide continuous inspection of expansion bolt installation to ensure that holes are of the specified size, and that bolts are properly installed including application of minimum installation torques.
- 5. Structural steel, steel joists, and joist girders: Field inspection of proper erection of all members, visual examination of all field welding, visual inspection of all bolts, inspection of all shop fabricated members upon arrival at the jobsite for conformance with accepted fabrication and erection drawings, verification of welder's certificates.

CODES

- 1. IBC 2021 International Building Code with City of Brehnam Amendments.
- 2. IEBC 2021 International Existing Building Code with City of Brenham of Amendments.
- 3. Wind and Earthquake Loads: Minimum Design Loads and Associated Criteria for Buildings and Other Structures, American Society of Civil Engineers, ASCE 7-16.
- 4. Structural Concrete: Building Code Requirements for Structural Concrete, American Concrete Institute, ACI 318-14.
- 5. Structural Masonry: Building Code for Masonry Structures, reported by the Masonry Society, TMS 402-16.
- 6. Structural Steel: Steel Construction Manual, American Institute of Steel Construction, Fifteenth Edition. Specification for Structural Steel Buildings, AISC 360-16

DESIGN LOADS

1.	Live Loads	
	a. Office (not including partitions)	50 psf
	b. Public areas, corridors, lobbies	100 psf
	c. Mechanical Rooms	150 psf
	d. Storage (minimum)	125 psf
	e. Roof	20 psf
	f. Restrooms	50 psf
	g. Stairs	100 psf
	h. Partition at areas with	
	80 psf live load or less	20psf
2.	Dead Loads include the self weight of the structura loads:	al elements and the following superimposed

- a. Ceiling and Mechanical at roof
- b. Ceiling and Mechanical at floor c. Roofing and rigid insulation
- 3. Roof Snow Loads
- a. Ground Snow Load, Pg

5. Wind Loads

Wind L	ateral Load on Structural Frame is based on the follo	owing:
i)	Ultimate Design Wind Speed (3-sec. gust), V _{ult}	116 mph

- i) Ultimate Design Wind Speed (3-sec. gust), V_{ult} Nominal Design Wind Speed, Vasd 90 mph
- ii) Risk Category
- iii) Wind Exposure Category
- iv) Internal Pressure Coefficient, GCpi v) Component & Cladding Ultimate Design Pressures:

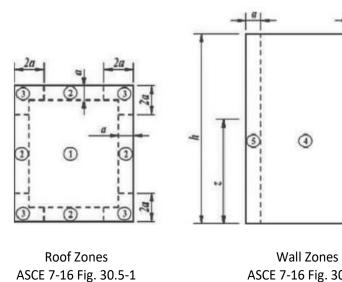
< 10 f+2 Effectiv

ive Area:	≤ 10 ft²
Zone 1	+16 psf; -51.9 psf
Zone 2	+16 psf; -81.4 psf
Zone 3	+16 psf; -81.4 psf
Zone 4	+35.5 psf; -35.5 psf
Zone 5	+35.5 psf; -65.0 psf

Effective Area:	50 ft ²
Zone 1	+16 psf; -45.1 psf
Zone 2	+16 psf; -72.0 psf
Zone 3	+16 psf; -72.0 psf
Zone 4	+32.7 psf; -33.6 psf
Zone 5	+32.7 psf; -57.5 psf

Effective Area:	>100 ft ²
Zone 1	+16 psf; -42.2 psf
Zone 2	+16 psf; -67.9 psf
Zone 3	+16 psf; -67.9 psf
Zone 4	+30.5 psf; -32.2 psf
Zone 5	+30.5 psf; -51.9 psf

- NOTE: Wall pressures for Zones 4 & 5 are based on ASCE 7-16, Figure 30.5-1. Roof pressures for Zones 1, 2 & 3 are based on ASCE 7-16, Figure 30.5-1. "h" = 62 feet; "a" = 7.2 feet.
- a. Calculate the effective area for each component & cladding element, as defined by ASCE 7, depending on length and location. Effective area shall be the maximum of the following:
- Effective Area = Length x Tributary Width (OR) Length x (Length/3)
- b. Interpolation of uplift pressures is allowed between effective areas. or quantity shall be reported to the Architect immediately for verification of the structural design.



CAST IN PLACE CONCRETE

1. Cast in place concrete shall meet the following requirements:

Class	28 Day Strength	Aggregate Type	Size	Slump (at point of placement)	Use
А	4,000 psi	NW C33	3/4"	4"-7"	All, U.O.N.

a. A maximum water/cement ratio of 0.45.

- b. A high-range water reducing admixture shall be added to increase the slump to 5"-6". The noted slump applies before the addition of the admixture.
- c. Maximum shrinkage of the concrete shall be 0.03% at 28 days as determined by ASTM C157
- d. Minimum entrained air content shall be 5 to 7 percent.
- 2. Fly ash shall not be used in architecturally exposed concrete.
- 3. Provide 5 percent plus or minus 1 1/2 percent of entrained air in concrete permanently exposed to the weather and elsewhere at the contractors option.
- 4. Horizontal construction joints in concrete pours shall be permitted only where indicated on the drawings. All vertical construction joints shall be made in the center of spans in accordance with the typical details. Contractor shall submit proposed locations for construction joints not shown on drawings for review by the Architect and Structural Engineer. Additional construction joints may require additional reinforcing as specified by the Engineer which shall be provided by the contractor at no additional cost to the owner.
- 5. Embedded conduits, pipes, and sleeves shall meet the requirements of ACI 318-14, Section 20.7 and 26.8, including the following:
- a. Conduits and pipes embedded within a slab, wall, or beam (other than those passing through) shall not be larger in outside dimension than 1/3 the overall thickness of the slab, wall or beam in which they are embedded.
- b. Conduits, pipes and sleeves shall not be spaced closer than three diameters or widths on center.
- 6. Concrete pours shall not exceed 5000 square feet or 100 linear feet on each side without prior approval by the Architect for each pour.
- 7. Submittal: Submit proposed mix designs in accordance with ACI 301, chapter 3.9. Each proposed mix design shall be accompanied by a record of past performance based on at least 30 consecutive strength tests, or by three laboratory trial mixtures with confirmation tests.

CONCRETE REINFORCING

- 1. Reinforcing steel shall be deformed new billet steel bars in accordance with ASTM A615 Grade
- 2. Detailing of reinforcing steel shall conform to the American Concrete Institute Detailing Manual
- 3. All hooks and bends in reinforcing bars shall conform to ACI detailing standards unless shown otherwise.
- 4. Provide reinforcing bars in accordance with the bar bending diagram if bar types are specified. In unscheduled beams, slabs, columns and walls detail reinforcing as follows:
- a. Lap top reinforcing bars at mid span.
- b. Lap bottom reinforcing bars at the supports.
- c. Lap vertical bars in columns and walls only at floor lines, unless noted otherwise.
- d. Refer to lap splice schedule for splice length requirement.
- e. Reinforcement labeled as continuous shall be lap spliced 38 bar diameters as a minimum, unless otherwise noted.
- f. Provide standard hooks in top bars at cantilever and discontinuous ends of beams, walls and slabs.
- g. Provide corner bars for all horizontal bars at the inside and outside faces of intersecting beams or walls. Corner bars are not required if top, bottom, or horizontal bars are hooked.
- 5. Welding of reinforcing steel will not be permitted.
- 6. Heat shall not be used in the fabrication or installation of reinforcement.
- 7. Reinforcing steel clear cover shall be as follows:

a.	Grade beams -	1 1/2" top, 3" bottom, 2" side (formed), 3" side (placed against earth)
b.	Walls -	2"
с.	Columns -	1 1/2"
d.	Slabs above grade -	1"
e.	Beams above grade -	1 1/2"
f.	Concrete joists -	1"

reinforcement. Comply with ACI 315 "Details and Detailing of Concrete Reinforcement". Do not reproduce the Contract Drawings for use as shop drawings.

CONCRETE REPAIR

- 1. Concrete repair includes removal of deteriorated concrete, cleaning concrete reinforcement and patching with a concrete restoration material. The applications may include horizontal surfaces, vertical surfaces or overhead surfaces as required on the drawings by the type of repair
- 2. Repairs shall be performed by workers gualified to perform the work. As a minimum, the foreman shall have not less than two years experience with structural concrete repairs.
- 3. Repairs shall be patched with a horizontal, vertical or overhead patching concrete product from one of the following manufactureres (or an equivalent product submitted to the engineer for approval):
- a. Sto b. Euclid
- c. Master Builders
- d. Sika e. Dayton Superior
- 4. Dust caused by sandblasting shall be removed prior to applying concrete patch. Dust screens shall be installed around the construction area to restrict dust to the immediate area.
- 5. Concrete repair products shall have a minimum 28 day strength of 6000 psi. The patching material shall be suitable for the repair applied to regarding thin patches, feather edged patches, thick patches, vertical patches, overhead patches and all other criteria specified by the manufacturer.
- 6. Existing concrete shall be prepared as recommended by the manufacturer including but not limited to the following:
- a. Saw cut edges 1/2 inch deep around the perimeter of the repair area without cutting any reinforcing steel.
- b. Remove loose and unsound concrete by chipping or sandblasting.
- c. Remove rust from reinforcing steel by medium sandblasting or wire brush.
- manufacturer).
- 8. Apply patch material in thicknesses, layers and within working time limits identified by the manufacturer.
- 9. Concrete patches shall be placed to the align with the existing dimensions of the structure. Beam soffits may be formed. All surfaces shall be struck off to dimensions shown and shall receive a smooth trowel finish. Any surface to receive traffic (without traffic waterproof and wearing surface) shall have a broom finish.
- 10. Concrete patches shall be cured by continuous wetting for seven days (or as recommended by the manufacturer) at a temperature above 40 degrees Fahrenheit, or by the immediate application of a membrane curing compound conforming to ASTM C309 applied in accordance with manufacturer's recommendations.
- 11. Submit manufacturers product data on repair materials to be used for review.

ADHESIVE ANCHORS

- 1. Adhesive anchors shall only be used where specified on the drawings. The contractor shall obtain approval from the engineer of record prior to using the anchors for missing or misplaced cast-in-place anchors.
- 2. Unless otherwise noted, size and depth of the adhesive anchors specified in the drawings are based on HAS rods epoxy doweled with HIT-HY 200-R or HIT-RE 500 V3, Hilti Fastening Systems.
- 3. Substitution of expansion anchor products with similar capacities shall be submitted to the engineer of record for approval.
- 4. Adhesive anchors of the size and embedment shown on the Drawings shall be installed in accordance with the Contract Documents, the manufacturer's recommendations, and the manufacturer's current ICBO report for the anchor. If conflicts exist between these referenced documents, the most stringent requirements shall govern.
- 5. The Contractor shall locate all existing reinforcing steel and other embedded items contained in the concrete using non-destructive methods and shall position anchor locations to avoid conflicts with existing embedded items. Anchor locations can be adjusted by a maximum of 1 inch from detailed locations to avoid conflicts, unless noted otherwise.
- 6. Based on field verified locations of reinforcing steel and embedded items, the Contractor shall create templates for each anchor group. Submit template dimensions for review prior to fabrication of connection plates.
- 7. Holes for anchors shall be drilled in a continuous operation using the bit type and size recommended by the anchor manufacturer. Holes shall be drilled perpendicular to the concrete surface and shall not be enlarged or redirected at any point along its length. All debris shall be blown out of the holes with compressed air after drilling.
- 8. All abandoned holes shall be filled with non-shrink grout.
- 9. Holes in connection plates shall be no more than 1/16" larger than the anchor diameter. If larger holes are required for erection purposes, Contractor shall provide 1/4" x 3" x 3" plate washers sufficiently welded to the connection plate to transfer the specified load.
- 10. Installation of adhesive anchors shall be continuously inspected by the testing agency to ensure that holes are of specified size, and that bolts are properly installed.

