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A NEW AUTOMOTIVE BUILDING FOR:  
**LUTHER BLOOMINGTON KIA**  
BLOOMINGTON, MINNESOTA

PL202400150  
PL2024-150

REVISION HISTORY

NO.	DESCRIPTION	DATE

date: 09-09-2024  
job: 23-131  
d. by: NML / KJF

**A-1.1**

Z:\2023\23-131 Luther Kia Bloomington\23-131 REV\T23-131 Luther Kia Bloomington\_Rotated Showroom.rvt

9/9/2024 10:31:35 AM

KEY NOTE	MATERIAL SUMMARY	KEY NOTE	MATERIAL SUMMARY	KEY NOTE	MATERIAL SUMMARY
ACM-1	<b>METAL PANEL (A.G.M.):</b> MANUFACTURER: ALPOLIC MATERIAL: COMPLETE RAIN SCREEN ACM SYSTEM COLOR: TOB BLACK LOCATION: KIA FACADE, REFER TO EXTERIOR ELEVATIONS	D-1	<b>ALUMINUM ENTRANCE IV. INSUL. GLAZING:</b> MANUFACTURER: KAVNEER 350 OR EQUAL STYLE: REFER TO DOOR SCHEDULE & ELEVATIONS (MED. STILE) GLAZING: 1" INSULATED, TEMPERED, PFG, SOLARBAN 60, CLEAR COLOR: CLEAR ANODIZED LOCATION: EXTERIOR, REFER TO PLANS & ELEVATIONS	BES-1	<b>BUILDING EXTERIOR SIGNAGE (BY OWNER)</b> MANUFACTURER: PATTISON SIGN GROUP STYLE/TYPE: KIA SYMBOL/LETTERS POWER REQUIREMENTS: POWER IS REQUIRED, REFER TO ELECTRICAL DRAWINGS. COORDINATE IV. OWNER AND SIGNAGE VENDOR. NOTE: CONTRACTOR TO PROVIDE REQUIRED BLOCKING (BLOCKING TO BE PAINTED, WHERE EXPOSED, TO MATCH WALL PANEL COLOR) INSTALL ACCESS PANELS AT LOCATIONS WHERE NEEDED, REFER TO PLANS. DEALER NOTE: EXTERIOR SIGNAGE IS PURCHASED BY DEALER & INSTALLED BY SIGN MFR. VENDOR.
ACM-2	<b>METAL PANEL (A.G.M.):</b> MANUFACTURER: ALPOLIC MATERIAL: COMPLETE RAIN SCREEN ACM SYSTEM COLOR: B5X SILVER METALLIC LOCATION: KIA FACADE, REFER TO EXTERIOR ELEVATIONS	D-2	<b>HOLLOW METAL DOOR INSUL. (W. GLAZING AS NOTED/SHOWN):</b> STYLE: HOLLOW METAL, PAINTED, REFER TO DOOR SCHEDULE & ELEVATIONS LOCATION: EXTERIOR, REFER TO PLANS & ELEVATIONS	BES-2	<b>BUILDING EXTERIOR SIGNAGE (BY OWNER)</b> MANUFACTURER: PATTISON SIGN GROUP STYLE/TYPE: DEALER NAME SIGNAGE POWER REQUIREMENTS: POWER IS REQUIRED, REFER TO ELECTRICAL DRAWINGS. COORDINATE IV. OWNER AND SIGNAGE VENDOR. NOTE: CONTRACTOR TO PROVIDE REQUIRED BLOCKING (BLOCKING TO BE PAINTED, WHERE EXPOSED, TO MATCH WALL PANEL COLOR) INSTALL ACCESS PANELS AT LOCATIONS WHERE NEEDED, REFER TO PLANS. DEALER NOTE: EXTERIOR SIGNAGE IS PURCHASED BY DEALER & INSTALLED BY SIGN MFR. VENDOR.
ACM-3	<b>METAL PANEL (A.G.M.):</b> MANUFACTURER: ALPOLIC MATERIAL: COMPLETE RAIN SCREEN ACM SYSTEM COLOR: WHITE LOCATION: KIA FACADE, REFER TO EXTERIOR ELEVATIONS	D-3	<b>OVERHEAD DOOR INSUL. ALUM. IV. GLAZING (HIGH SPEED):</b> MANUFACTURER: T.B.D. STYLE: ALUMINUM IV. INSUL. GLAZING GLAZING: INSULATED, TEMPERED, PFG, SOLARBAN 60, CLEAR FINISH/COLOR: CLEAR ANODIZED LOCATION: EXTERIOR, REFER TO PLANS & ELEVATIONS		
