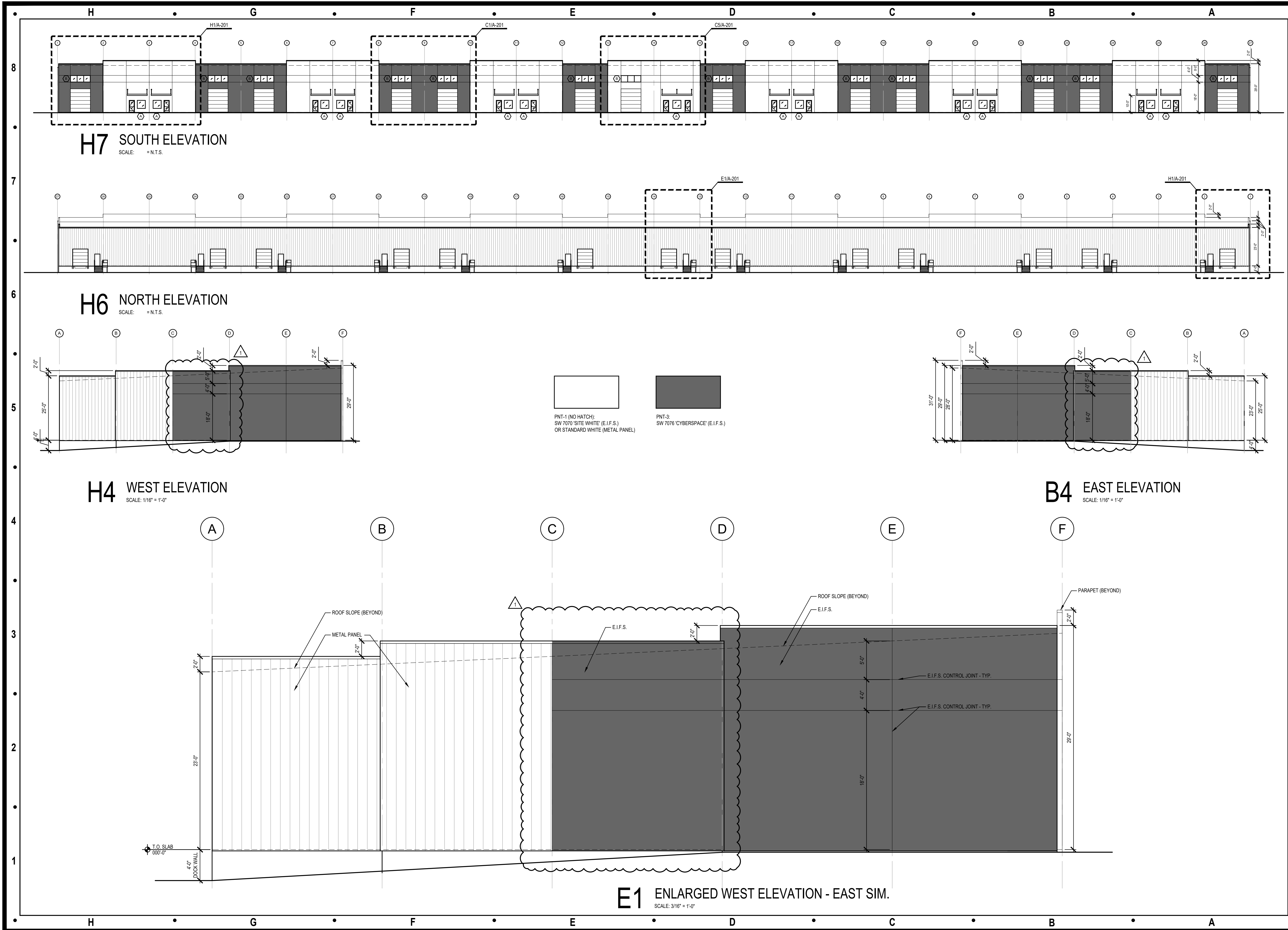




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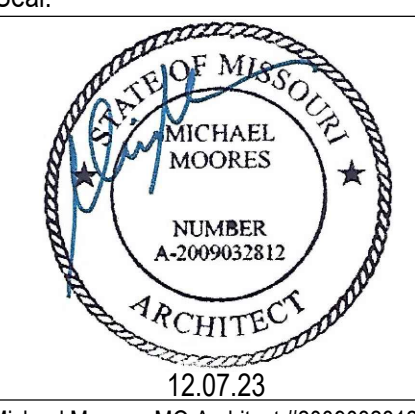
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Seal:



Michael Moore, MO Architect #2009932812

Project Number: 2307

Project Type: NEW CONSTRUCTION

Project Name and Address:

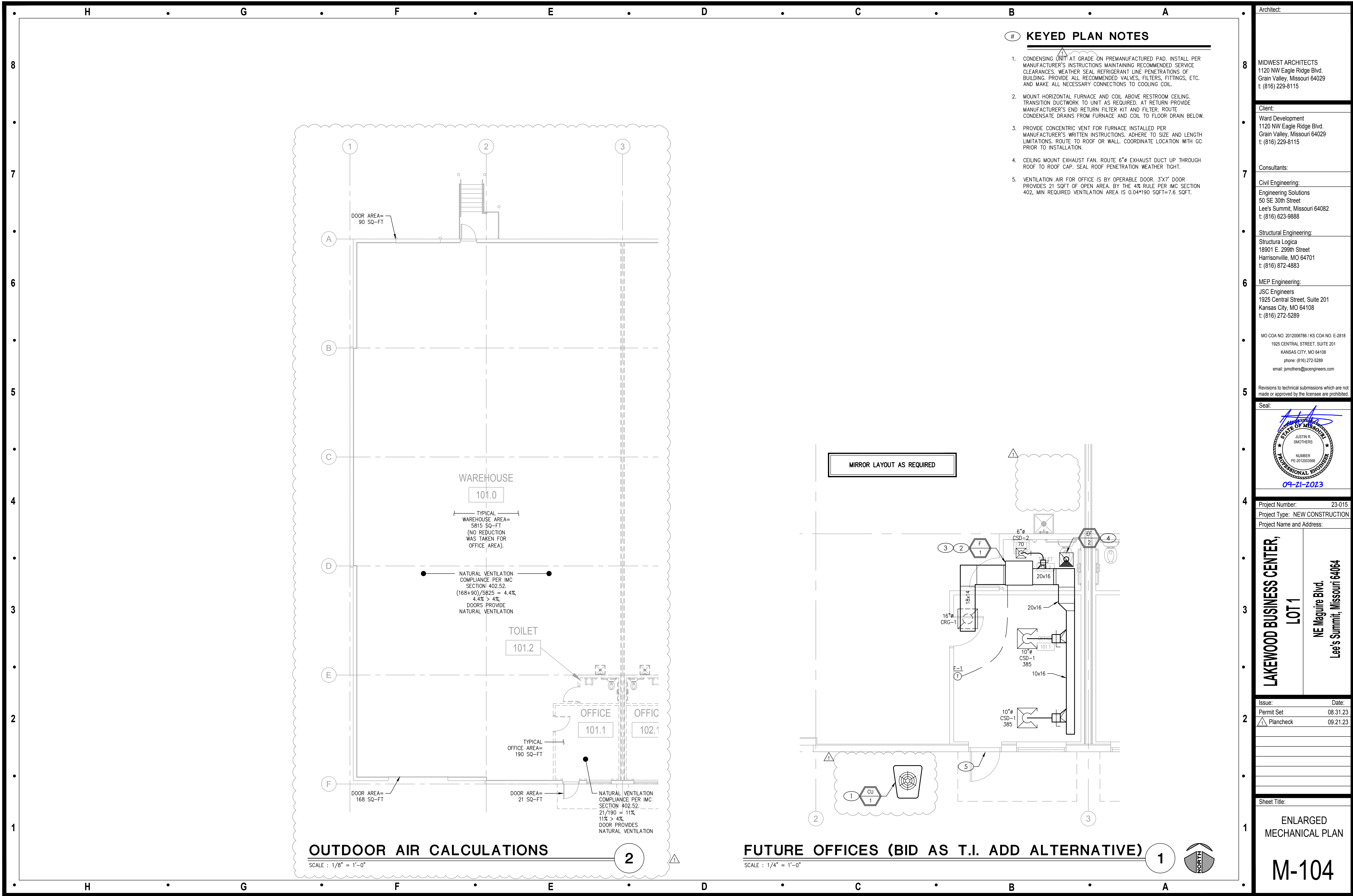
LAKWOOD BUSINESS CENTER,
LOT 1
NE Maguire Blvd
Lee's Summit, Missouri 64064