ADHESIVE DOWELS

- 1. Adhesive dowelling system shall be one of the following products: Hilti HIT-HY 200-R, or Hilti HIT-RE 500 V3 Install dowels in accordance with the manufacturer's instructions.
- 2. Clean out holes with compressed air after drilling holes.

3.	Rebar Size	Hole Diameter	Embedment D
	#4	5/8"	4 1/2"
	#5	3/4"	6"

- 4. Prior to drilling holes for dowels, locate existing reinforcing steel with a Pachometer (R-Meter) or by drilling 1/4" diameter pilot holes. Relocate bolt holes as required to avoid existing reinforcement.
- 5. Abandoned holes shall be completely filled with adhesive dowelling compound.

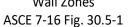
10 psf

15 psf

5 psf

5 psf

±0.18



8. Submittal: Submit shop drawings for fabrication, bending, and placement of concrete

d. Dampen concrete surface and apply bonding agent (if recommended or required by

7. Patching materials shall be prepared in accordance with the manufacturers directions.

Depth

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1. Issued for bid

July 11, 2025

SEAL



Architexas No. 2443

Sheet Name

Date July 11, 2025

GENERAL NOTES 1

Sheet Number S-1.00

STRUCTURAL STEEL

- 1. Structural Steel shall conform to ASTM A992 or A572, grade 50 except where A36 is noted on plan, except that miscellaneous plates, angles, and channels may be A572, grade 50 or A36, grade 36.
- 2. Anchor rods shall conform to ASTM F1554 grade 36 ksi.
- 3. Structural steel detailing, fabrication, and erection shall conform to the AISC "Specification for Steel Buildings" and the AISC "Code of Standard Practice for Steel Buildings and Bridges". Typical connection details are indicated in the drawings. The fabricator shall prepare drawings based on these details. If alternate connection designs are used, the fabricator shall have a registered professional engineer prepare the connection designs. Such connection shall bear the engineer's seal and shall be submitted with shop drawings.
- 4. Splicing of structural steel members is prohibited without prior approval of the Engineer as to location and type of splice to be made. Any member having splice not shown and detailed on shop drawings will be rejected.
- 5. All welds denoted as moment connection or full penetration weld shall be ultrasonically or xray certified by an independent testing agency.
- 6. Contractor shall coordinate structural steel fireproofing requirements. All interior structural steel, including steel joists, scheduled or indicated to receive spray applied fireproofing shall be delivered to the project site unprimed. Steel exposed to corrosive conditions after installation shall be primed with a protective coating which does not diminish the bond between the spray applied fireproofing, and the steel substrate. Any primer, and/or coating applied to structural steel shall be approved for use in the applicable U.L. Fire Resistance Assembly used on the project. Contractor shall protect any unprimed structural steel from detrimental effects of corrosion, as required, until the steel is enclosed and protected by the new construction.
- 7. Shop painting: Paint structural steel with one coat of manufacturer's standard red oxide primer applied at a rate to provide a uniform dry film thickness of 2.5 mils.
- 8. Contractor must fabricate and erect steel in accordance with OSHA Safety requirements, 29 CF part 1926 Safety for Steel Erection, Final Rule.
- 9. Submittal: Provide drawings showing details for fabrication and shop assembly of members, erection plans, and details. Include details of connections, camber, weld profiles and sizes and spacing. Shop and erection drawings shall not be made using reproductions of the contract drawings.
- 10. All exterior steel to be galvanized and prime painted for final field painting.

STRUCTURAL STEEL CONNECTIONS

- 1. Welding shall conform to ANSI/AWS D1.1, latest edition.
- 2. Bolts conform to ASTM A325. Bolts shall be designed using values for bearing type bolts with thread allowed in the shear plane.
- 3. For connections not specifically addressed by these notes or the Drawings, provide fillet welds at all contact surfaces sufficient to develop the tensile strength of the smaller member at the joint.
- 4. Moment connections indicated on Drawings as " ◀ ▶ " shall be welded to develop the full capacity of the member on both sides of supporting member.
- 5. Roof edges angles shall be continuous and shall be spliced only at supports. Splices shall be butt-welded to develop full capacity of the member.
- 6. Fillet welds with no size specified shall be 3/16", or minimum size required by AISC, whichever is larger.

STRUCTURAL ABBREVIATIONS

ADDITIONAL	ADJ.	MASONRY	MAS.
AGGREGATE ALTERNATE		MATERIAL MECHANICAL	MAT'L. MECH('L).
ANCHOR ROD		METAL	MECH(E). MTL.
ARCHITECT(URAL)	ARCH('L).	MEZZANINE	MEZZ.
AIR CONDITIONER AIR HANDLING UNIT		MIDDLE MISCELLANEOUS	MID. MISC
APPROXIMATE(LY)		MOMENT	M.
AXIAL LOAD	P	MOMENT CONNECTION(S)	M.C.
BACK FACE	B.F.	NEAR FACE	N.F.
BEAM	BM.	NOMINAL	NOM.
BEARING	BRG.	NON-SHRINK	<u>N.S.</u>
BETWEENBLOCKING		NORMAL WEIGHT NOT IN CONTRACT	
BLOCK-OUT	B.O.	NOT TO SCALE	
BOTTOM	BOT.		
BOTTOM OF BOTTOM OF STEEL		ON CENTER OPENING(S)	
BRICK LEDGE		OPPOSITE	· ·
BRIDGING	BRDG.	OPPOSITE HAND	<u> </u>
BUILDING BUILDING LINE	BLDG. B.L.	ORIENTED STRAND BOARD OUTSIDE FACE	OSB O.F.
	D.L.		0.D.
CAST-IN-PLACE			
CENTER LINE	C.L. OR ⊈	PARALLEL PARALLEL STRAND LUMBER	
CENTER LINE OF STEEL CENTER OF GRAVITY		PARTIAL JOINT PENETRATION	
CLEAR(ANCE)	CLR.	PENETRATION	
		PERPENDICULAR PIECE	
COMPLETE JOINT PENETRATION		PIECE PLATE	
CONCRETE		PLYWOOD	
CONCRETE MASONRY UNIT	CMU	POINT	PT.
CONNECTIONSCONTINUOUS		POST-TENSION(ED) POUND(S) X1000	
CONTRACTOR		POUND(S) X1000 POUNDS PER LINEAR FOOT	
CONTROL JOINT	_CTL. J.	POUNDS PER SQUARE FOOT	PSF
CONSTRUCTION JOINT COVER PLATE		POUNDS PER CUBIC YARD PRECAST CONCRETE	
		PREFABRICATED	PREFAB
DEFORMED BAR ANCHOR(S)		PRELIMINARY	
DETAIL DEAD LOAD		PRESSURE PROJECT(ION)	
DIAGONAL		· · · · · · · · · · · · · · · · · · ·	
DIAMETER	DIA.	RADIUS	
DIMENSION(S) DIRECTION		REFER TO / REFERENCE REINFORCE(ING)(ED)(MENT)	
DRAWING(S)		REMAINDER	
DOUBLE	DBL.	REQUIRE	REQ.
DOUBLE EXTRA STRONG DOWEL(S)		REQUIRED	
DOWEL(3)	DVVL(3).	RETURN ROOF DRAIN	
EACH		ROUGH OPENING	
		ROUND	RND.
EACH WAY		SCHEDULE(D)	SCHED.
ELEVATION		SECTION	
ELEVATOR		SHEAR FORCE	
EMBEDMENT ENGINEER		SHEETSIMILAR	
EQUAL	EQ.	SPACE(S)(ING)	
EQUIPMENT		SPECIFICATION(S)	
EXPANSION		SPECIFIEDSQUARE	
EXISTING		STAINLESS STEEL	<u></u> SQ. S.S.
EXTERIOR	EXT.	STANDARD	STD.
EXTRA STRONG	XS	STEELSTIFFENER	
FACE TO FACE	F. TO F.	STRAIGHT	
FABRICATE(ION)(OR)	FAB.	STIRRUPS	STIR.
FAR SIDE FINISH(ED)		STRUCTURE OR STRUCTURAL SUPPORT(S)	
FINISHED FLOOR			30FT(3)
FIREPROOF	F.P.	TENSION	
FLANGE FLOOR		THICK(NESS) TONGUE AND GROOVE	
FLOOR DRAIN	 F.D.	TOP AND BOTTOM	
FOOTING	FTG.	TOP OF BEAM	T.O. BN
FOUNDATION	⊦DN.	TOP OF FOOTING TOP OF PIER	
GALVANIZED	GALV.	TOP OF PIER CAP	
GENERAL	GEN.	TOP OF STEEL	T.O.S.
GLUE LAMINATED TIMBER		TOP OF STRUCTURAL CONCRETE	
GRADE GRADE BEAM		TOP OF WALL TREATED	
		TYPICAL	TYP.
HOT DIP(PED)			
HEADED STUD(S) HEADER		UNLESS OTHERWISE NOTED	U.U.N.
HEIGHT	HT.	VERTICAL	
HORIZONTAL		VOLUME	
НООК	НК.	WATER STOP	w s
INSIDE DIAMETER		WELDED WIRE MESH	
	I.F.	WIND BRACE	WB
	_INT.	WIND LOAD	
INTERIOR	INTERM	WITH	
	INTERM.	WITHOUT	
INTERIORINTERMEDIATEJOINT	INTERM. JT.	WITHOUT WATER PROOFING	<u>W.P.</u>
INTERIOR INTERMEDIATE	INTERM. JT.	WATER PROOFING WORK POINT	W.P. W.P.
INTERIORINTERMEDIATEJOINT	INTERM. JT. JST(S).	WATER PROOFING	W.P. W.P.
INTERIOR INTERMEDIATE JOINT JOIST(S) LAMINATED VENEER LUMBER LAMINATED STRAND LUMBER	INTERM. JT. JST(S). LVL LSL	WATER PROOFING WORK POINT	W.P. W.P.
INTERIOR INTERMEDIATE JOINT JOIST(S) LAMINATED VENEER LUMBER LAMINATED STRAND LUMBER LIGHTWEIGHT	INTERM. JT. JST(S). LVL LSL LWT.	WATER PROOFING WORK POINT	W.P. W.P.
INTERIOR INTERMEDIATE JOINT JOIST(S) LAMINATED VENEER LUMBER LAMINATED STRAND LUMBER LIGHTWEIGHT LIVE LOAD	INTERM. JT. JST(S). LVL LSL LWT. L.L.	WATER PROOFING WORK POINT	W.P. W.P.
INTERIOR INTERMEDIATE JOINT JOIST(S) LAMINATED VENEER LUMBER LAMINATED STRAND LUMBER	INTERM. JT. JST(S). LVL LSL LWT. L.L. LONG.	WATER PROOFING WORK POINT	W.P. W.P.
INTERIOR INTERMEDIATE JOINT JOIST(S) LAMINATED VENEER LUMBER LAMINATED STRAND LUMBER LIGHTWEIGHT LIVE LOAD LONGITUDINAL	INTERM. JT. JST(S). LVL LSL LWT. LUT. LLH LLV	WATER PROOFING WORK POINT	W.P. W.P.