ACM-4	<b>METAL PANEL (A.G.M.):</b> MANUFACTURER: ALPOLIC MATERIAL: COMPLETE RAIN SCREEN ACM SYSTEM COLOR: CHARCOAL GREY LOCATION: KIA FACADE, REFER TO EXTERIOR ELEVATIONS	D-4	<b>OVERHEAD DOOR INSUL. PREFINISHED:</b> MANUFACTURER: OVERHEAD DOOR COMPANY OR EQUAL STYLE: REFER TO DOOR SCHEDULE & ELEVATIONS COLOR: WHITE LOCATION: EXTERIOR, REFER TO PLANS & ELEVATIONS		
BR-1	<b>BRICK VENEER</b> MFR: TBD STYLE/TYPE: TBD (LIGHT GREY) LOCATION: EXTERIOR WALLS, REFER TO PLANS & ELEVATIONS	D-5	<b>OVERHEAD DOOR POLYCARBONATE PANELS IV. ALUM. FRAME:</b> MANUFACTURER: OVERHEAD DOOR COMPANY OR EQUAL STYLE: REFER TO DOOR SCHEDULE & ELEVATIONS LOCATION: EXTERIOR, REFER TO PLANS & ELEVATIONS		
PC-1	<b>PRECAST CONCRETE WALL PANEL (INSULATED):</b> MFR: FABCON STYLE/TYPE: 12" THICK, INSUL. WALL PANEL SYSTEM, FORMSIDE EXPOSED AGGREGATE FINISH, INTEGRALLY COLORED (MED. GREY) LOCATION: EXTERIOR WALLS, REFER TO PLANS & ELEVATIONS	CM-1	<b>ALUMINUM CURTAINWALL SYSTEM:</b> MFR: KAVNEER STYLE: 1600-2, STRUCTURAL SILICONE GLAZING AT VERTICAL MULLIONS, EXPRESSED CLEAR ANODIZED FRAME AT HORIZONTAL MULLIONS GLAZING: 1" INSULATED, PFG, SOLARBAN 60, CLEAR FINISH/COLOR: CLEAR ANODIZED, CLASS 1 LOCATION: EXTERIOR WALLS, REFER TO PLANS & ELEVATIONS		
CPY-1	<b>ACM CANOPY</b> ACM MANUFACTURER: ALPOLIC MATERIAL: COMPLETE RAIN SCREEN ACM SYSTEM COLOR: TOB BLACK NOTE: CANOPY TO BE EDGE LIT LOCATION: KIA FACADE, REFER TO EXTERIOR ELEVATIONS	SF-1	<b>ALUMINUM STOREFRONT SYSTEM:</b> MFR: KAVNEER TRIFAB 451T (BASIS OF DESIGN) STYLE: 2'X4" STOREFRONT FRAMING GLAZING: 1" INSULATED, PFG, SOLARBAN 60, CLEAR FINISH/COLOR: CLEAR ANODIZED, CLASS 1 LOCATION: EXTERIOR WALLS, REFER TO PLANS & ELEVATIONS		
WP-1	<b>WALL PACK LIGHT FIXTURE</b> REFER TO REFLECTED CEILING PLAN. COLOR: BLACK	SF-2	<b>ALUMINUM STOREFRONT SYSTEM:</b> MFR: KAVNEER TRIFAB 451T (BASIS OF DESIGN) STYLE: 2'X4" STOREFRONT FRAMING GLAZING: 1" INSULATED, PFG, SOLARBAN 60, SPANDREL FINISH/COLOR: CLEAR ANODIZED, CLASS 1 LOCATION: EXTERIOR WALLS, REFER TO PLANS & ELEVATIONS		
SC-1	<b>SCENCE LIGHT FIXTURE (UP-DOWN LIGHT)</b> REFER TO REFLECTED CEILING PLAN. COLOR: BLACK				

**CONTROL JOINT NOTE:**  
PROVIDE MASONRY CONTROL JOINTS AS RECOMMENDED BY MASONRY CONTRACTOR AND BLOCK SUPPLIER. CONTROL JOINTS NOT TO EXCEED 30'-0" MAX AND 20'-0" MIN.  
ALL CONTROL JOINT LAYOUTS TO BE REVIEWED BY ARCHITECT/ENGINEER AT TIME OF CONSTRUCTION/SHOP DRAWING SUBMITTAL.  
ALL ELEVATIONS AND LAYOUT ARE BASE ON STANDARD MODULAR BLOCK SIZES. CONTRACTOR RESPONSIBLE FOR ANY ADJUSTMENTS IN SIZES REQUIRED IF THEY CHANGE MATERIAL SIZES.