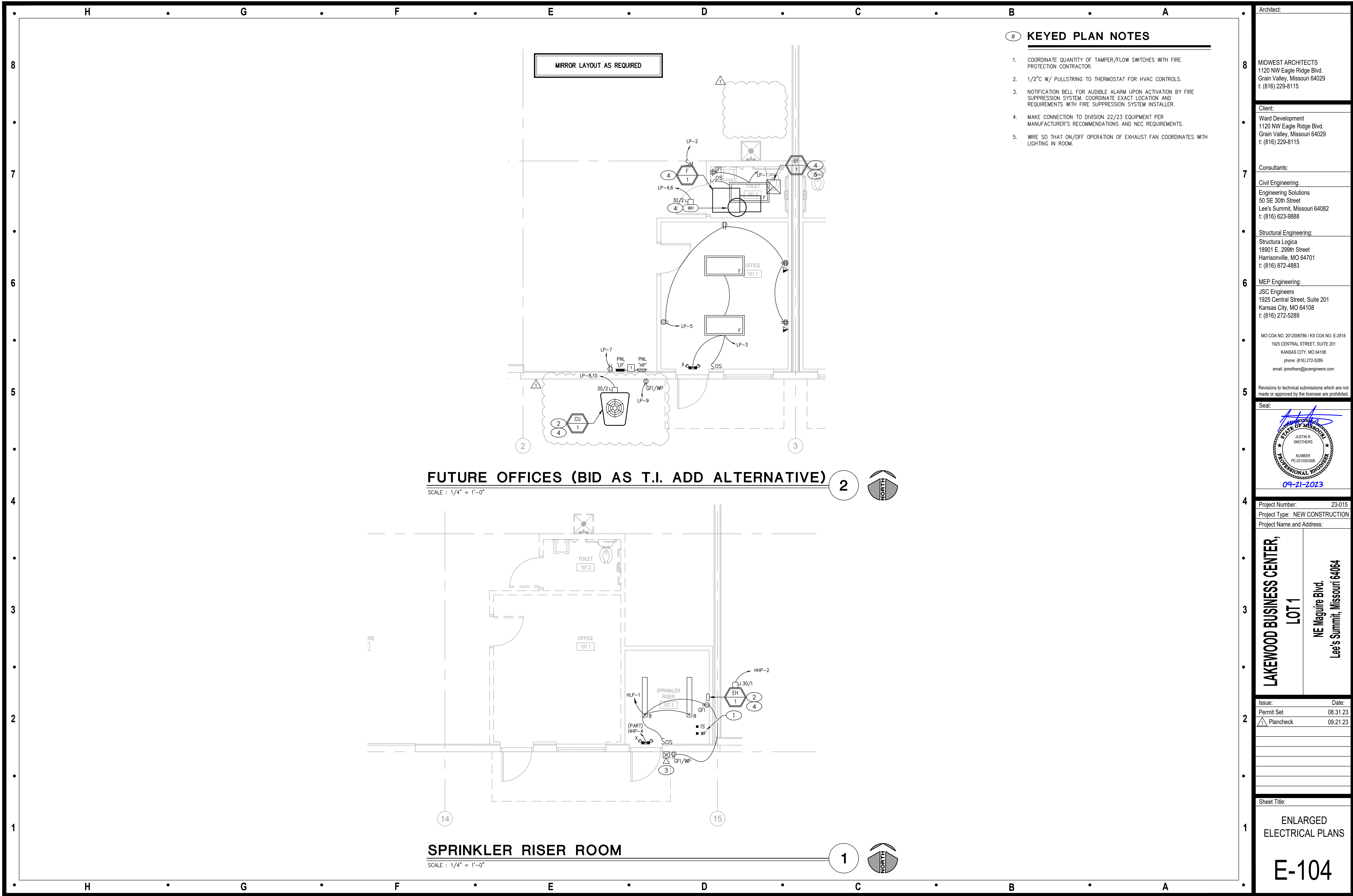
Issue: 08.31.23
Permit Set
Plan Review Comments