MATERIALS LEGEND

T.O. FTG.

T.O. PIER



EXISTING CONSTRUCTION

CONCRETE

STEEL IN SECTION

PLYWOOD IN SECTION

CMU

BRICK OR STONE IN SECTION

GROUT/SAND

EARTH

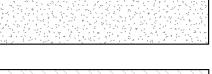
(UNDISTURBED)

EARTH/FILL (COMPACTED)

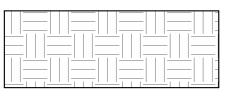
ROCK

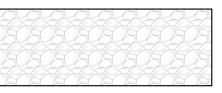
MECH. UNIT

OR ZONE

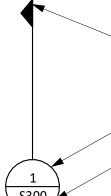








DRAFTING SYMBOLS

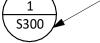


DIRECTION OF VIEW FOR SECTION CUT OR ELEVATION

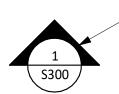
SECTION NUMBER

DIRECTION OF VIEW

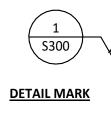
SHEET NUMBER



SECTION MARK



ELEVATION MARK



SPECIFIC LOCATION DESCRIBED BY DETAIL

PLAN/DETAIL DESIGNATION

PLAN NAME/DETAIL TITLE SCALE:

STRUCTURAL DRAWING TYPES

- S1 GENERAL NOTES
- S2 PLANS & ELEVATIONS S3 CONCRETE CONSTRUCTION
- S4 MASONRY CONSTRUCTION
- S5 STEEL CONSTRUCTION



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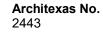
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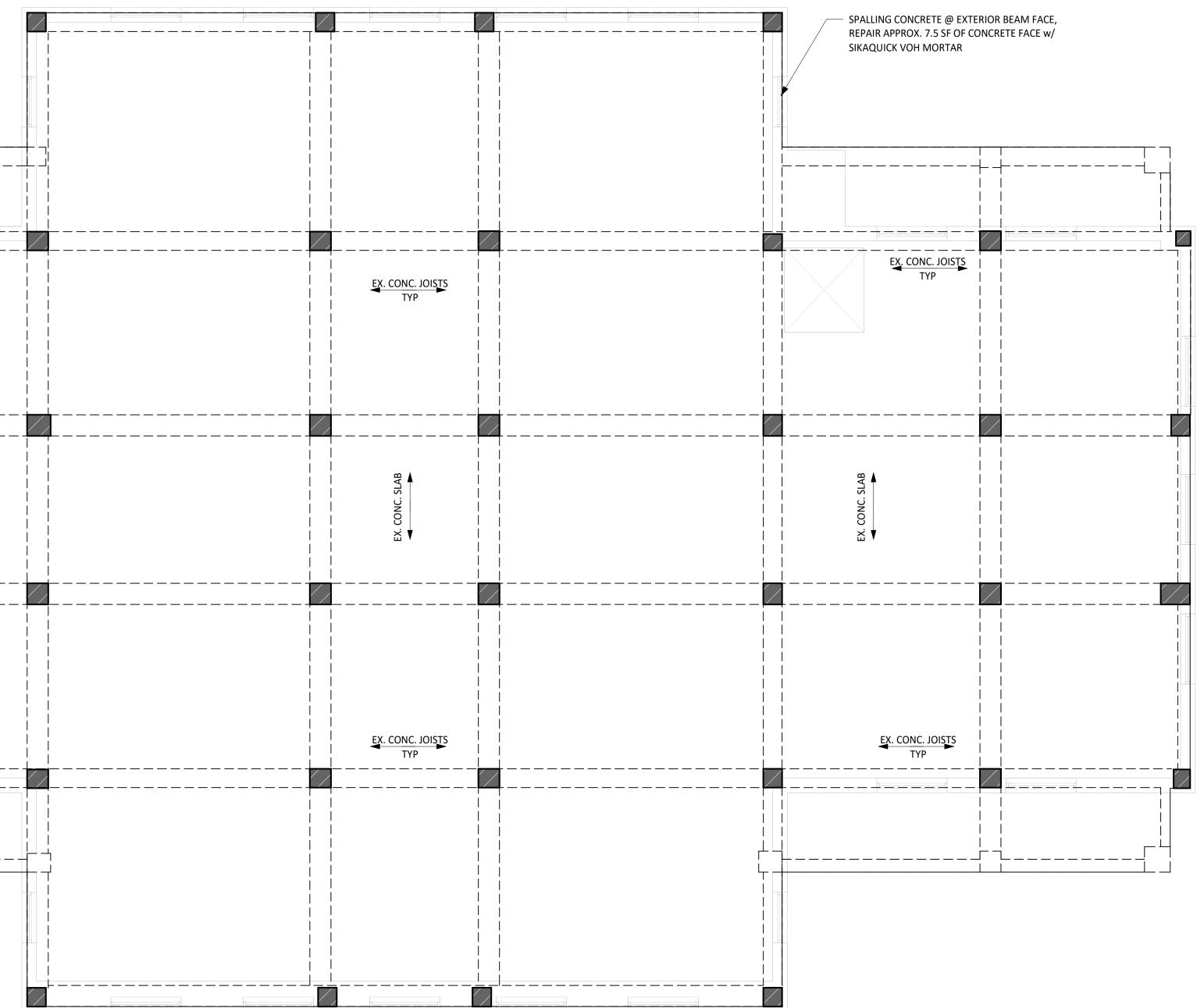
GENERAL NOTES 2

S-1.01

c	EXIST. CONC. COLUMN (TYP.) EXIST. CONC. BM. (TYP.)			EX. CONC. JOISTS
	1 S-2.1			EX. CONC. SLAB
FRAMING PLAN NOTES: 1. TOP OF STRUCTURAL CONCRETE ELEVATION IS DENOTED AS FOLLOWS UNLESS OTHERWISE NOTED:				EX. CONC. JOISTS
T.O.S.C. EL.=XXX'-XX"T.O.S.C. EL.=XXX'-XX"(AREA ELEVATION)(SPOT ELEVATION)2. FOR FINISH FLOOR ELEVATIONS (F.F. EL.), REFER TO ARCHITECTURAL DRAWINGS. ELEVATIONS NOTED ON PLAN ARE FOR REFERENCE ONLY. REFER TO AND VERIFY ALL DIMENSIONS AND ELEVATIONS w/ ARCHITECTURAL DRAWINGS.				
 REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF FLOOR RECESSES, DROPS AND SLOPES NOT DIMENSIONED ON PLAN. EXISTING CONDITIONS SHOWN ARE APPROXIMATIONS AND SHOULD BE VERIFIED IN THE FIELD. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR EXACT LOCATIONS AND DIMENSIONS OF FLOOR PENETRATIONS. 	PLAN LEGEND:			
 FLOOR PENETRATIONS SHOWN SHOULD BE ADJUSTED TO AVOID EXISTING CONCRETE JOISTS OR CONCRETE BEAMS. STEEL BEAMS ARE NOTED ON PLAN AS FOLLOWS: 		INDICATES EXIST. CONCRETE COLUMN OR WALL INDICATES EXIST. CONCRETE BEAM OR JOIST INDICATES STRUCTURAL CONCRETE SLAB STEP		
BEAM MARK W14x22	NORTH	INDICATES STRUCTURAL CONCRETE SLOPE CHANGE INDICATES STRUCTURAL CONCRETE SLOPE EXTENTS		
		LOOR PLAN " = 1'-0"		

+----











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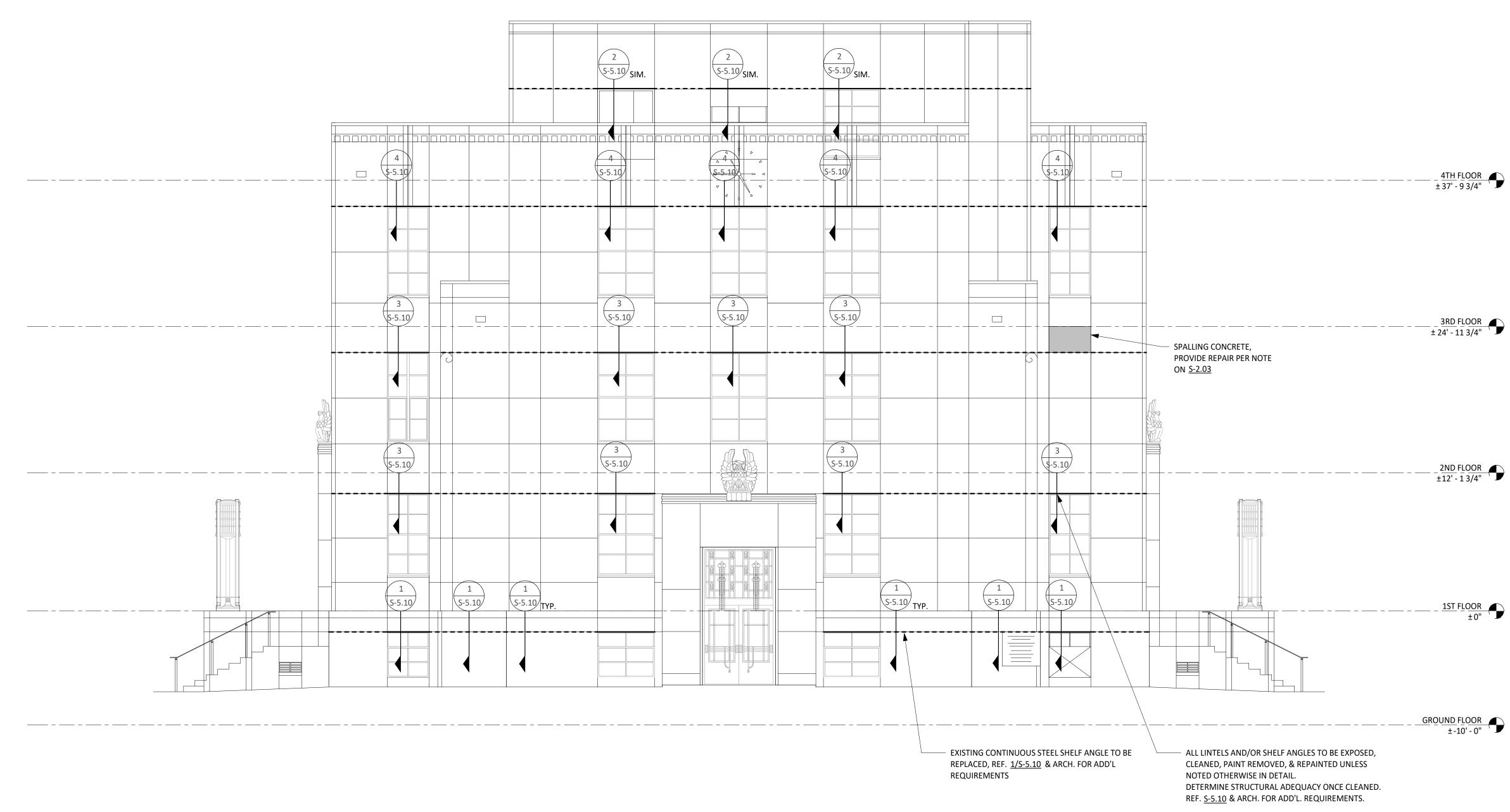
REVISION HISTORY 1. Issued for bid July 11, 2025