**GLAZING FASTENER NOTE:**  
FASTEN ALL WOOD-BASED PANELS TO COLD-FORM FRAMING IV. SELF-TAPPING CORROSION RESISTANT SCREWS. PNEUMATICALLY DRIVEN PINS FOR WOOD-BASED PANEL ATTACHMENT WILL NOT BE ACCEPTED.

**CURTAINWALL/STOREFRONT NOTE:**  
PROVIDE PREFINISHED ALUMINUM SLIP HEAD TO MATCH ALUMINUM STOREFRONT/ CURTAIN WALL SYSTEM.  
PROVIDE PREFINISHED EXTRUDED ALUMINUM-THERMALLY BROKEN SILL FLASHING WITH END DAMS. INSTALL WITH A POSITIVE SLOPE AWAY FROM INTERIOR AND SET IN SEALANT PER MANUFACTURER'S WRITTEN SPECIFICATIONS.  
PROVIDE ALL SHIMS, SEALANT & BACKER ROD PER MANUFACTURER'S SPECIFICATIONS.

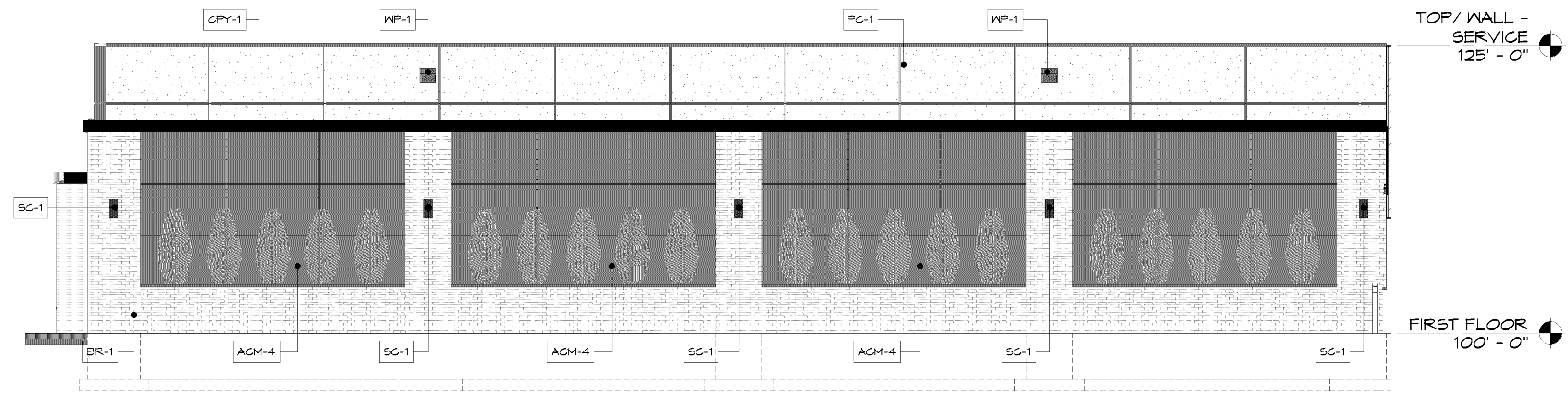
**NOTE:**  
MASONRY PRICE TO INCLUDE DRY-BLOCK IV. INTEGRAL WATER REPELLENT - RHEOPEL XP.