Sheet Title:

EXTERIOR ELEVATIONS

A-200





KEYED PLAN NOTES

1. COORDINATE QUANTITY OF TAMPER/FLOW SWITCHES WITH FIRE PROTECTION CONTRACTOR.
2. 1/2" W/ PULLSTRING TO THERMOSTAT FOR HVAC CONTROLS.
3. NOTIFICATION BELL FOR AUDIBLE ALARM UPON ACTIVATION BY FIRE SUPPRESSION SYSTEM. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH FIRE SUPPRESSION SYSTEM INSTALLER.
4. MAKE CONNECTION TO DIVISION 22/23 EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS AND NEC REQUIREMENTS.
5. WIRE SO THAT ON/OFF OPERATION OF EXHAUST FAN COORDINATES WITH LIGHTING IN ROOM.

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Seal:



Project Number: 23-015

Project Type: NEW CONSTRUCTION

Project Name and Address:

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LOT 1
NE Maguire Blvd.
Lee's Summit, Missouri 64064

Issue: Date:

Permit Set 08.31.23

Plancheck 09.21.23

Sheet Title:

ENLARGED
ELECTRICAL PLANS

E-104

EVERGY TRANSFORMER PAD DETAIL - 750 THRU 2500kVA

SCALE : NO SCALE

2

PANELBOARD: HP (TYP. 13) (NEW)										FED FROM: NEW SE METER/DISC.				LINE-SIDE LUGS: MECHANICAL			
BUS AMPS: 225A				A/C RATING: 42000 FULLY RATED				EQUIPMENT GROUND BUS									
MAIN SIZE/TYPE: 225A MCB				SERVES: FUTURE OFFICES													
VOLTS/PHASE: 480Y/277V, 3PH, 4W				MOUNTING: SURFACE													
SECTION: 1				LOCATION: SOUTH INTERIOR WALL													
CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.				
		A	B	C					A	B	C						
1	SUBFEED TO	3,312					1					PROVISIONAL SPACE	2				
3	PANELBOARD LP (TYP. 13)		4,317		6	50	3	1				PROVISIONAL SPACE	4				
5	VIA XFMR			3,330			1					PROVISIONAL SPACE	6				
7	PROVISIONAL SPACE						1	1				PROVISIONAL SPACE	8				
9	PROVISIONAL SPACE						1	1				PROVISIONAL SPACE	10				
11	PROVISIONAL SPACE						1	1				PROVISIONAL SPACE	12				
13	PROVISIONAL SPACE						1	1				PROVISIONAL SPACE	14				
15	PROVISIONAL SPACE						1	1				PROVISIONAL SPACE	16				
17	PROVISIONAL SPACE						1	1				PROVISIONAL SPACE	18				
19	PROVISIONAL SPACE						1	1				PROVISIONAL SPACE	20				
21	PROVISIONAL SPACE						1	1				PROVISIONAL SPACE	22				
23	PROVISIONAL SPACE						1	1				PROVISIONAL SPACE	24				
25	PROVISIONAL SPACE						1	1				PROVISIONAL SPACE	26				
27	PROVISIONAL SPACE						1	1				PROVISIONAL SPACE	28				
29	PROVISIONAL SPACE						1	1				PROVISIONAL SPACE	30				
SUBTOTAL		3,312	4,317	3,330								SUBTOTAL					
TOTAL PHASE A - VA		3,312	LOAD		CONN. VA		DF	LOAD		CONN. VA		DF					
AMPS		12	COOLING		4,898		1.00	REFRIG				1.00					
TOTAL PHASE B - VA		4,317	HEATING		0			SIGN/DISP		1.25							
AMPS		16	LIGHTING		121		1.25	KITCHEN		1.00							
TOTAL PHASE C - VA		3,330	RECEPTACLES		1,440		1.0/5	EXISTING		1.00							
AMPS		12	MOTORS		1.00			LRG MOTOR		1.25							
TOTAL PN.LBD - VA		10,959	SUPP HEAT		4,500		1.00	SHOW WNDW		1.25							
AMPS		13	MISC EQUIP		1.00			LTG TRACK		1.00							
												TOTAL DEMAND	10,989 VA				
													13 A				
PANELBOARD NOTES																	