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Date July 11, 2025 Architexas No. 2443 Sheet Name STRUCT. FRAMING PLAN -THIRD FLOOR Sheet Number S-2.03

- FOR FINISH FLOOR ELEVATIONS (F.F. EL.), REFER TO ARCHITECTURAL DRAWINGS. ELEVATIONS NOTED ON PLAN ARE FOR REFERENCE ONLY. REFER TO AND VERIFY ALL DIMENSIONS AND ELEVATIONS w/ ARCHITECTURAL DRAWINGS.
- EXISTING CONDITIONS SHOWN ARE APPROXIMATIONS AND SHOULD BE VERIFIED IN THE FIELD.
- ALL EXISTING LINTELS/SHELF ANGLES ARE ASSUMED TO BE CONTINUOUS EXCEPT AT AND DIRECTLY ADJACENT TO DETAIL <u>3/S-5.10</u>
- ALL REPLACEMENT STEEL LINTELS AND SHELF ANGLES ARE TO BE HOT-DIPPED GALVANIZED.





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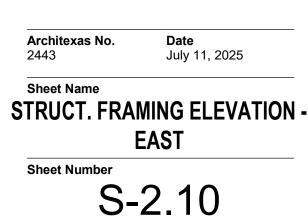
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 $-\frac{1ST FLOOR}{\pm 0"}$

 $\frac{\text{GROUND FLOOR}}{\pm -10' - 0''} \quad \bigcirc$ ±-10'-0"

- ALL LINTELS AND/OR SHELF ANGLES TO BE EXPOSED, CLEANED, PAINT REMOVED, & REPAINTED UNLESS DETERMINE STRUCTURAL ADEQUACY ONCE CLEANED.

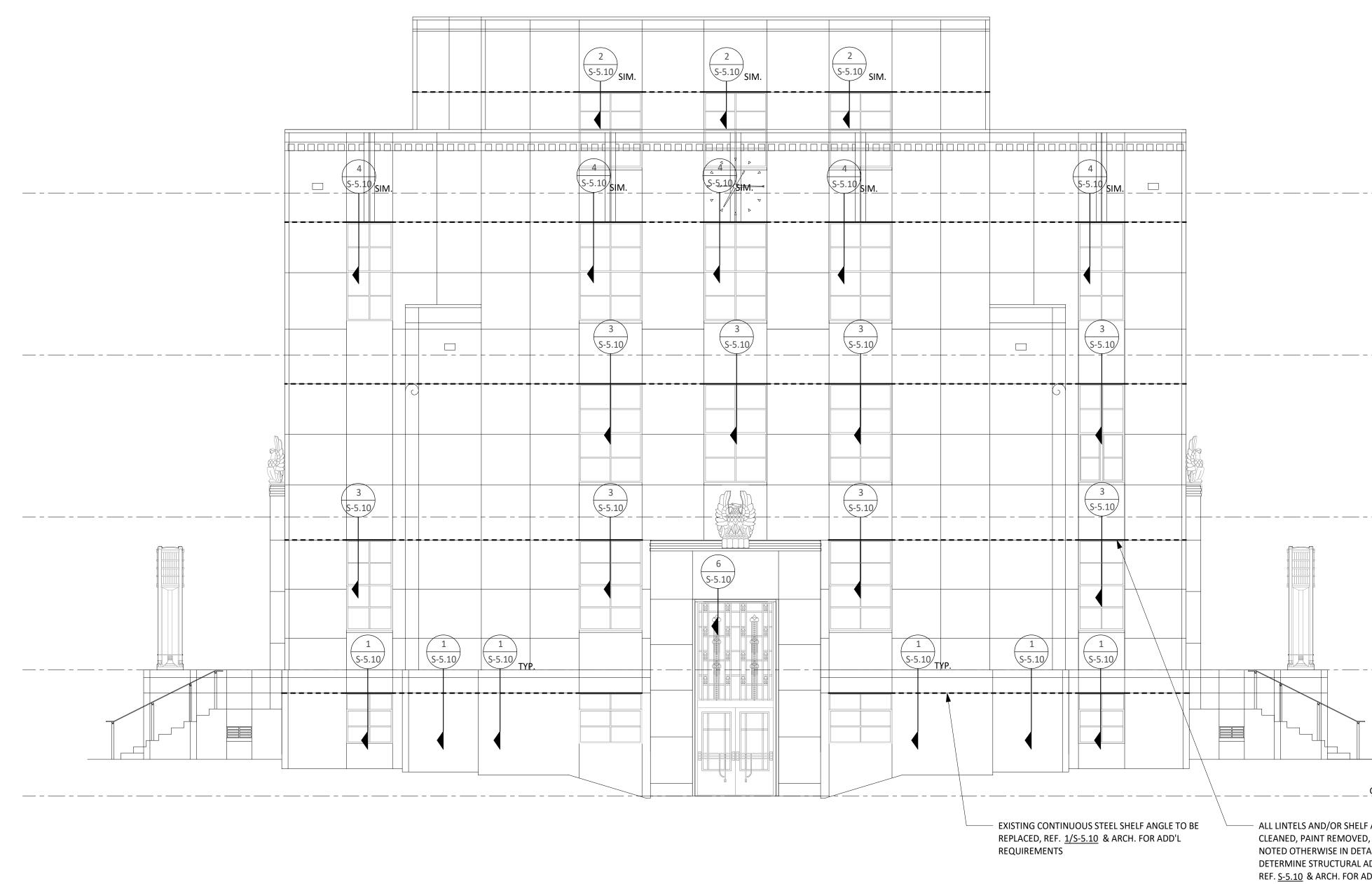
_2ND FLOOR ±12' - 1 3/4"

3RD FLOOR ± 24' - 11 3/4" 🗍 🎩

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- EXISTING CONDITIONS SHOWN ARE APPROXIMATIONS AND SHOULD BE VERIFIED IN THE FIELD.
- ALL EXISTING LINTELS/SHELF ANGLES ARE ASSUMED TO BE CONTINUOUS EXCEPT AT AND DIRECTLY ADJACENT TO DETAIL <u>3/S-5.10</u>
- ALL REPLACEMENT STEEL LINTELS AND SHELF ANGLES ARE TO BE HOT-DIPPED GALVANIZED.





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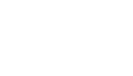




2443 July 11, 2025 Sheet Name

STRUCT. FRAMING ELEVATION -WEST Sheet Number

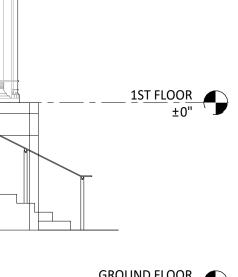
S-2.11



4T<u>H FLOOR</u> ±37' - 9 3/4"

3RD FLOOR ±24' - 11 3/4"

2ND FLOOR ±12' - 1 3/4"

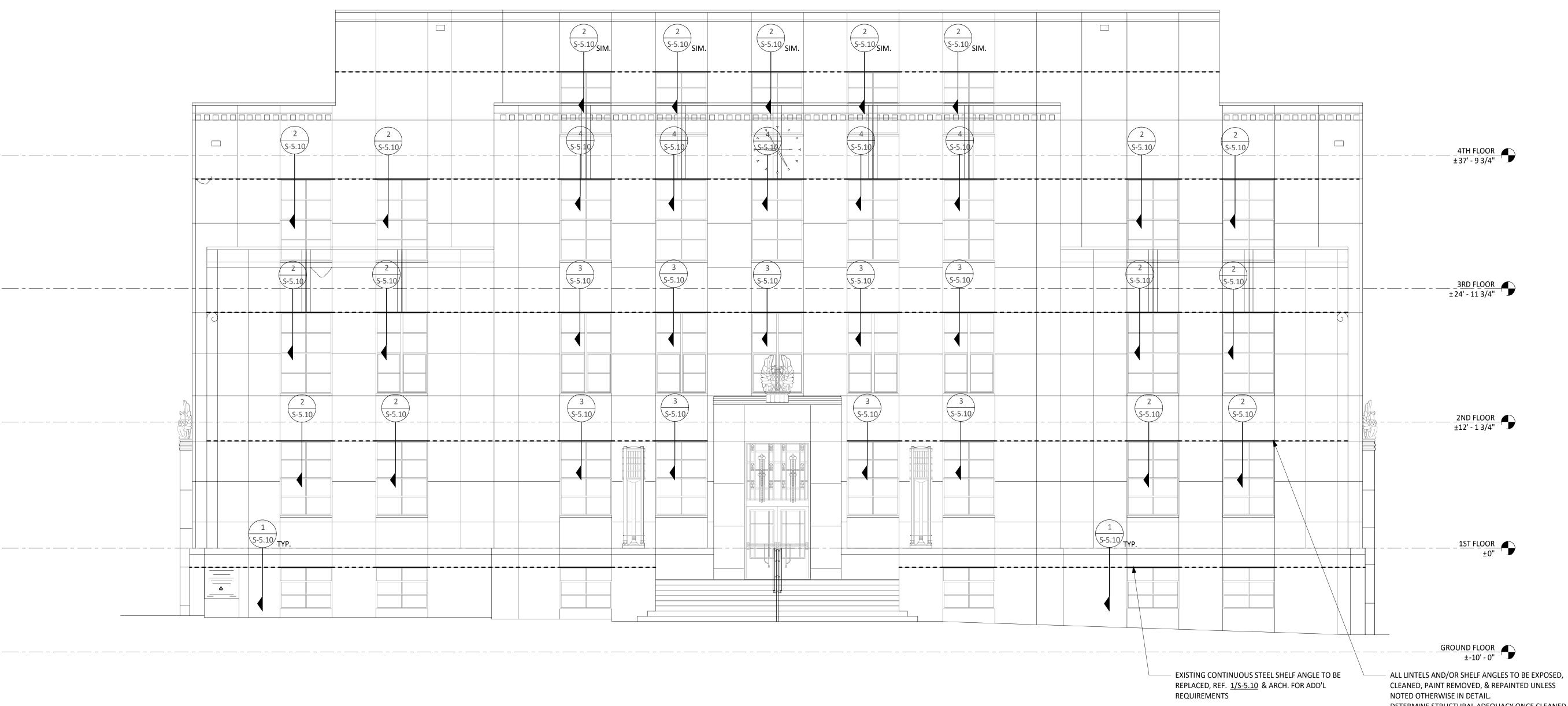


GROUND FLOOR ±-10' - 0"

- ALL LINTELS AND/OR SHELF ANGLES TO BE EXPOSED, CLEANED, PAINT REMOVED, & REPAINTED UNLESS NOTED OTHERWISE IN DETAIL. DETERMINE STRUCTURAL ADEQUACY ONCE CLEANED.

