CERTIFICATE OF APPROPRIATENESS



APPLICATION FORM **PROPERTY** Address 1001 Preston Street, Houston, TX 77002 Historic District / Landmark Main Street Market Squre HCAD # 0010320000001 1-4, 6-9, s 1/2 of Block 32 Subdivision Lot 10, p of 11, 12 DESIGNATION TYPE PROPOSED ACTION Landmark Contributing X Alteration or Addition □ Relocation Protected Landmark X Noncontributing Restoration Demolition Archaeological Site ☐ Vacant Excavation **DOCUMENTS** Application checklist for each proposed action and all applicable documentation listed within are attached

OWNER	APPLICANT (if other than owner)
Name John Blount	Name
Company Harris County	Company
Mailing Address 1001 Preston Street, 7th Floor	Mailing Address
Houston, TX 77002	Dhone
Phone (713)755-5370	Phone
Email ()	Email
Signature For Hulfis Comp	Signature

ACKNOWLEDGEMENT OF RESPONSIBILITY

Requirements: A complete application includes all applicable information requested on checklists to provide a complete and accurate description of existing and proposed conditions. Preliminary review meeting or site visit with staff may be necessary to process the application. Owner contact information and signature is required. Late or incomplete applications will not be considered.

Deed Restrictions: You have verified that the work does not violate applicable deed restrictions.

Public Records: If attached materials are protected by copyright law, you grant the City of Houston, its officers, agencies, departments, and employees, non-exclusive rights to reproduce, distribute and publish copyrighted materials before the Houston Archaeological and Historical Commission, the Planning Commission, City Council, and other City of Houston commissions, agencies, and departments, on a City of Houston website, or other public forum for the purposes of

explication for a Certificate of Appropriateness of building permit, and other educational and not for profit purposes. You neereby represent that you possess the requisite permission or rights being conveyed here to the City. Compliance: If granted, you agree to comply with all conditions of the COA. Revisions to approved work require staff review and may require a new application and HAHC approval. Failure to comply with the COA may result in project									
delays, fines or other penalties.	Svai. Failule to comply with the Sox may result in project								
Planner:	Application received:// Application complete://								

CERTIFICATE OF APPROPRIATENESS



PROPERTY ADDRESS: 1001 Preston Street, Houston, TX 77002



<u>Well in advance</u> of the COA application deadline contact staff to discuss your project and, if necessary, to make an appointment to meet with staff for a project consultation.

Complete all applicable items and submit with the COA application form. Staff can assist you in determining what items are required for your scope of work. An incomplete application may cause delays in processing or may be deferred to the next agenda. Application materials must clearly represent current and proposed conditions. Refer to Houston Code of Ordinances, Ch. 33 VII, Sec. 33-241 for approval criteria for alteration, rehabilitation, restoration and additions.

BUILDING TYPE				ALTERATION TYPE			
	single-family residence		garage		addition		roof
	multi-family residence		carport		foundation		awning or canopy
X	commercial building		accessory structure		wall siding or cladding		commercial sign
	mixed use building		other		windows or doors		ramp or lift
	institutional building				porch or balcony		other
WI	RITTEN DESCRIPTIO	N					
	property description, current conditions and any prior alterations or additions						
	proposed work; plans to change any exterior features, and/or addition description						
	current building material co	onditi	ons and originality of any n	natei	rials proposed to be repaire	d or	replaced
X	proposed new materials description; attach specification sheets if necessary						
PHOTOGRAPHS label photos with description and location							
X	detail photos of exterior elements subject to proposed work						
	historical photos as evidence for restoration work						
DRAWINGS scale like drawings the same; include all dimensions and drawing scale; label with cardinal directions							
	current site plan			X	demolition plan		
	proposed site plan				current roof plan		
	current floor plans				proposed roof plan		
	proposed floor plans				current elevations (all side	s)	
	current window and door s	chec	lule	X	proposed elevations (all si	des)	
	proposed window and doo	r sch	edule		perspective and/or line of s	sight	

Rev. 10.2014

City of Houston Planning & Development Department Historic Preservation Office



Re: Harris County Administration Building at 1001 Preston, Houston, Texas Fifth Floor Exterior Window Replacement

Executive Summary

This report for the Harris County administration building at 1001 Preston in Houston, Texas is provided as an attachment to the Certificate of Appropriateness Application Form at the County's request and will address the extent of the proposed alteration work to the existing building. The subject building is a non-contributing building in the Historic District of Main Street Market Square.