PANELBOARD: LP (TYP.13) (NEW)										FED FROM: HP (TYP. 13)				LINE-SIDE LUGS: MECHANICAL			
BUS AMPS: 100A					A/C RATING: 10000 FULLY RATED					EQUIPMENT GROUND BUS							
MAIN SIZE/TYPE: MLO					SERVES: FUTURE OFFICES												
VOLTS/PHASE: 208Y/120V, 3PH, 4W					MOUNTING: SURFACE												
SECTION: 1					LOCATION: SOUTH INTERIOR WALL												
CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.				
		A	B	C					A	B	C						
1	LTG/RCPT - TOILET	221			12	20	1	1	15	12	924	PWR - FU-1 (HACR)	2				
3	LTG - OFFICE		80		12	20	1	2	30	10	2,250	PWR - WH	4				
5	RCPT - OFFICE			1,080	12	20	1				2,250		6				
7	RCPT - PANEL CONVENIENCE	180			12	20	1	2	30	10	1,987	PWR - CU-1 (HACR)	8				
9	RCPT - EXTERIOR GFI		180		12	20	1				1,987		10				
11	SPARE				20	1	1	20				SPARE	12				
13	SPARE				20	1	1	20				SPARE	14				
15	SPARE				20	1	1	20				SPARE	16				
17	PROVISIONAL SPACE				1	1						PROVISIONAL SPACE	18				
19	PROVISIONAL SPACE				1	1						PROVISIONAL SPACE	20				
21	PROVISIONAL SPACE				1	1						PROVISIONAL SPACE	22				
23	PROVISIONAL SPACE				1	1						PROVISIONAL SPACE	24				
25	PROVISIONAL SPACE				1	1						PROVISIONAL SPACE	26				
27	PROVISIONAL SPACE				1	1						PROVISIONAL SPACE	28				
29	PROVISIONAL SPACE				1	1						PROVISIONAL SPACE	30				
SUBTOTAL		401	260	1,080						2,911	4,237	2,250	SUBTOTAL				
TOTAL PHASE A - VA		3,312	LOAD		CONN. VA		DF	LOAD		CONN. VA		DF					
AMPS		28	COOLING		4,898		1.00	REFRIG		1.00							
TOTAL PHASE B - VA		4,497	HEATING		0			SIGN/DISP		1.25							
AMPS		37	LIGHTING		121		1.25	KITCHEN		1.00							
TOTAL PHASE C - VA		3,330	RECEPTACLES		1,620		1.0/5	EXISTING		1.00							
AMPS		28	MOTORS		1.00			LRG MOTOR		1.25							
TOTAL PN.LBD - VA		11,139	SUPP HEAT		4,500		1.00	SHOW WNDW		1.25							
AMPS		31	MISC EQUIP		1.00			LTG TRACK		1.00							
													11,169 VA				
													31 A				
PANELBOARD NOTES																	