REF. <u>S-5.10</u> & ARCH. FOR ADD'L. REQUIREMENTS.

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DETERMINE STRUCTURAL ADEQUACY ONCE CLEANED. REF. <u>S-5.10</u> & ARCH. FOR ADD'L. REQUIREMENTS.



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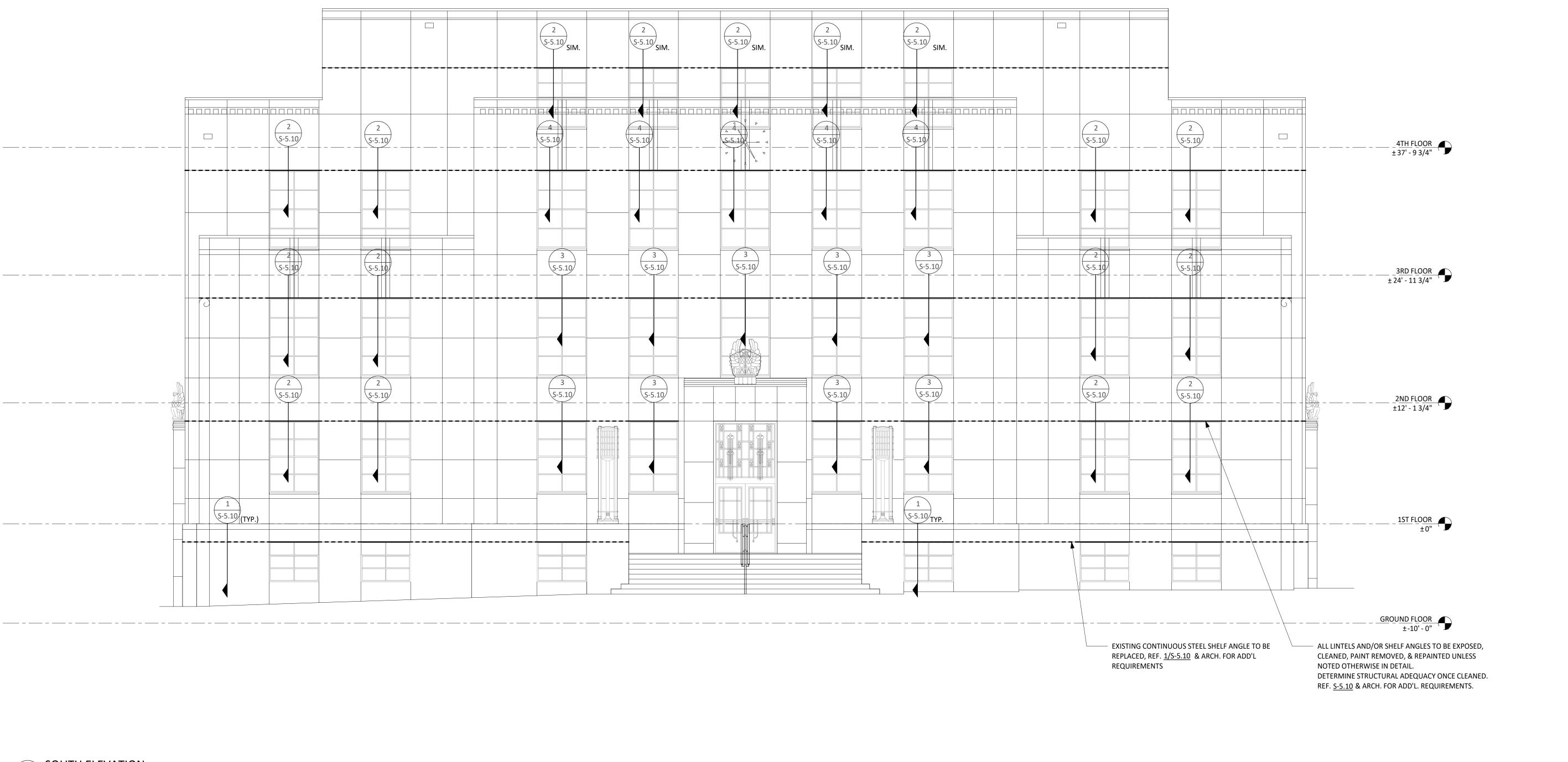


Architexas No. Date 2443 Sheet Name

July 11, 2025

STRUCT. FRAMING ELEVATION -NORTH Sheet Number S-2.12

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- ALL REPLACEMENT STEEL LINTELS AND SHELF ANGLES ARE TO BE HOT-DIPPED GALVANIZED.





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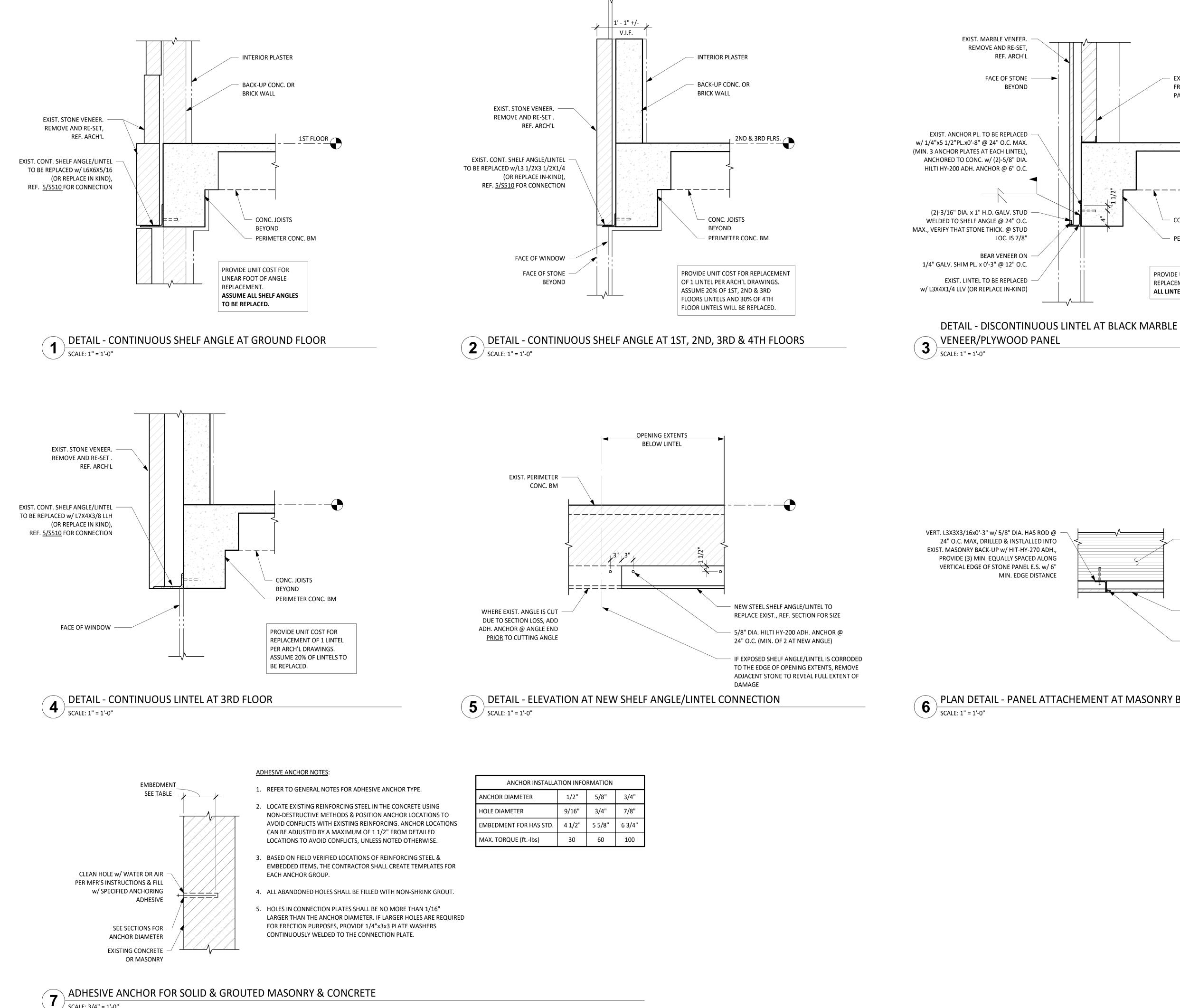
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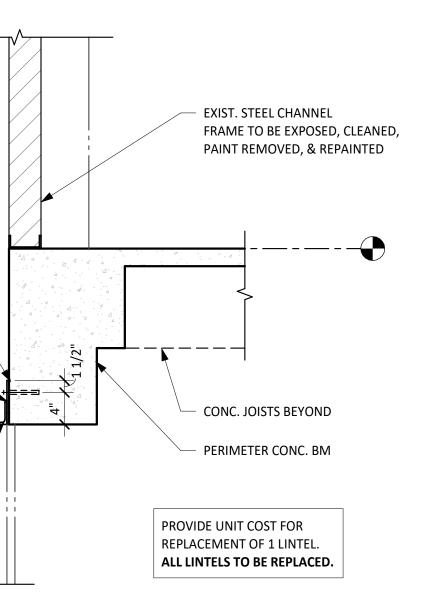
Date Architexas No. 2443 July 11, 2025 Sheet Name STRUCT. FRAMING ELEVATION -SOUTH Sheet Number S-2.13

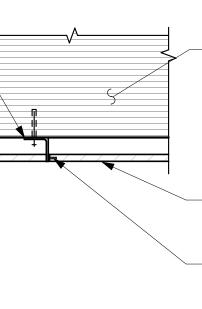


PLAN DETAIL - PANEL ATTACHEMENT AT MASONRY BACK-UP

ICHOR INSTALLATION INFORMATION					
METER	1/2" 5/8" 3/4"				
TER	9/16"	3/4"	7/8"		
FOR HAS STD.	4 1/2"	5 5/8"	6 3/4"		
JE (ftlbs)	30	60	100		

/ SCALE: 3/4" = 1'-0"