Harris County has requested that Kirksey study the existing window system at 1001 Preston and recommend a new system to replace it on the 5th floor. The current system is a thermally inadequate single pane system and is in a varying stages of disrepair.

The proposed system is to closely match the existing one in material, color and profile but incorporate a more energy efficient IGU (Insulating Glass Unit) system. The window replacement for the entire building will be done in phases over the next few years, floor by floor, so the look for the fifth floor has to match the existing system as much as possible.

The Proposed Design

A Kawneer PG123 thermally broken window system was recommended. It will fit in the exact same location as the current one with similar details. Frames & mullions for the proposed system will be located at the same locations as the existing system, vertically & horizontally.

The County requested that the chair rail at the existing window system be eliminated in the new system in order for the clear glass to be carried all the way down to floor level instead of the old configuration of chair rail and spandrel glass below.

The proposed system will meet all current codes & regulations as well as all applicable standards for air, water, wind & structural performance.

Conclusion

The proposed window replacement will not modify the exterior look of the building. The proposed alteration is necessary in order to improve the performance of the existing deteriorating window system.

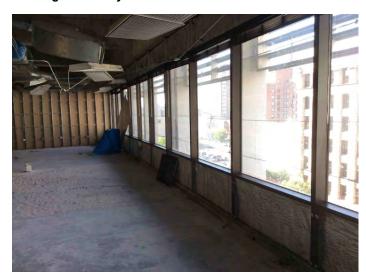
Photographs of 1001 Preston



Existing window system – exterior view



Existing window system – interior view



Existing exterior view of 1001 Preston



PG123° (Pre-Glaze) ISOWEB° Framing

Solution to Today's Accelerated Construction Schedule



View from interior



Responding to the need for quality control, simplified fabrication and faster installation, Kawneer has designed PG 123°, a ribbon window/framing and multi-lite punched opening system with preglaze capability, labor-savings and unit construction. The system is structural silicone glazed with captured head and sill cans, and intermediate horizontals.

Economy

PG 123° offers the choice of stock length or factory fabrication and can be shipped knocked down. In addition, the system can be pre-assembled and pre-glazed under controlled shop conditions that save time compared to field construction. Screw spline joinery, with square cuts and no miters or notching, reduce fabrication time. Pre-glaze units are installed from the interior of the building to minimize weather delays and reduce the need for scaffolds and lift equipment.

Performance

PG 123° incorporates the ISOWEB° glass reinforced nylon thermal break that provides improved condensation resistance and prevents thermal transmittance. The System is fully tested, including air and water infiltration after live load movement.

Fully pressure equalized with a rain screen gasket to eliminate the exterior seal between glazed units, PG 123° is fully tested to appropriate AAMA, ASTM & CAN/CSA A-440 standards for air, water and structural performance.



View from exterior

Aesthetics

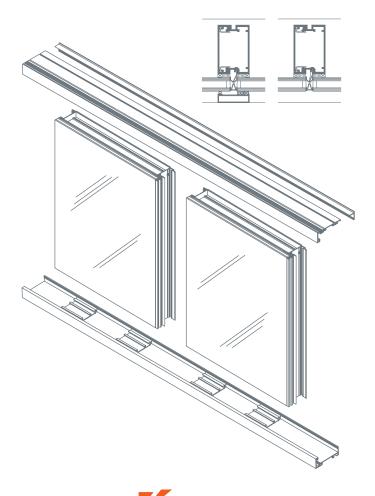
The ribbon window system is structural silicone glazed on two sides with optional applied covers for a four-sided captured appearance. Vertical covers are optional for a clean, monumental appearance without sight line build up for building owners who prefer more traditional aesthetics. The ISOWEB Thermal Break offers dual-color finish options, which means the exterior does not have to match the interior. PG 123® accommodates a one-inch infill with 1/4" adaptors for spandrel applications.

For the Finishing Touch

Permadonic Anodized finishes are available in Class I and Class II in seven different colors.

