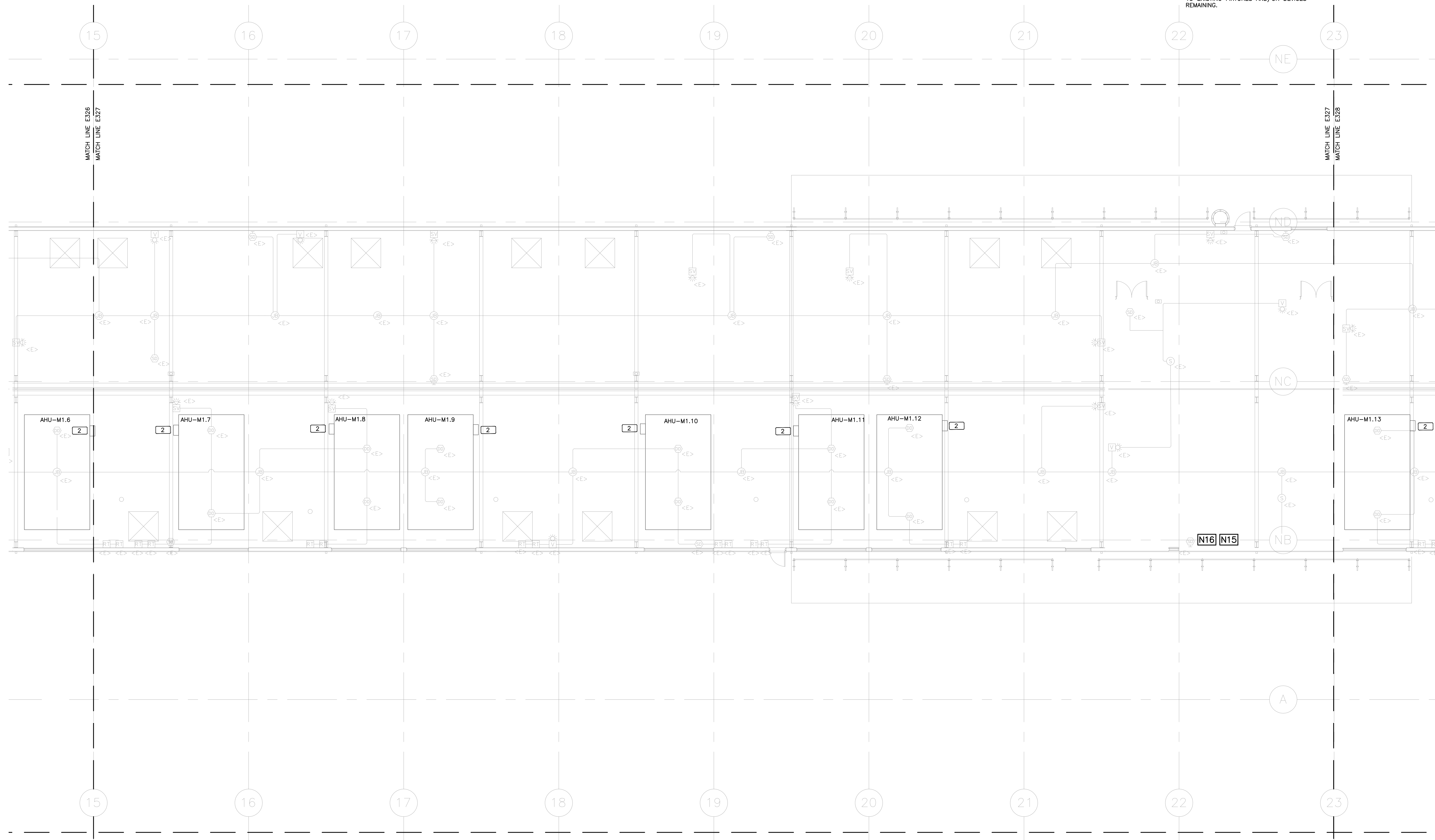


**SYSTEMS PLAN NOTES**

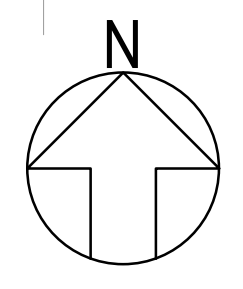
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1 PARTIAL FLOOR PLAN - PENTHOUSE LEVEL - SYSTEMS  
SCALE: 1/8"=1'-0"