**EXTERIOR MATERIALS**

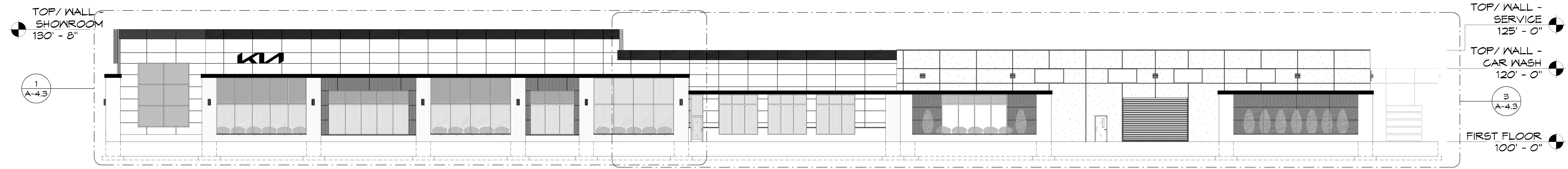
	TOTAL WALL	PRIMARY MATERIAL	PRIMARY MATERIAL (DECORATIVE PREGAST)	SECONDARY MATERIAL
NORTH FACADE	9,747 S.F.	7,711 S.F. (80%)	1,976 S.F. (20%)	--
SOUTH FACADE	9,789 S.F.	7,822 S.F. (80%)	1,965 S.F. (20%)	--
EAST FACADE	7,114 S.F.	2,940 S.F. (41%)	4,174 S.F. (59%)	--
WEST FACADE	7,080 S.F.	6,369 S.F. (90%)	719 S.F. (10%)	--

**FACADE TRANSPARENCY**

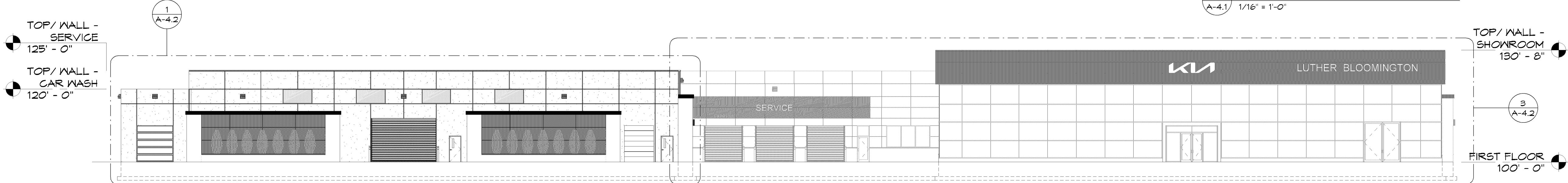
	TOTAL WALL	CLEAR GLAZING PERCENTAGE (TOTAL WALL)	SPANDREL GLAZING PERCENTAGE (TOTAL WALL)	WALL BETWEEN 2' & 10' ABOVE GRADE	CLEAR GLAZING PERCENTAGE (2' & 10' ABOVE GRADE)	SPANDREL GLAZING PERCENTAGE (2' & 10' ABOVE GRADE)
NORTH FACADE (SECONDARY FACADE)	9,747 S.F.	3,674 (38%)	--	2,895 S.F.	1,810 S.F. (63%)	--
SOUTH FACADE (PRIMARY FACADE)	9,789 S.F.	1,992 S.F. (20%)	760 S.F. (8%)	2,920 S.F.	1,930 S.F. (66%)	84 S.F. (3%)
EAST FACADE	7,114 S.F.	609 S.F. (9%)	609 S.F. (9%)	--	--	--
WEST FACADE (PRIMARY)	4,280 S.F.	1,109 S.F. (26%)	665 S.F. (16%)	1,117 S.F.	740 S.F. (67%)	84 S.F. (8%)
WEST FACADE (NON-PRIMARY)	2,800 S.F.	--	--	--	--	--