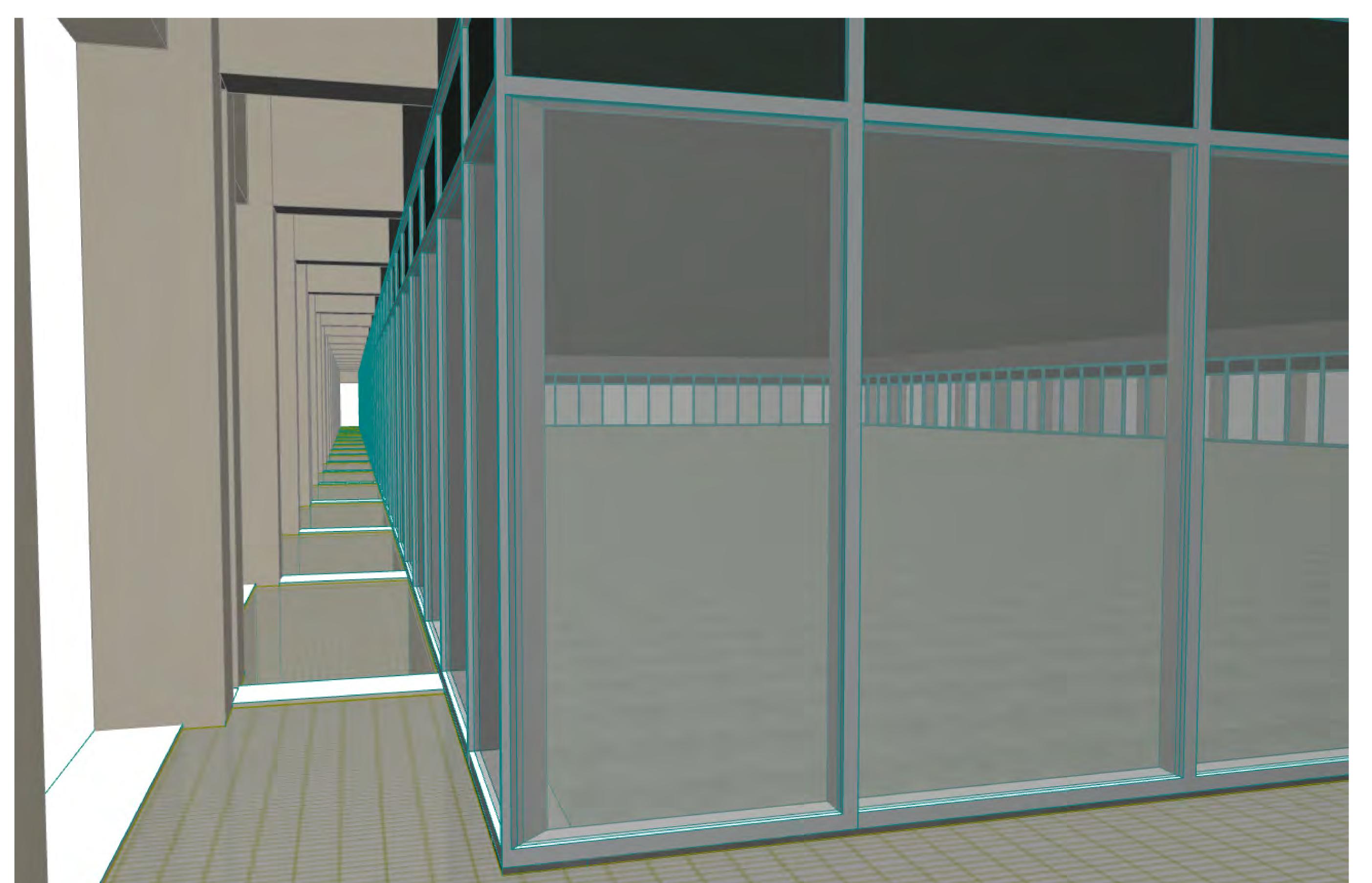
Painted Finishes, including fluoropolymer that meet or exceed AAMA 2605, are offered in many standard choices and an unlimited number of specially-designed colors.

Solvent-free powder coatings add the "green" element with high performance, durability and scratch resistance that meet the standards of AAMA 2604.



Kawneer Company, Inc. Technology Park / Atlanta 555 Guthridge Court Norcross, GA 30092 kawneer.com 770 . 449 . 5555