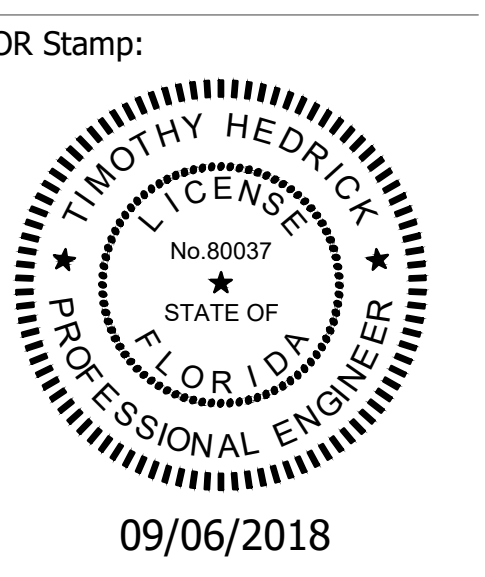


E606	E607	E608	E609
E626	E627	E628	E629
E646	E647	E648	E649
E650			

KEY PLAN



Consultants:



Project:  
**Orange County Convention Center NS Smoke Control Design Phase**

Location:  
9400 Universal Blvd, Orlando FL 32819

Issuance:  
**BID/PERMIT DOCUMENTS**

Revisions:

#	Date	Description
04	04.16.18	
09	09.06.18	PERMIT & OWNER COMMENTS

Date:  
05.21.2017

Project Number:  
17.OCCC.019

Drawn By: ME  
Checked By: DL

**PARTIAL FLOOR PLAN - PENTHOUSE LEVEL - SYSTEMS**

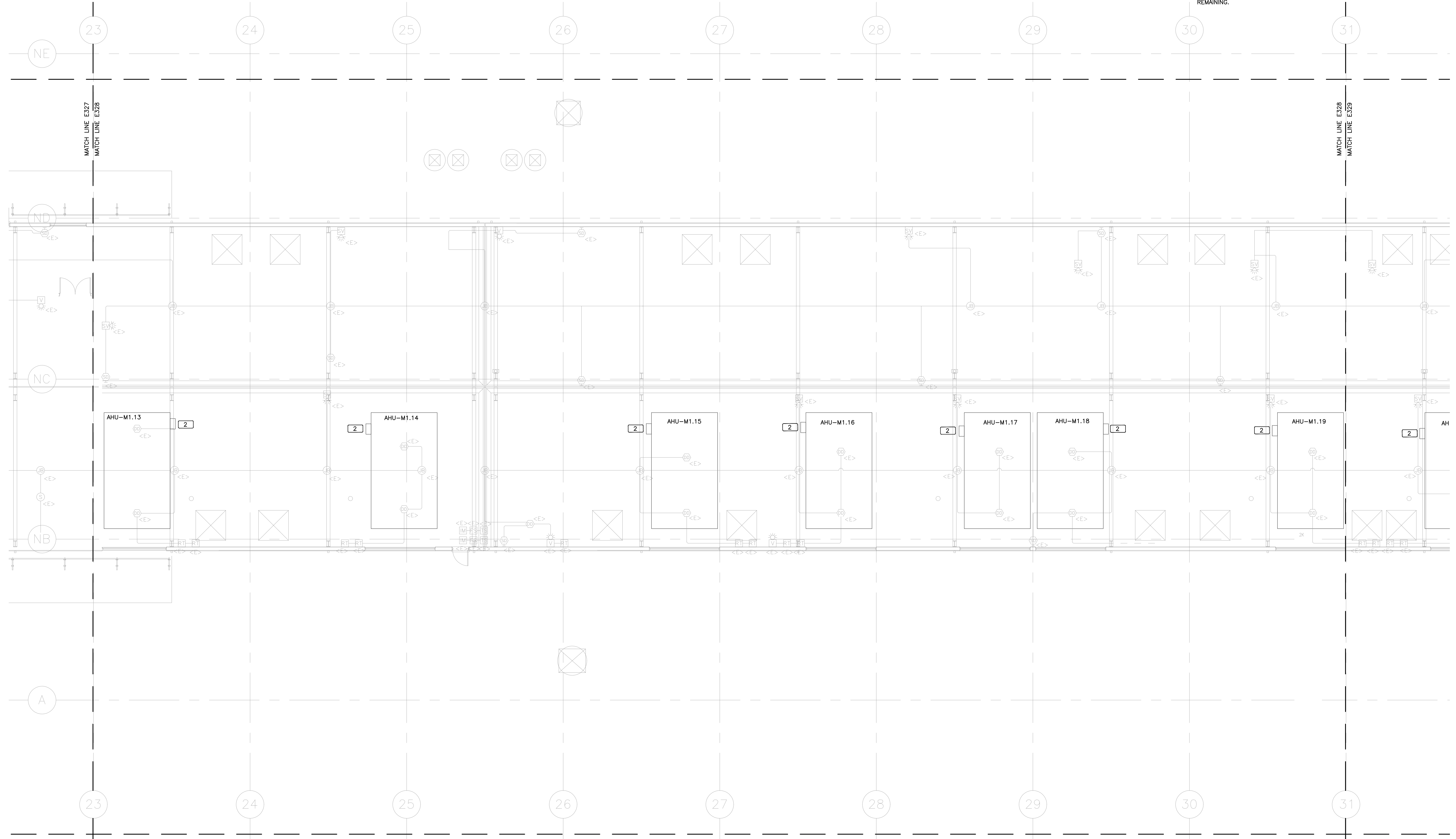
Sheet No.:  
**E627**

**SYSTEMS PLAN NOTES**

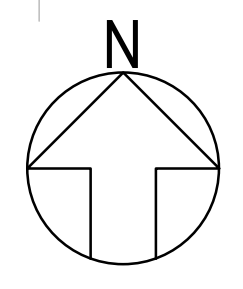
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1 PARTIAL FLOOR PLAN - PENTHOUSE LEVEL - SYSTEMS  
SCALE: 1/8"=1'-0"



KEY PLAN

E606	E607	E608	E609
E626	E627	E628	E629
E646	E647	E648	E649
E650			



Consultants:



EOR Stamp:



Project:  
**Orange County Convention Center NS Smoke Control Design Phase**

Location:  
9400 Universal Blvd, Orlando FL 32819

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Project Number:  
17.OCCC.019

Drawn By: ME  
Checked By: DL

**PARTIAL FLOOR PLAN - PENTHOUSE LEVEL - SYSTEMS**

Sheet No.:  
**E628**

**SYSTEMS PLAN NOTES**

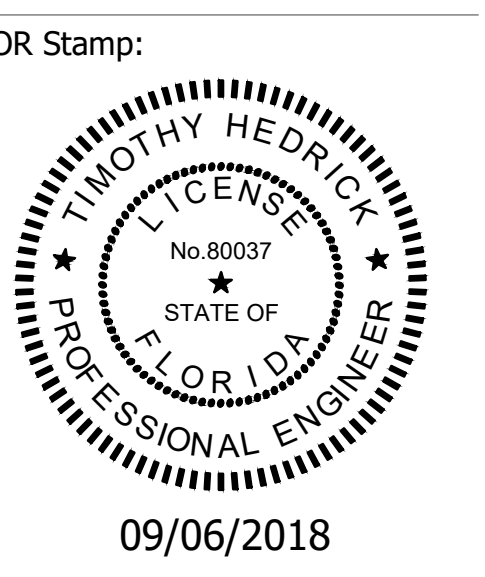
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Client:  
Consultants:



Project:  
**Orange County Convention Center NS Smoke Control Design Phase**

Location:  
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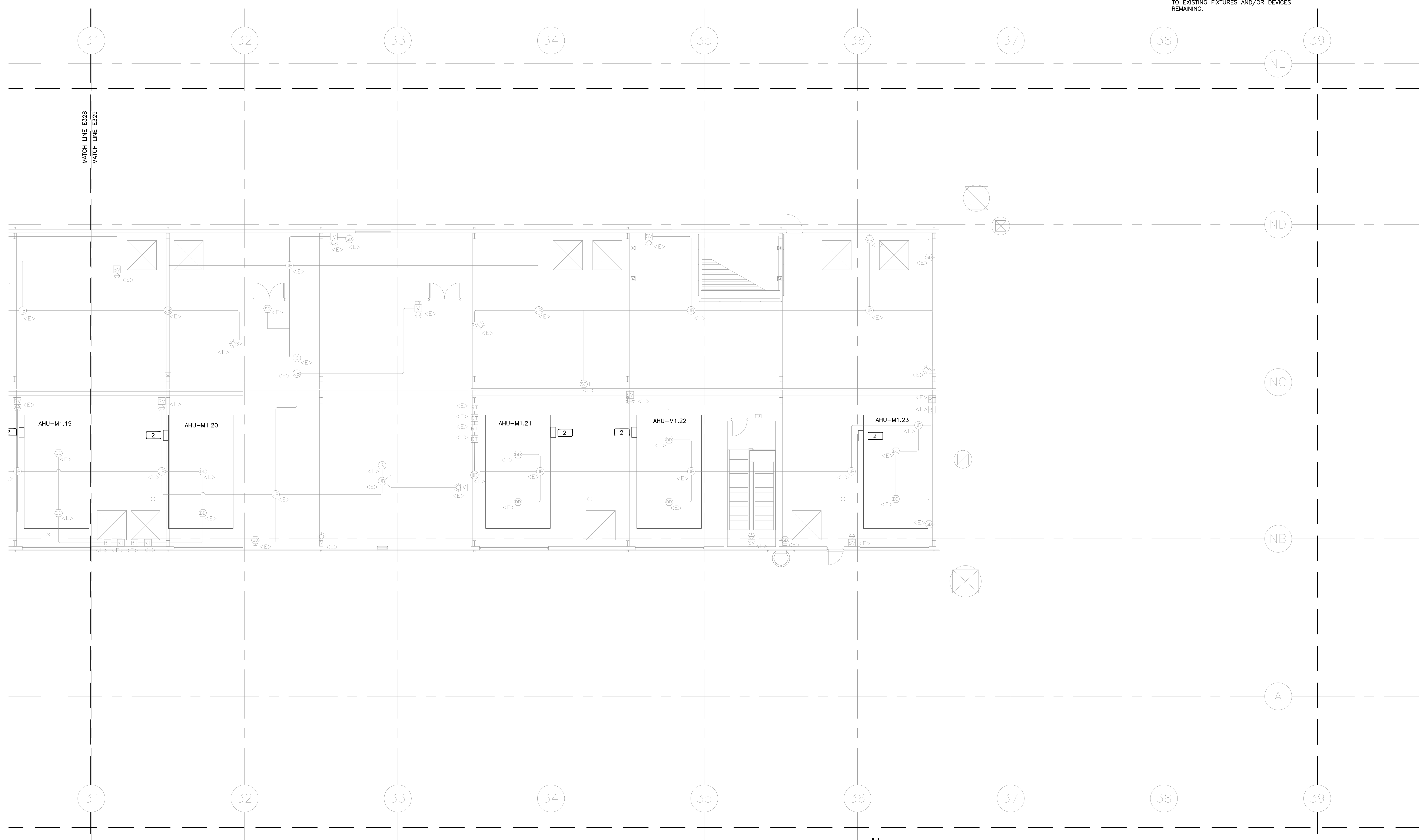
Project Number:  
17.OCCC.019