**3 PARTIAL WEST ELEVATION**  
A-4.1 1/8" = 1'-0"



**2 SOUTH ELEVATION**  
A-4.1 1/16" = 1'-0"



**1 NORTH ELEVATION**  
A-4.1 1/16" = 1'-0"

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**BLOOMINGTON, MINNESOTA**

PL202400150  
PL2024-150

**REVISION HISTORY**

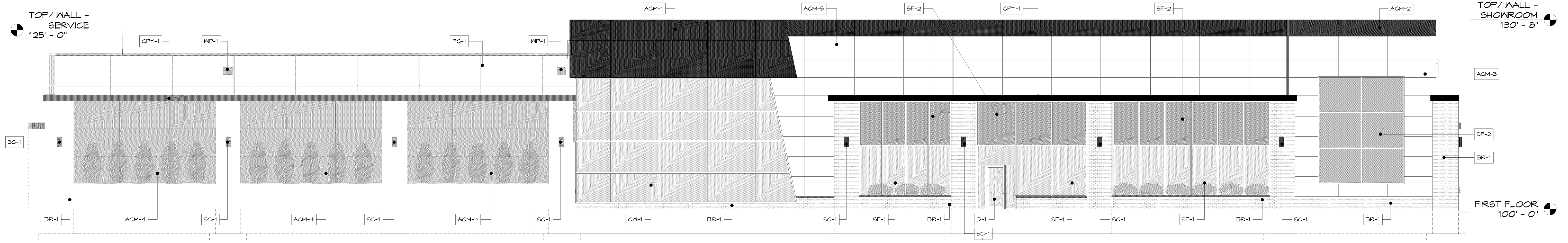
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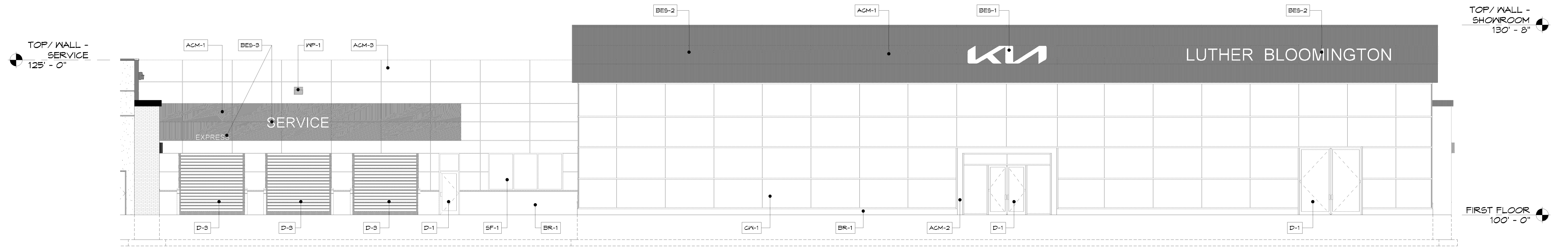
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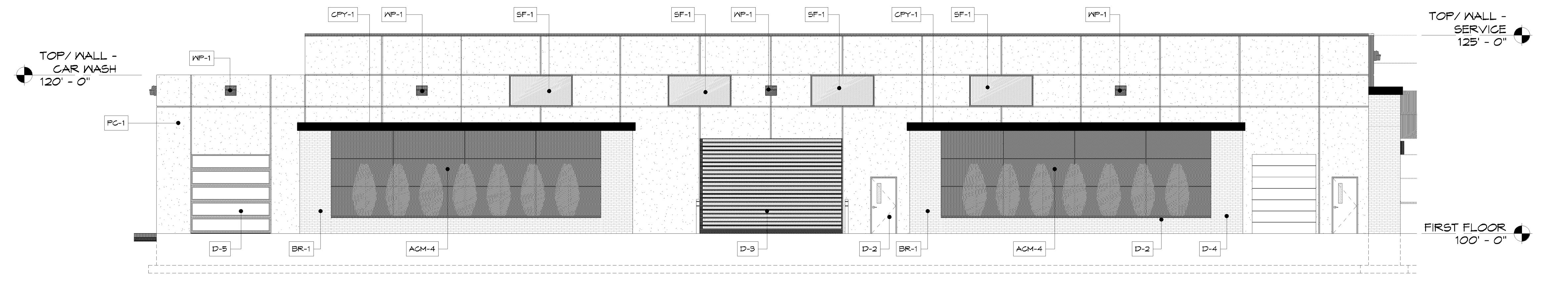
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4 WEST ELEVATION  
A-4.2 1/8" = 1'-0"