HARRIS COUNTY ADMINISTRATION BUILDING

1001 PRESTON AVENUE HOUSTON, TEXAS 77002-1893

BID PACKAGE 1 - 5TH FLOOR EXTERIOR WINDOW REPLACEMENT ISSUED FOR CONSTRUCTION

22 DECEMBER 2015



6909 Portwest Drive Houston Texas 77024 713 850 9600 kirksey.com

PROJECT TEAM

(713) 467-9840

HARRIS COUNTY

1001 PRESTON AVENUE, 7TH FLOOR HOUSTON, TEXAS 77002-1893 713-755-6304

713-755-6304

BUILDING EXTERIOR
SOLUTIONS, LLC
ENVELOPE CONSULTANT

6975 PORTWEST DRIVE, SUITE 100
HOUSTON, TEXAS 77024



PROJECT NAME

HARRIS COUNTY

ADMINISTRATION BUILDIN

PROJECT ADDRESS

1001 PRESTON AVENUE
HOUSTON, TEXAS 77002-1893

DVSEV DDO IECT NO OO4 F44

ARCH. REF. SYMBOLS

MATERIALS

ABBREVIATIONS

6909 Portwest Drive Houston Texas 77024 713 850 9600 kirksey.com

HARRIS COUNTY **BUILDING EXTERIOR**



NO.	DATE	ISSUE
CD	15 OCT 2015	REVIEW & COORDINATION
	22 DEC 2015	ISSUED FOR CONSTRUCTION

HARRIS COUNTY

PROJECT ADDRESS

1001 PRESTON AVENUE HOUSTON, TEXAS 77002-1893

KIRKSEY PROJECT NO. 2015198

SHEET NUMBER A0.10

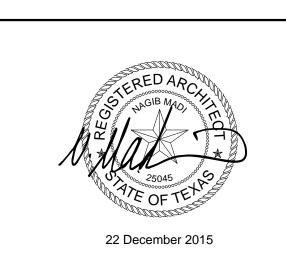
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PROJECT MAPS