EXIST. MASONRY OR CONCRETE BACK-UP

- EXIST. MARBLE VENEER, REMOVE AND RE-SET, REF. ARCH'L

3/16" DIA. THREADED ROD SHOP WELDED TO ANGLE x **1**"EMBED. INTO STONE

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Architexas No. 2443

Sheet Name

Date July 11, 2025

STEEL DETAILS



ABBR	EVIATIONS	ABBRE	EVIATIONS (CONT.)	
A,AMPS	AMPERES	FIXT	FIXTURE	
AC	ALTERNATING CURRENT	FLA	FULL LOAD AMPERES	
AF	AMPERES-FUSE RATING, AMPERES-FRAME RATING	FLEX	FLEXIBLE	
AFF	ABOVE FINISHED FLOOR	FLOUR	FLOURESCENT	
AIC	AMPERES INTERRUPTING CAPACITY (SYMMETRIC)	FT	FEET	
ARCH	ARCHITECTURAL			
AT	AMPERES-TRIP RATING	GA	GAUGE	
ATS	AUTOMATIC TRANSFER SWITCH	GALV	GALVANIZED	
AUTO	AUTOMATIC	GFI	GROUND FAULT INTERRUPTER	
AWG	AMERICAN WIRE GUAGE	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	
		GND	GROUND	
BKR	BREAKER			
BLDG	BUILDING	н	HEIGHT	
		HID	HIGH INTENSITY DISCHARGE	
С	CONDUIT			
C/B	CIRCUIT BREAKER	ID	INSIDE DIAMETER	
СКТ	CIRCUIT	IMC	INTERMEDIATE METAL CONDUIT	
CLG	CEILING	IN	INCH(ES)	
CU	COPPER			
		JB	JUNCTION BOX	
DIA	DIAMETER			
DISC	DISCONNECT	KCMIL	THOUSAND CIRCULAR MILLS	
DP	DOUBLE POLE	KV	KILOVOLT	
DPDT	DOUBLE POLE DOUBLE THROW	KVA	KILOVOLT AMPERE	
DWG	DRAWING	KVAR	KILOVOLT AMPERE REACTIVE	
Dwg	DRAWING	KW	KILOWATT	
		КМН	KILOWATT HOUR	
EC				
ELEC		L	LENGTH	
EMT		LA	LIGHTNING ARRESTOR	
ENCL	ENCLOSURE	LT(G)	LIGHT(ING)	
EQUIP	EQUIPMENT	LV	LOW VOLTAGE	
EXF	EXHAUST FAN			

ABBREVIATIONS (CONT.)		ABBR	ABBREVIATIONS (CONT.)		
Μ	MOTOR	REC	RECEPTACLE		
mA	MILLIAMPERES	RGS	RIGID GALVANIZED STEEL		
m	METER	RM	ROOM		
MAX	MAXIMUM				
MECH	MECHANICAL	SC	SHORT CIRCUIT		
MH	MANHOLE, MOUNTING HEIGHT, METAL HALIDE	SEC	SECONDARY		
MIN	MINIMUM	SPDT	SINGLE POLE DOUBLE THROW		
MISC	MISCELLANEOUS	SPEC	SPECIFICATIONS		
mm	MILLIMETER	SPST	SINGLE POLE SINGLE THROW		
MTD	MOUNTED	SS	STAINLESS STEEL		
MTG	MOUNTING	STD	STANDARD		
		SW	SWITCH		
Ν	NEUTRAL	SYM	SYMMETRICAL		
NA	NOT APPLICABLE				
NC	NORMALLY CLOSED	TEL	TELEPHONE		
NEC	NATIONAL ELECTRICAL CODE	ттв	TELECOMMUNICATION TERMINAL BOARD		
NO	NORMALLY OPEN	TV	TELEVISION		
NTS	NOT TO SCALE	ТҮР	TYPICAL		
OC	ON CENTER	UL	UNDERWRITERS LABORATORIES		
OD	OUTSIDE DIAMETER	UON	UNLESS OTHERWISE NOTED		
OFE	OWNER FURNISHED EQUIPMENT				
OL	OVERLOAD	V	VOLT, VOLTAGE		
		VA	VOLT AMPERES		
PB	PUSH BUTTON				
PF	POWER FACTOR	W	WIDTH, WATTS		
PH	PHASE	W/	WITH		
PNL	PANEL	W/O	WITHOUT		
PRI	PRIMARY	W/O	WITTOOT		
PVC	POLY-VINYL CHLORIDE	XFMR	TRANSFORMER		

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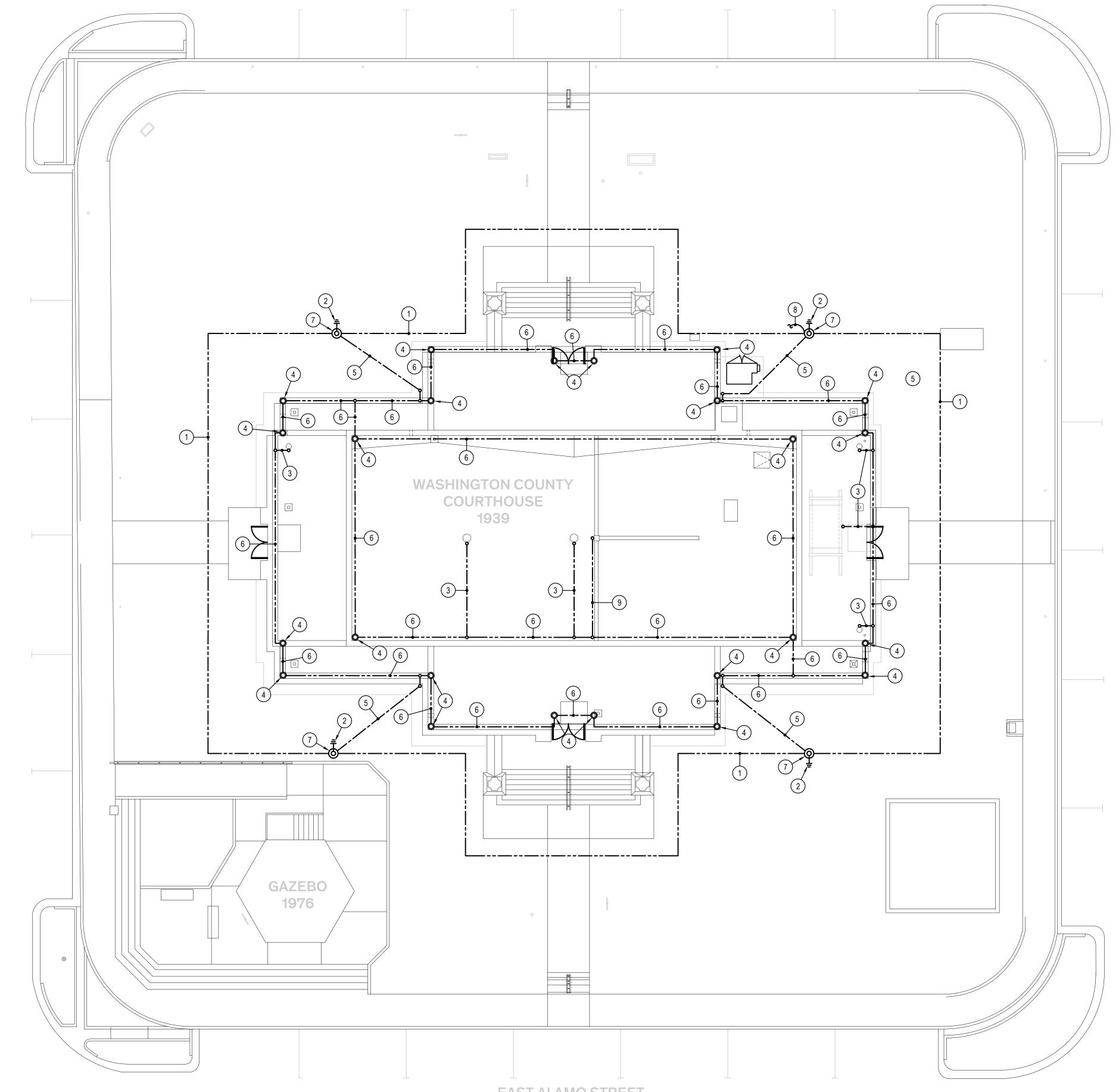
Architexas No. 2443

Date July 10, 2025

Sheet Name ELECTRICAL COVER SHEET







Ш ШК -S SOUTH PARK

EAST MAIN STREET

S S T



EAST ALAMO STREET

GENERAL NOTES

- THIS PLAN INDICATES MINIMUM REQUIREMENTS FOR LOCATION AND ROUTING OF LIGHTNING PROTECTION SYSTEM COMPONENTS AND CONDUCTORS AND IS NOT INTENDED TO ILLUSTRATE A COMPLETE DESIGN. A LPI CERTIFIED MASTER LIGHTNING PROTECTION SYSTEM DESIGNER/INSTALLER SHALL BE RESPONSIBLE FOR THE COMPLETE DESIGN OF A U.L. MASTER LABEL CERTIFIED SYSTEM. ALL MATERIALS SHALL BE AS REQUIRED PER NFPA 780.
- 2. ALL DOWN CONDUCTORS TO BE ROUTED ON EXTERIOR OF BUILDING AS INCONSPICOUS AS POSSIBLE.
- 3. EQUIPMENT LAYOUTS AND COMPONENTS SHOWN ARE SCHEMATIC IN NATURE AND REPRESENT A DESIGN INTENT ONLY. EQUIPMENT SHOWN DOES NOT REFLECT THE ENTIRETY OF ALL SYSTEMS REQUIRED. ACTUAL EQUIPMENT INSTALLED AND FINAL SIZES AND LOCATIONS ARE TO BE PROVIDED BASED ON SITE SPECIFIC CONDITIONS.
- ALL GROUND CONNECTIONS FOR BUILDING GROUNDING SYSTEM SHALL BE EXOTHERMIC WELD (CADWELD OR EQUAL) AND 4. ROOFTOP LIGHTNING PROTECTION SYSTEM CONNECTIONS SHALL BE MECHANICAL OR EXOTHERMIC WELD TYPE. REFER TO DETAILS ON SHEET E-8.01.
- 5. ADD BENTONITE (A CLAY) SLURRY MATERIAL TO SOIL SURROUNDING GROUND RODS AND COUNTERPOISE CONDUCTOR WHEN SOIL IS ROCKY OR SANDY, OR IN PARTICULAR DRY CLIMATES, IN ACCORDANCE WITH MIL-HDBK-419A. MIL-HDBK-419A REQUIRES THE BACKFILL SHALL CONSIST OF A MIXTURE OF 75 PERCENT GYPSUM (CALCIUM SULFATE), 20 PERCENT BENTONITE CLAY, AND 5 PERCENT SODIUM SULFATE. ENCASE THE COUNTERPOISE IN A 50 MM ENVELOPE OF SLURRY OF THE BACKFILL MATERIAL. INSTALL GROUND RODS IN 150 MM DIAMETER AUGURED HOLES. BACKFILL HOLE WITH SLURRY OF THE BACKFILL MATERIAL. THE BACKFILL MATERIAL MUST BE SATURATED WITH WATER AFTER INITIAL INSTALLATION AND BE TOPPED WITH A 12 IN. LAYER OF EXCAVATED SOIL.
- 6. AN ALTERNATE TO BENTONITE SLURRY MATERIAL IS TO ADD ERICO'S GROUND ENHANCEMENT MATERIAL (GEM) OR EQUAL TO GROUND RODS AND THE COUNTERPOISE CONDUCTOR. INSTALL THE GEM IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION GUIDES.
- 7. IN CERTAIN HIGH RESISTIVITY SOILS, THE USE OF CHEMICALLY TREATED GROUND RODS SHALL BE CONSIDERED.
- 8. GROUND SYSTEM IMPEDANCE NOT TO EXCEED 10 OHMS.
- 9. ALL MATERIALS SHALL BE AS REQUIRED IN NFPA 780.
- 10. ALL AIR TERMINALS SHALL BE A MINIMUM OF 24 IN. IN LENGTH.
- 11. ALL HANDHOLE AND MANHOLE COVERS MUST BE LOCKING TYPE/LOCKABLE.
- 12. MAINTAIN HORIZONTAL OR DOWNWARD COURSING OF MAIN CONDUCTOR AND INSURE THAT ALL BENDS HAVE AT LEAST AN 8" RADIUS AND BENDS DO NOT EXCEED 90 DEGREES.
- 13. ATTACH ALL EXPOSED ROOF, DOWNLEAD, AND BONDING CABLES AT 3'-0" ON CENTER MAXIMUM. VERIFY COMPATIBILITY OF ADHESIVE ON MEMBRANE ROOF APPLICATIONS PRIOR TO INSTALLATION.
- 14. GROUND ELECTRODES SHALL BE INSTALLED AS SHOWN BUT IN NO INSTANCE SHALL THEY BE LESS THAN 1'-0" BELOW GRADE AND 2'-0" FROM FOUNDATION WALL DRIVEN RODS SHALL PENETRATE EARTH AT LEAST 10'-0".
- 15. BOND TO WATER SERVICE AND OTHER PIPING SYSTEMS AS SHOWN AND AS REQUIRED BY CODES. 16. INTERCONNECT LIGHTNING PROTECTION GROUND TO ELECTRIC, TELEPHONE, AND OTHER BUILDING GROUND SYSTEMS AS SHOWN OR AS REQUIRED BY CODES.
- 17. SYSTEM SHALL BE INSTALLED AS SHOWN TO INSURE PROPER CODE COMPLIANCE AND SYSTEM CERTIFICATION. ANY MAJOR VARIANCE SHALL ENTAIL RE-SUBMITTAL AND NEW APPROVAL.
- 18. AS BUILT DRAWINGS SHALL BE SUBMITTED IN ACCORDANCE WITH CERTIFICATION PROCEDURES.
- 19. ALL MATERIALS TO BE UNDERWRITERS' LABORATORIES APPROVED WITH LABELS ON CONDUCTORS AT 10'-0" INTERVALS AND LABELS ON ALL AIR TERMINALS.
- 20. DO NOT DAMAGE STONE AND BRICK MASONRY. FASTEN AS NECESSARY IN MORTAR JOINTS ONLY AND NOT INTO MASONRY UNITS.