3 NORTH ELEVATION - PART 'B'  
A-4.2 1/8" = 1'-0"



1 NORTH ELEVATION - PART 'A'  
A-4.2 1/8" = 1'-0"

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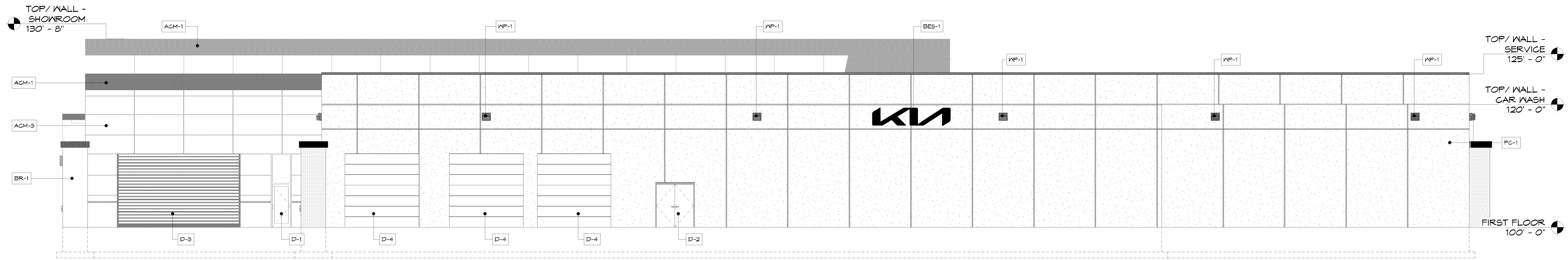
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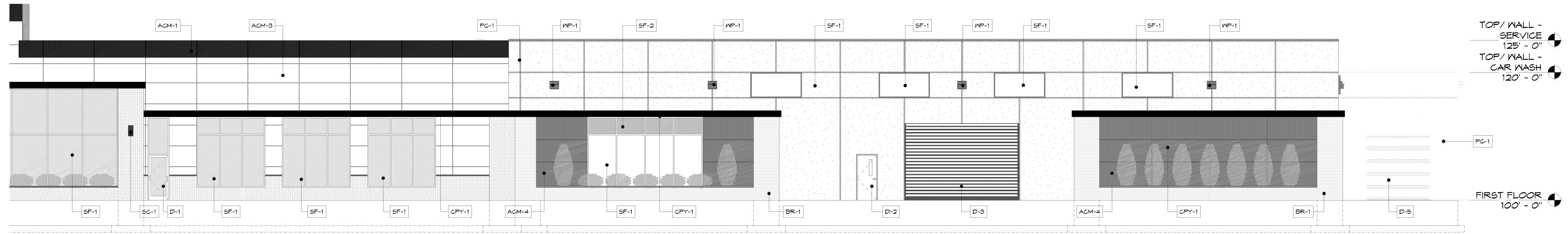
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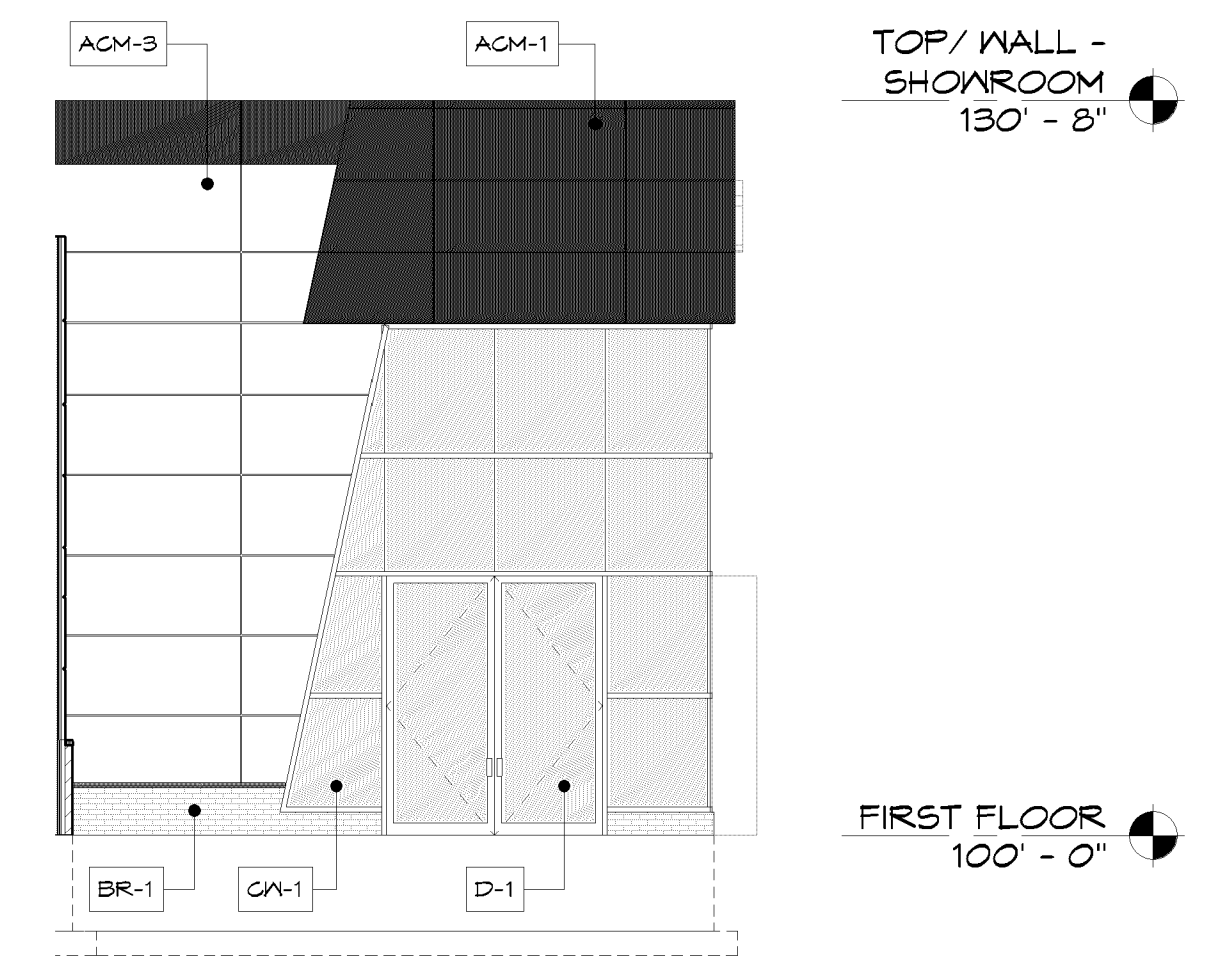