PROJECT TEAM

BUILDING EXTERIOR SOLUTIONS, LLC ENVELOPE CONSULTANT

HARRIS COUNTY OWNER



NO. DATE ISSUE CD 15 OCT 2015 REVIEW & COORDINATION

PROJECT NAME HARRIS COUNTY
ADMINISTRATION BUILDING

PROJECT ADDRESS 1001 PRESTON AVENUE HOUSTON, TEXAS 77002-1893

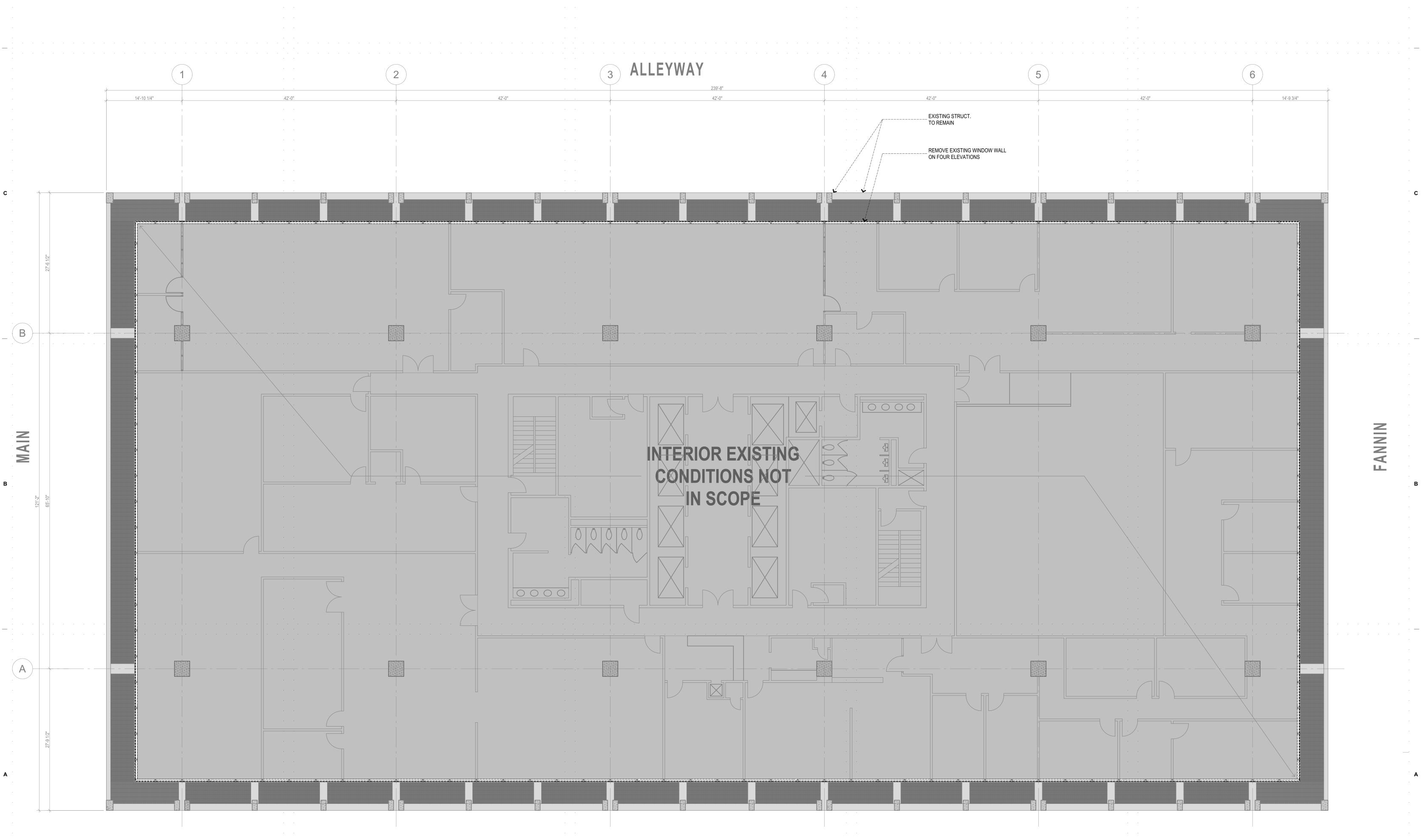
2015198

PROJECT NO. KEY PLAN

Level 5 Demolition Floor Plan

SHEET NUMBER

A2.10



SCALE: 1/8" = 1'-0"