KEYED NOTES:

1 BARE, STRANDED, COPPER CONDUCTOR 18 IN. BELOW FINISHED GRADE. TUNNEL BELOW EXISTING SIDEWALKS AS NECESSARY.

- (2) COPPER CLAD STEEL GROUND ROD.
- (3) BOND ROOFTOP MECHANICAL EQUIPMENT TO LIGHTNING PROTECTION SYSTEM. SEE DETAIL SHEET E-8.01 FOR ADDITIONAL INFORMATION.
- (4) AIR TERMINAL.
- (5) LIGHTNING PROTECTION DOWN CONDUCTOR. COORDINATE ROUTING DOWN EXTERIOR OF EXISTING EXTERIOR WALL WITH THE ARCHITECT. PROVIDE METALLIC GUARD AS REQUIRED AND BOND GUARD AT EACH END.
- 6 LIGHTNING PROTECTION CONDUCTOR.
- 7 HAND HOLE.
- (8) CABLE TO MAIN GROUND BUS BAR, SEE DETAIL SHEET E-8.01 FOR ADDITIONAL INFORMATION.
- (9) BOND ROOFTOP MOUNTED FLAGPOLE TO LIGHTNING PROTECTION SYSTEM. SEE DETAIL SHEET E-8.01 FOR ADDITIONAL INFORMATION.

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11 July 2025

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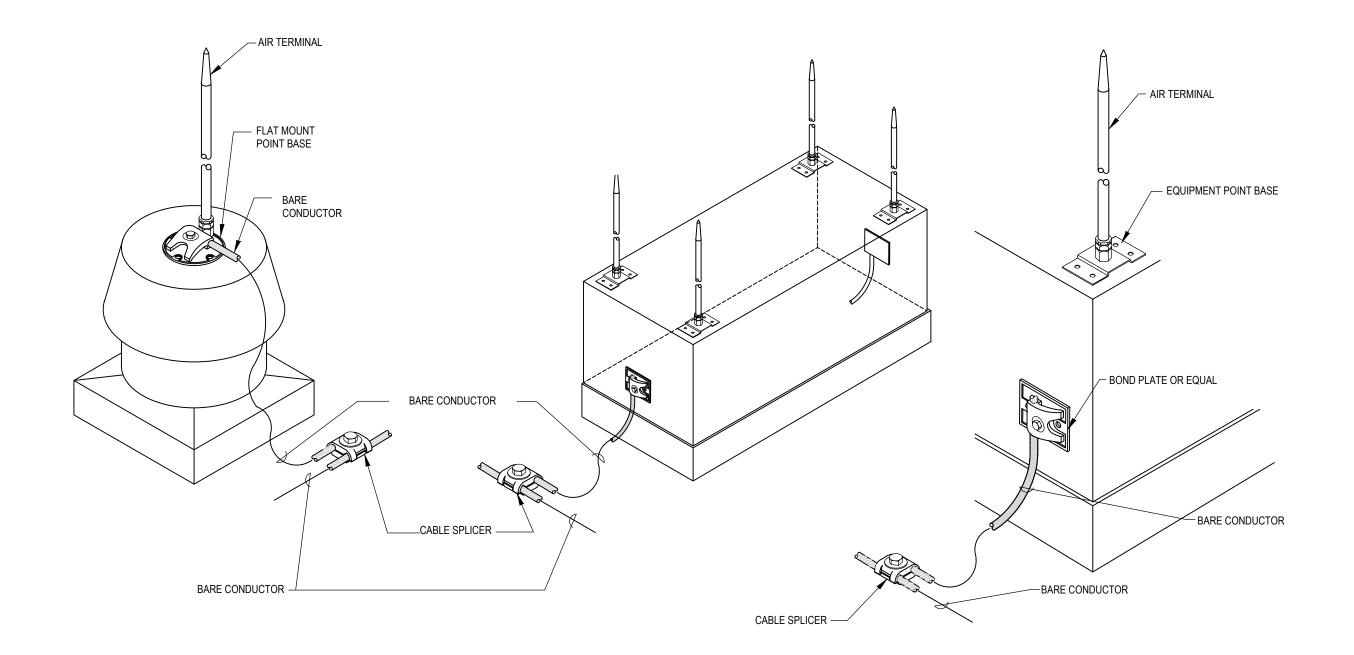
Architexas No. 2443

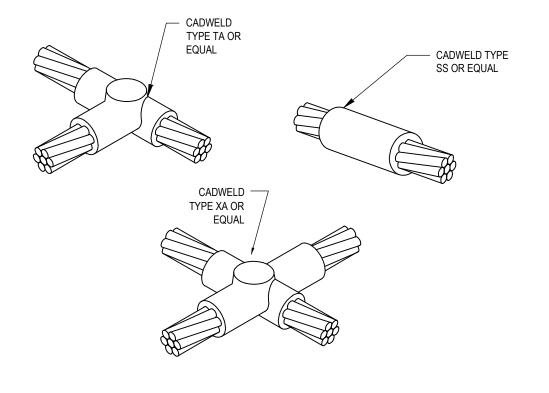
Date July 10, 2025

Sheet Name LIGHTNING PROTECTION PLAN

Sheet Number

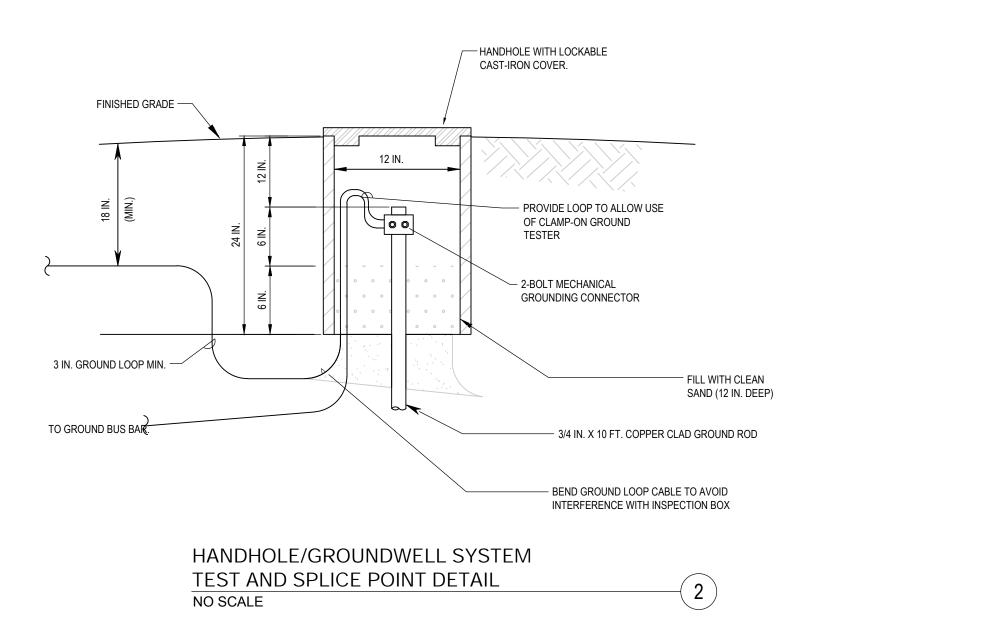
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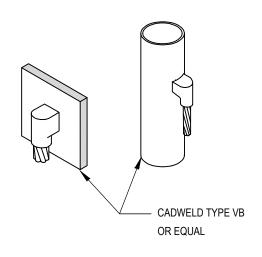






(7)