Drawn By: ME  
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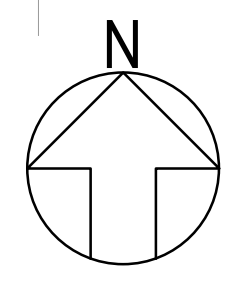
**PARTIAL FLOOR PLAN - PENTHOUSE LEVEL - SYSTEMS**

Sheet No.:

**E629**



1 PARTIAL FLOOR PLAN - PENTHOUSE LEVEL - SYSTEMS  
SCALE: 1/8"=1'-0"



KEY PLAN

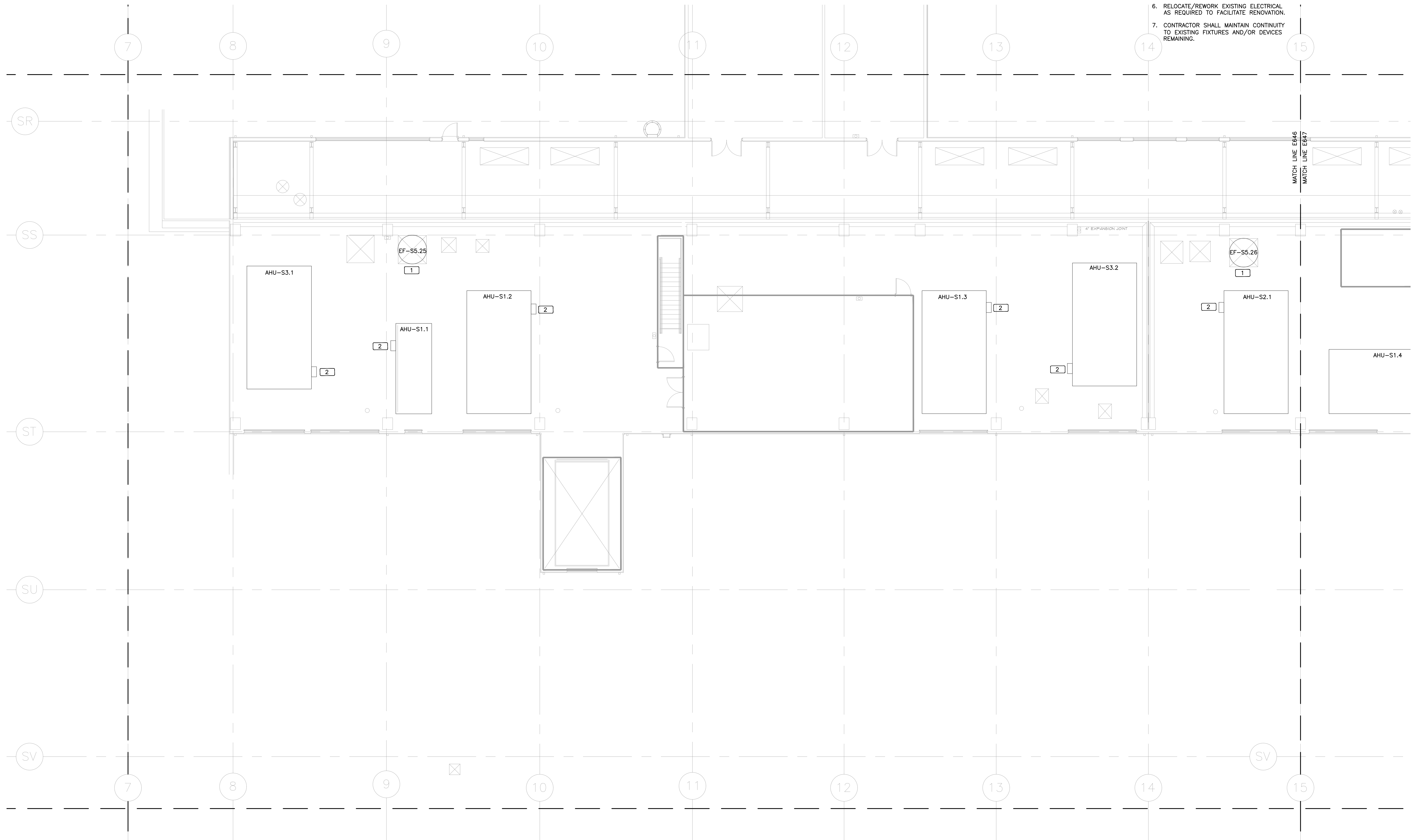
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E626	E627	E628	E629
E646	E647	E648	E649
E650			