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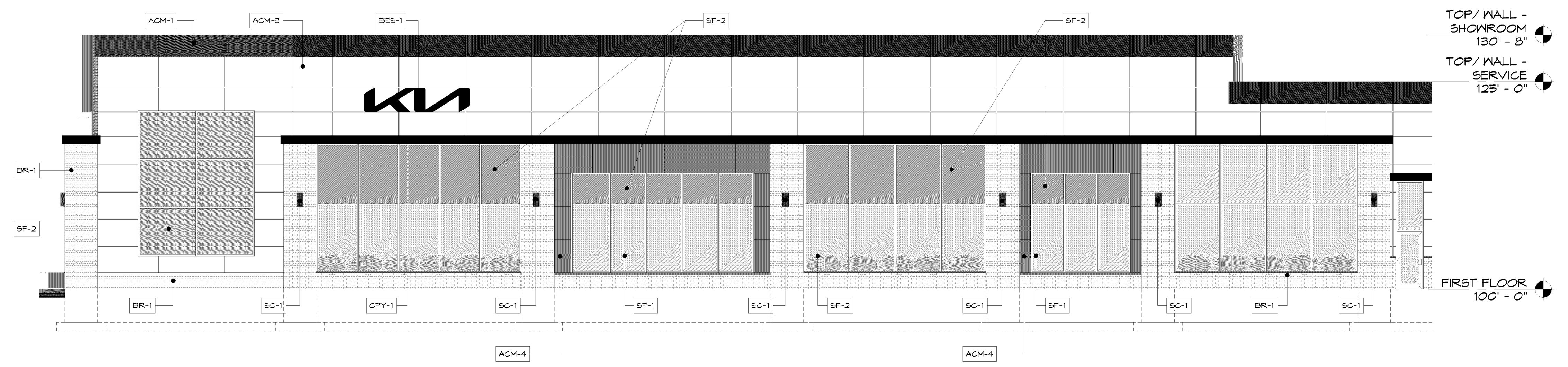
4 EAST ELEVATION  
A-4.3 1/8" = 1'-0"



3 SOUTH ELEVATION - PART 'B'  
A-4.3 1/8" = 1'-0"



2 PARTIAL EAST ELEVATION  
A-4.3 1/8" = 1'-0"



1 SOUTH ELEVATION - PART 'A'  
A-4.3 1/8" = 1'-0"

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