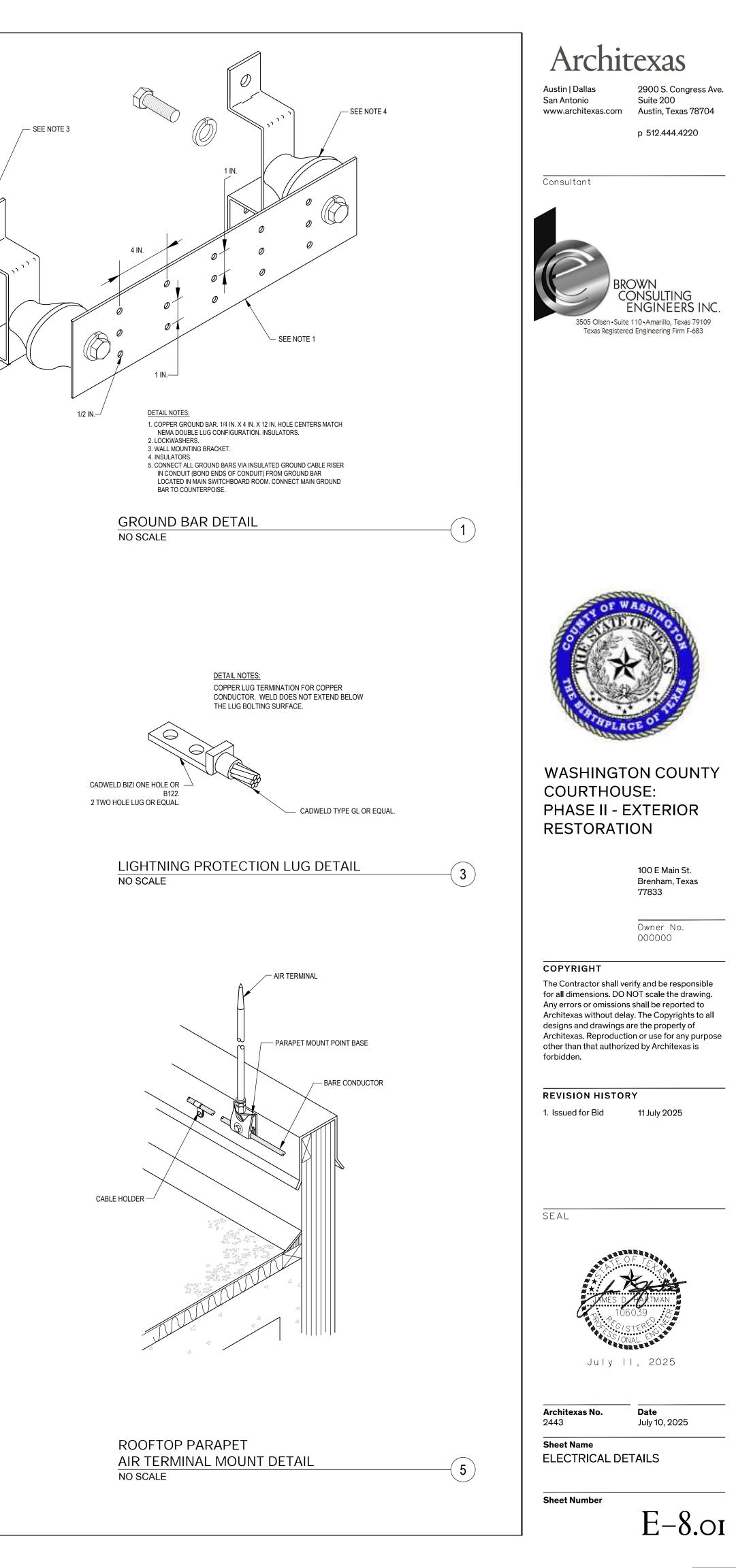
ANTENNA MAST BONDING DETAIL

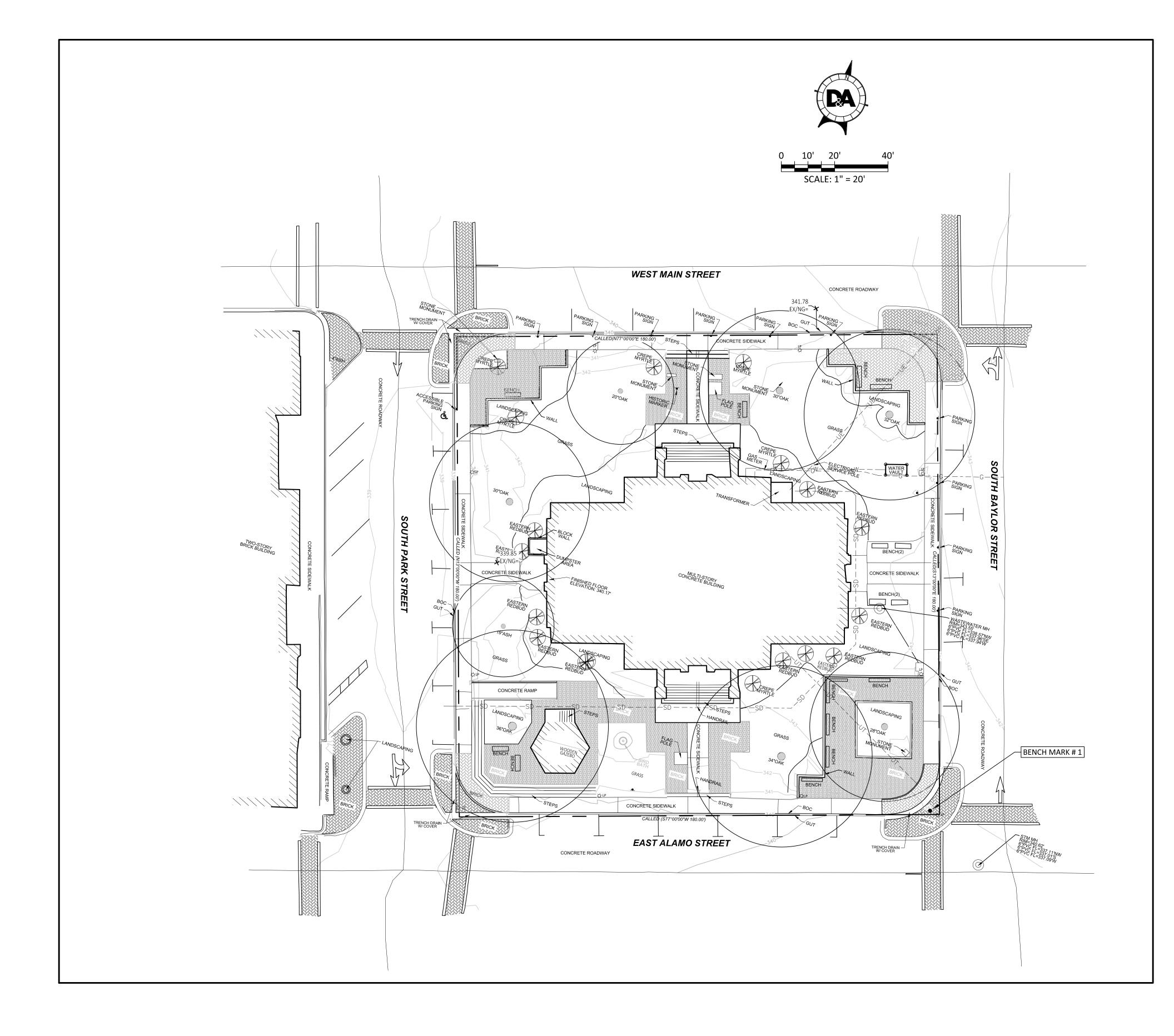
-(4)

SEE NOTE 2-/

ROOFTOP MECHANICAL/METALLIC EQUIPMENT BONDING DETAIL NO SCALE

-6





WASHINGTON COUNTY COURTHOUSE IMPROVEMENT **TOPOGRAPHIC SURVEY**

OBSERVATIONS.

NOTES:

4. SUBSURFACE UTILITY INFORMATION SHOWN HEREON IS APPROXIMATE, UTILITIES MAY EXIST NOT SHOWN HEREON.

CONTROL POINT No. 101: EASTING: 3,540,179.23, ELEVATION: 340.98

SURVEY CONTROL					
POINT #	NORHTING	EASTING	ELEVATION	DESCRIPTION	
101	10046451.28	3540179.23	340.98	CHISELED "X"	
102	10046621.66	3540132.67	343.14	CHISELED "X"	
103	10046572.81	3539964.16	339.44	CHISELED "X"	
104	10046406.84	3540011.61	339.15	CHISELED "X"	
201	10046464.60	3540084.99	342.90	CHISELED "X"	
202	10046491.01	3540006.60	340.22	CHISELED "X"	
203	10046563.38	3540057.60	342.99	CHISELED "X"	
204	10046525.51	3540133.30	343.24	CHISELED "X"	
205	10046466.63	3539938.09	338.87	CHISELED "X"	

Julian -. DILLON FUGATE



LEGEND

IRON ROD FOUND [UNLESS NOTED] IRON PIPE FOUND [AS NOTED] **RIGHT OF WAY TYPE II** MONUMENT FOUND NAIL FOUND Δ E ELECTRIC MANHOLE $\sqrt{2}$ FIRE HYDRANT G GAS METER LIGHT POLE ά IRRIGATION CONTROL VALVE WATER VALVE WATER METER STORM SEWER MANHOLE ഭ T TELEPHONE PEDESTAL MH GREASE MANHOLE (T) **TELEPHONE MANHOLE** SIGN [AS NOTED] **BENCHMARK FOUND** ELECTRIC METER E ΕT ELECTRIC TRANSFORMER ß GAS VALVE MAILBOX WASTEWATER MANHOLE CONTROL POINT

1. BASIS OF BEARING IS THE TEXAS COORDINATE SYSTEM, SOUTH CENTRAL ZONE [4204], NAD 83 (2011), EPOCH 2010, AS BASED ON LEICA SMARTNET VRS GPS OBSERVATIONS. ALL COORDINATES AND DISTANCES SHOWN ARE GRID VALUES, UNITS: US SURVEY FEET.

2. ELEVATION SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS BASED ON LEICA SMARTNET VRS GPS

3. SURVEY DONE WITHOUT BENEFIT OF TITLE COMMITMENT. ENCUMBRANCES MAY EXIST NOT SHOWN HEREON.

BENCH MARK # 1:

BEING A CHISELED "X" IN BRICK SET AT NORTHWEST INTERSECTION OF EAST ALAMO STREET AND SOUTH BAYLOR STREET. NORTHING:10,046,451.28

SURVEYOR'S CERTIFICATION:

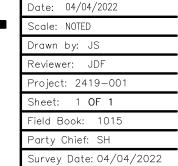
I HEREBY CERTIFY THIS SURVEY WAS MADE ON THE GROUND, AND THAT THIS PLAT CORRECTLY REPRESENTS THE FACTS FOUND AT THE TIME OF SURVEY AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE TEXAS SOCIETY OF PROFESSIONAL SURVEYORS STANDARDS AND SPECIFICATIONS FOR A CATEGORY 1A CONDITION II LAND TITLE SURVEY AND A CATEGORY 6, CONDITION II TOPOGRAPHIC SURVEY.



TEXAS REGISTRATION NO. 6360 DOUCET & ASSOCIATES DFUGATE@DOUCETENGINEERS.COM



Civil Engineering // Entitlements // Geospatial 7401 B. Highway 71 W, Ste. 160 Austin, TX 78735, Tel: (512)-583-2600 www.doucetengineers.com TBPE Firm Number: 3937 TBPELS Firm Number: 10105800



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REVISION HISTORY

1. SD Submission 2. DD Submission 3. 60% CD 4. 95% CD Draft 5. 95% CD Final

28 July 2021 08 December 2021 07 February 2022 14 March 2022 18 April 2022

SEAL

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SURVEY PLAN