PANELBOARD: HLP (NEW)										FED FROM: PNL 'HHP' VIA XFMR				LINE-SIDE LUGS: MECHANICAL			
BUS AMPS: 225A					A/C RATING: 10000 FULLY RATED					EQUIPMENT GROUND BUS							
MAIN SIZE/TYPE: 225A MCB					SERVES: LOT 4												
VOLTS/PHASE: 208Y/120V, 3PH, 4W					MOUNTING: SURFACE												
SECTION: 1					LOCATION: ELEC SERVICE RM 102												
CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.				
		A	B	C					A	B	C						
1	LTG - SPKLR RISER RM 107.3	442			12	20	1	1	20	12	1,800		RCPT - TELECOM SERVICE EQ	2			
3	RCPT - HOUSE PANEL RCPT		360		12	20	1	1	20				SPARE	4			
5	SPARE					20	1	1	20				SPARE	6			
7	SPARE					20	1	1	20				SPARE	8			
9	SPARE					20	1				1,241			10			
11	SPARE					20	1	3	20	6		1,241		PWR - GARAGE DOOR 1	12		
13	SPARE					20	1				1,241				14		
15			1,241								1,241				16		
17	PWR - GARAGE DOOR 3			1,241	6	20	3	3	20	6		1,241		PWR - GARAGE DOOR 2	18		
19			1,241								1,241				20		
21	PWR - UH-1 (1) (HACR)		653		VD	15	1	1	15	VD		653		PWR - UH-1 (14) (HACR)	22		
23	PWR - UH-1 (2) (HACR)			653	VD	15	1	1	15	VD		653		PWR - UH-1 (15) (HACR)	24		
25	PWR - UH-1 (3) (HACR)		653		VD	15	1	1	15	VD	653			PWR - UH-1 (16) (HACR)	26		
27	PWR - UH-1 (4) (HACR)			653	VD	15	1	1	15	VD		653		PWR - UH-1 (17) (HACR)	28		
29	PWR - UH-1 (5) (HACR)				VD	15	1	1	15	VD			653	PWR - UH-1 (18) (HACR)	30		
31	PWR - UH-1 (6) (HACR)		653		VD	15	1	1	15	VD	653			PWR - UH-1 (19) (HACR)	32		
33	PWR - UH-1 (7) (HACR)			653	VD	15	1	1	15	VD		653		PWR - UH-1 (20) (HACR)	34		
35	PWR - UH-1 (8) (HACR)			653	VD	15	1	1	15	VD			653	PWR - UH-1 (21) (HACR)	36		
37	PWR - UH-1 (9) (HACR)		653		VD	15	1	1	15	VD	653			PWR - UH-1 (22) (HACR)	38		
39	PWR - UH-1 (10) (HACR)			653	VD	15	1	1	15	VD		653		PWR - UH-1 (23) (HACR)	40		
41	PWR - UH-1 (11) (HACR)			653	VD	15	1	1	15	VD			653	PWR - UH-1 (24) (HACR)	42		
43	PWR - UH-1 (12) (HACR)			653	VD	15	1	1	15	VD	653			PWR - UH-1 (25) (HACR)	44		
45	PWR - UH-1 (13) (HACR)			653	VD	15	1	1	15	VD		653		PWR - UH-1 (26) (HACR)	46		
47	PROVISIONAL SPACE													PROVISIONAL SPACE	48		
49	PROVISIONAL SPACE													PROVISIONAL SPACE	50		
51	PROVISIONAL SPACE													PROVISIONAL SPACE	52		
53	PROVISIONAL SPACE													PROVISIONAL SPACE	54		
SUBTOTAL		4,295	4,866	3,853							6,894	5,747	5,094	SUBTOTAL			
TOTAL PHASE A - VA		11,189		LOAD	CONN. VA		DF	LOAD	CONN. VA		DF						
AMPS		93		COOLING	1.00			REFRIG	1.00								
TOTAL PHASE B - VA		10,613		HEATING	0			SIGN/DISP	1.25								
AMPS		88		LIGHTING	82		1.25	KITCHEN	1.00								
TOTAL PHASE C - VA		8,947		RECEPTACLES	720		1.05	EXISTING	1.00								
AMPS		75		MOTORS	28,147		1.00	LBS MOTOR	1.25			TOTAL DEMAND					
TOTAL PNLBD - VA		30,749		SUPP HEAT	1.00			SHOW/WDNW	1.25			30,770 VA					
AMPS		85		MISC EQUIP	1,800		1.00	LTG TRACK	1.00			85 A					
PANELBOARD NOTES																	
VD = CONSULT VOLTAGE DROP CRITERIA																	