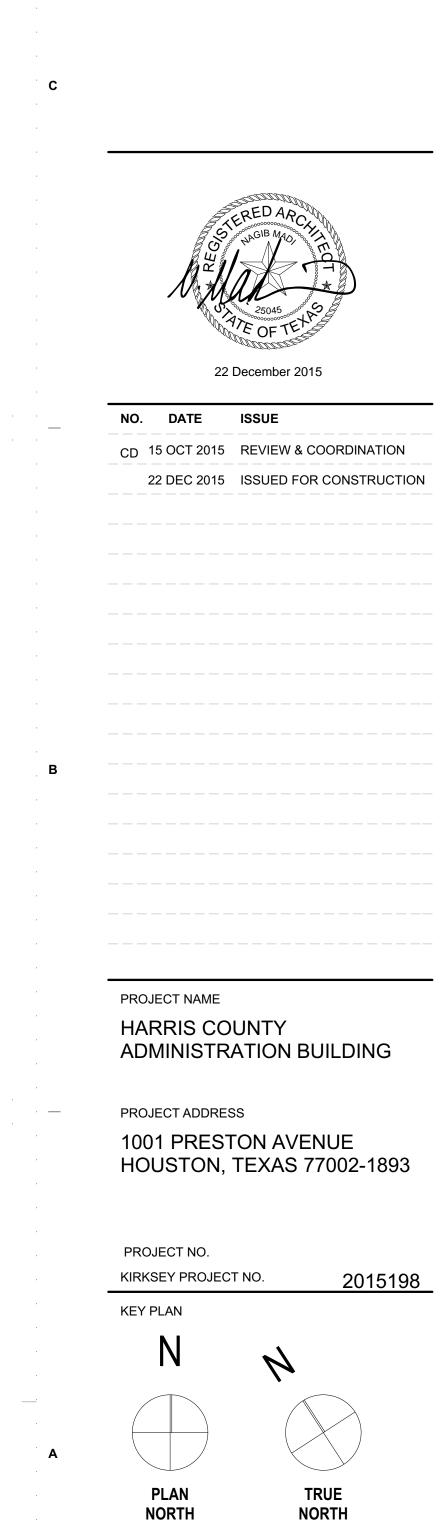


PROJECT TEAM

HARRIS COUNTY
OWNER

BUILDING EXTERIO

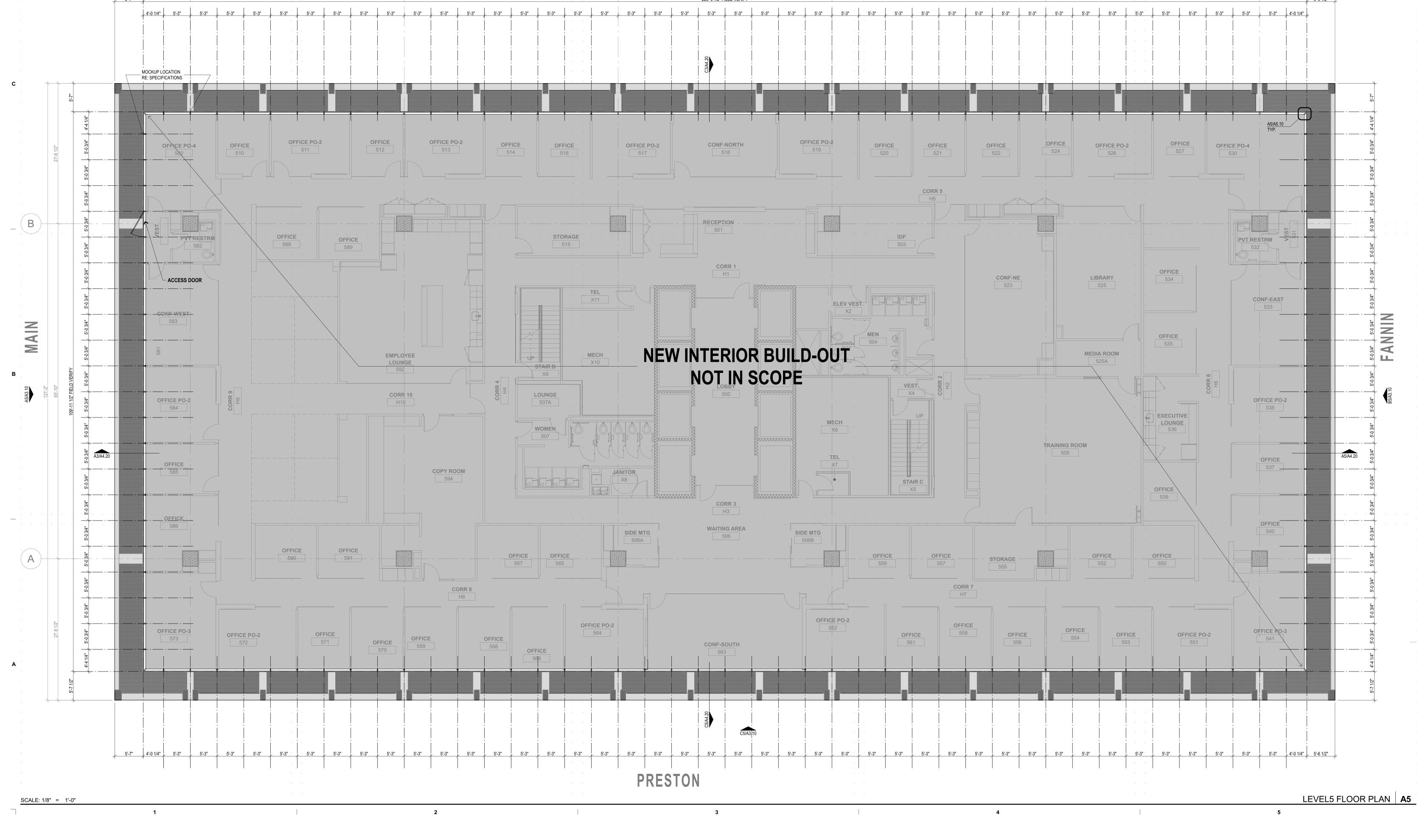
BUILDING EXTERIOR SOLUTIONS, LLC ENVELOPE CONSULTANT



SHEET TITLE
Level 5 Floor Plan

SHEET NUMBER
A2.30

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PROJECT TEAM

HARRIS COUNTY
OWNER

BUILDING EXTERIOR SOLUTIONS, LLC ENVELOPE CONSULTANT

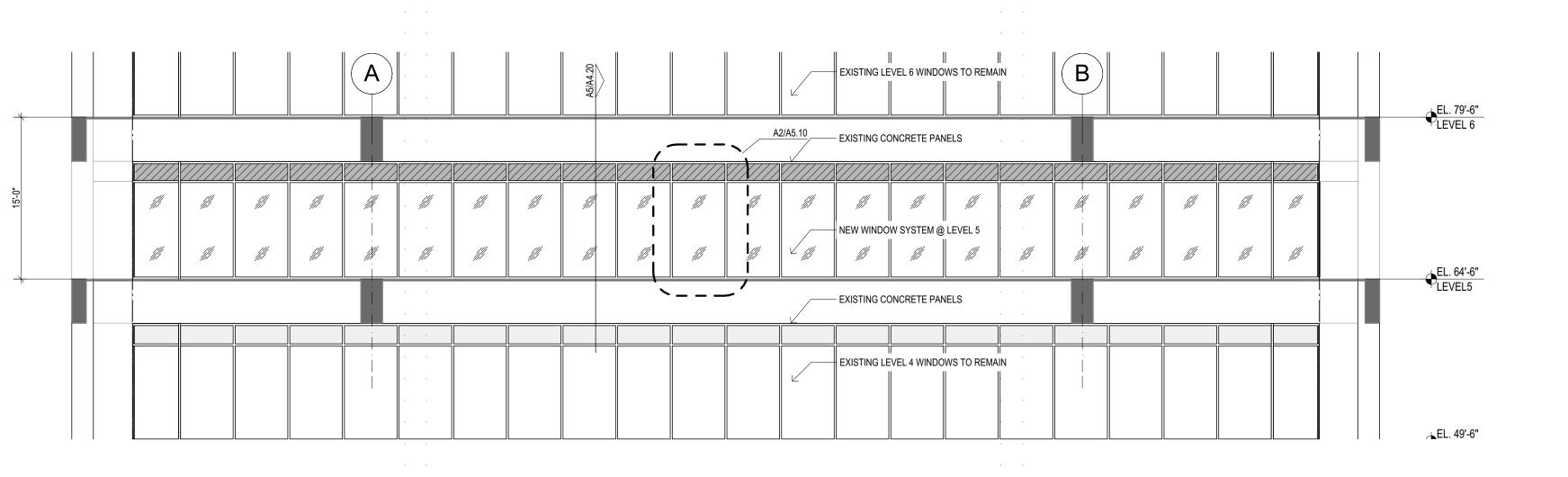
NO. DATE ISSUE

CD 15 OCT 2015 REVIEW & COORDINATION

SCALE: 1/8" = 1'-0"

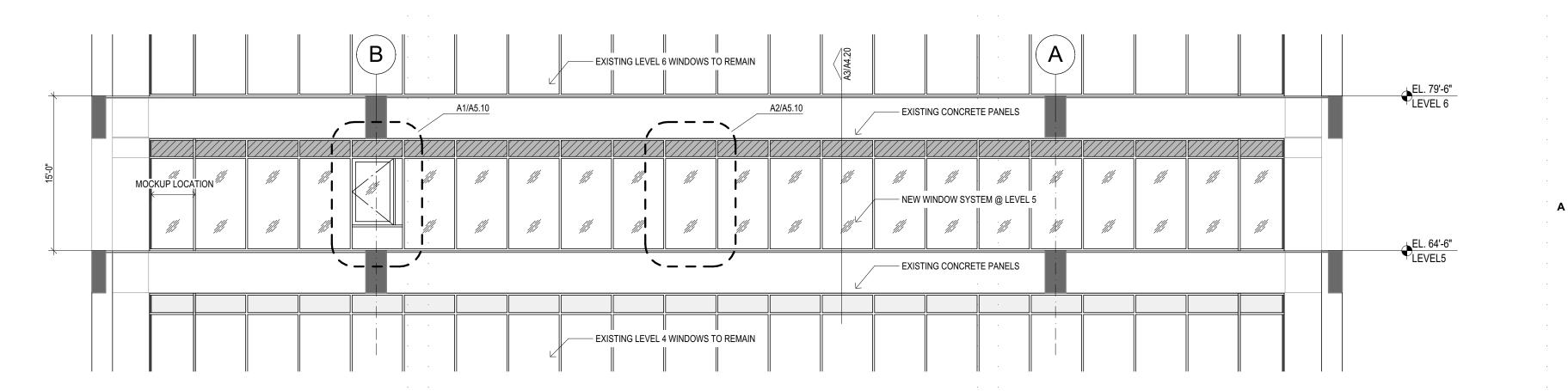
SOUTH ELEVATION C5

NORTH ELEVATION D5



— EXISTING LEVEL 4 WINDOWS TO REMAIN

SCALE: 1/8" = 1'-0"



Exterior Elevations

SHEET TITLE

PROJECT NAME

PROJECT ADDRESS

PROJECT NO.

KEY PLAN

KIRKSEY PROJECT NO.

HARRIS COUNTY

ADMINISTRATION BUILDING

HOUSTON, TEXAS 77002-1893

2015198

1001 PRESTON AVENUE

SHEET NUMBER
A3.10

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5198 Harris County [Bimserver] | 12/16/201

SCALE: 1/8" = 1'-0"

SCALE: 1/8" = 1'-0"

C

WEST ELEVATION A5



PROJECT TEAM

HARRIS COUNTY

BUILDING EXTERIOR SOLUTIONS, LLC ENVELOPE CONSULTANT



NO.	DATE	ISSUE
CD 1	5 OCT 2015	REVIEW & COORDINATION
2	2 DEC 2015	ISSUED FOR CONSTRUCT

PROJECT NAME

HARRIS COUNTY

ADMINISTRATION BUILDING

PROJECT ADDRESS

1001 PRESTON AVENUE
HOUSTON, TEXAS 77002-1893

PROJECT NO.

KIRKSEY PROJECT NO.

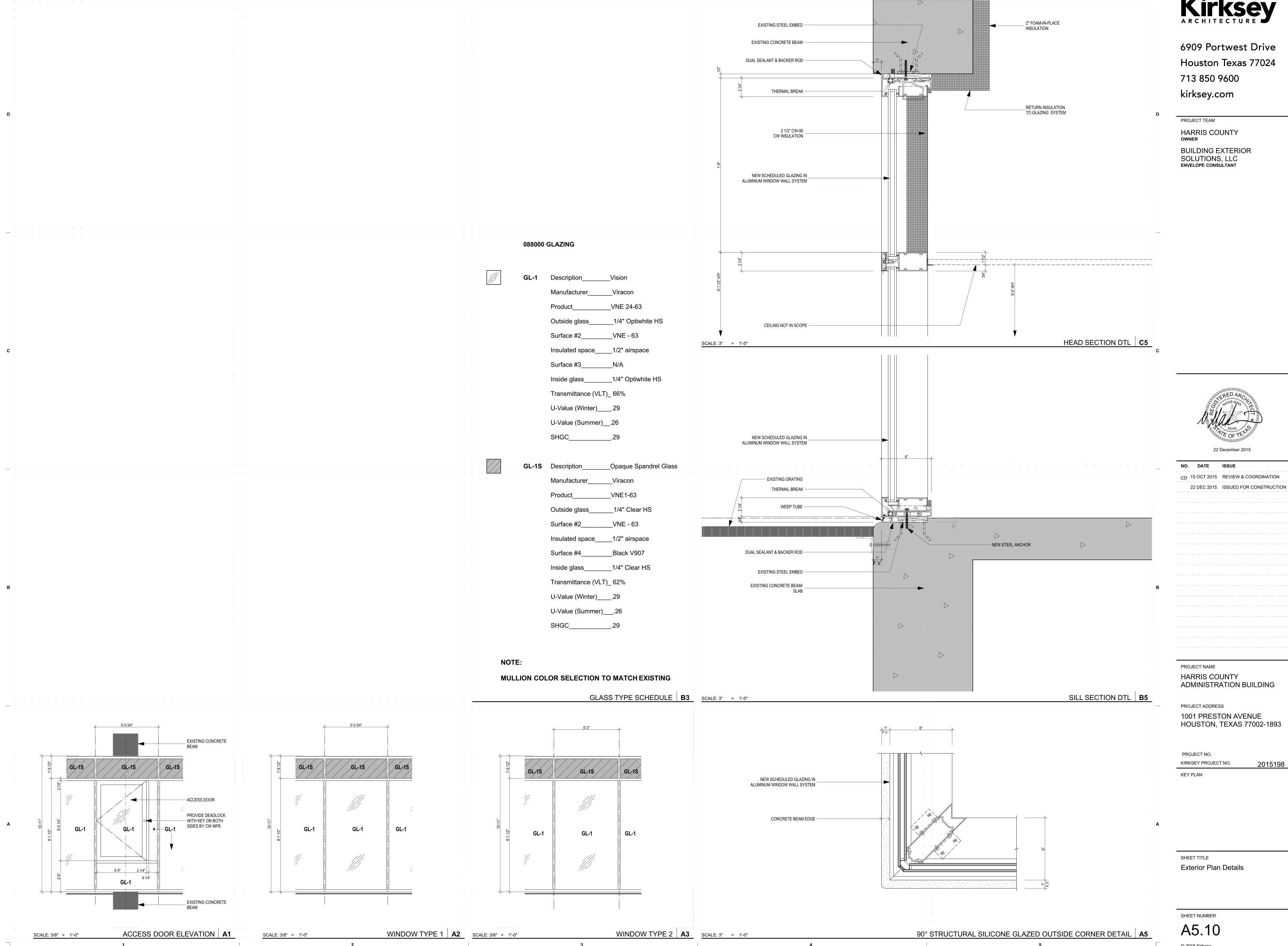
KEY PLAN

SHEET TITLE
Wall Sections

SHEET NUMBER

A4.20

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22 DEC 2015 ISSUED FOR CONSTRUCTION

HOUSTON, TEXAS 77002-1893

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