**SYSTEMS PLAN NOTES**

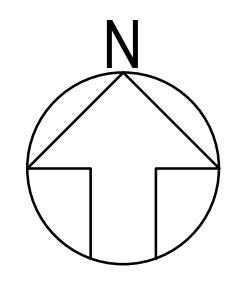
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SCALE: 1/8"=1'-0"

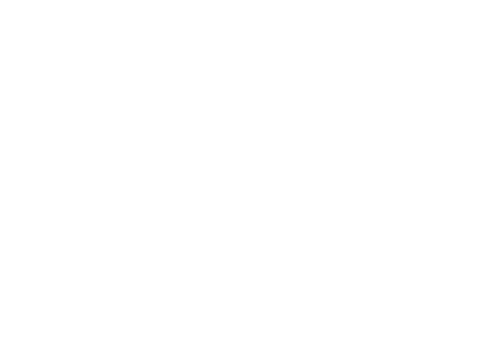


E606	E607	E608	E609
E626	E627	E628	E629
E647	E648	E649	E650

KEY PLAN

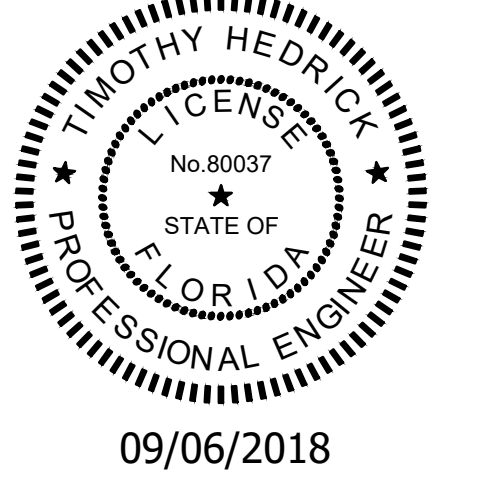


Client:



Consultants:

EOR Stamp:



Project:  
**Orange County Convention Center NS Smoke Control Design Phase**

Location:  
9400 Universal Blvd, Orlando FL 32819

Issuance:  
**BID/PERMIT DOCUMENTS**

Revisions:

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05.21.2017

Project Number:  
17.OCCC.019

Drawn By: ME  
Checked By: DL

**PARTIAL FLOOR PLAN - PENTHOUSE LEVEL - SYSTEMS**

Sheet No.:  
**E646**

**SYSTEMS PLAN NOTES**

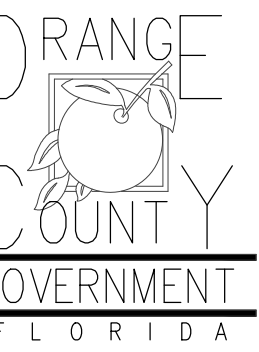
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Consultants:

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Project:

**Orange County Convention Center  
NS Smoke Control  
Design Phase**

Location:

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FL 32819

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17.OCCC.019

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ME

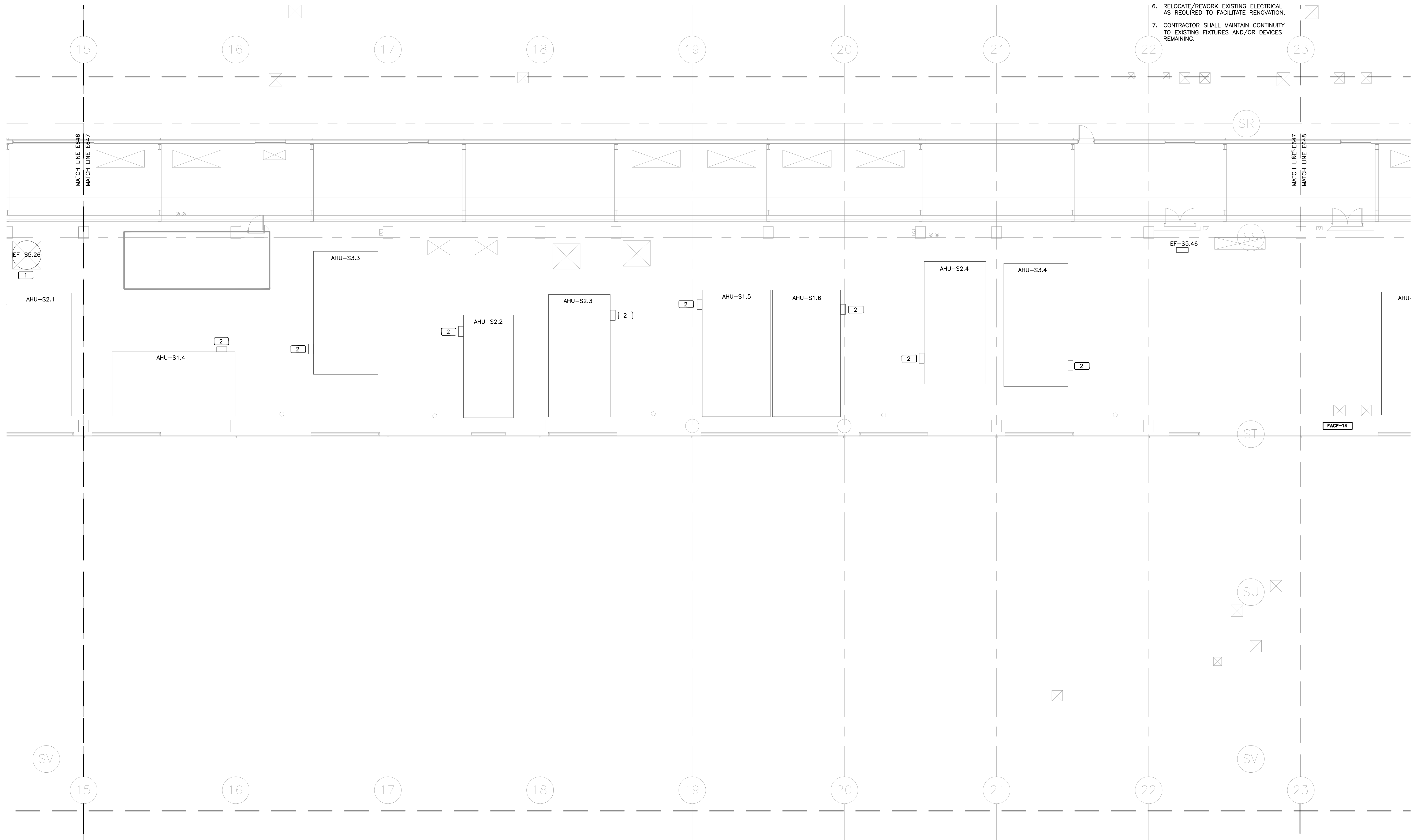
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DL

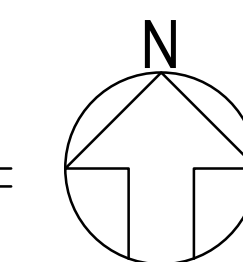
**PARTIAL FLOOR  
PLAN -  
PENTHOUSE  
LEVEL - SYSTEMS**

Sheet No.:

**E647**



**1 PARTIAL FLOOR PLAN - PENTHOUSE LEVEL - SYSTEMS**  
SCALE: 1/8"=1'-0"



KEY PLAN

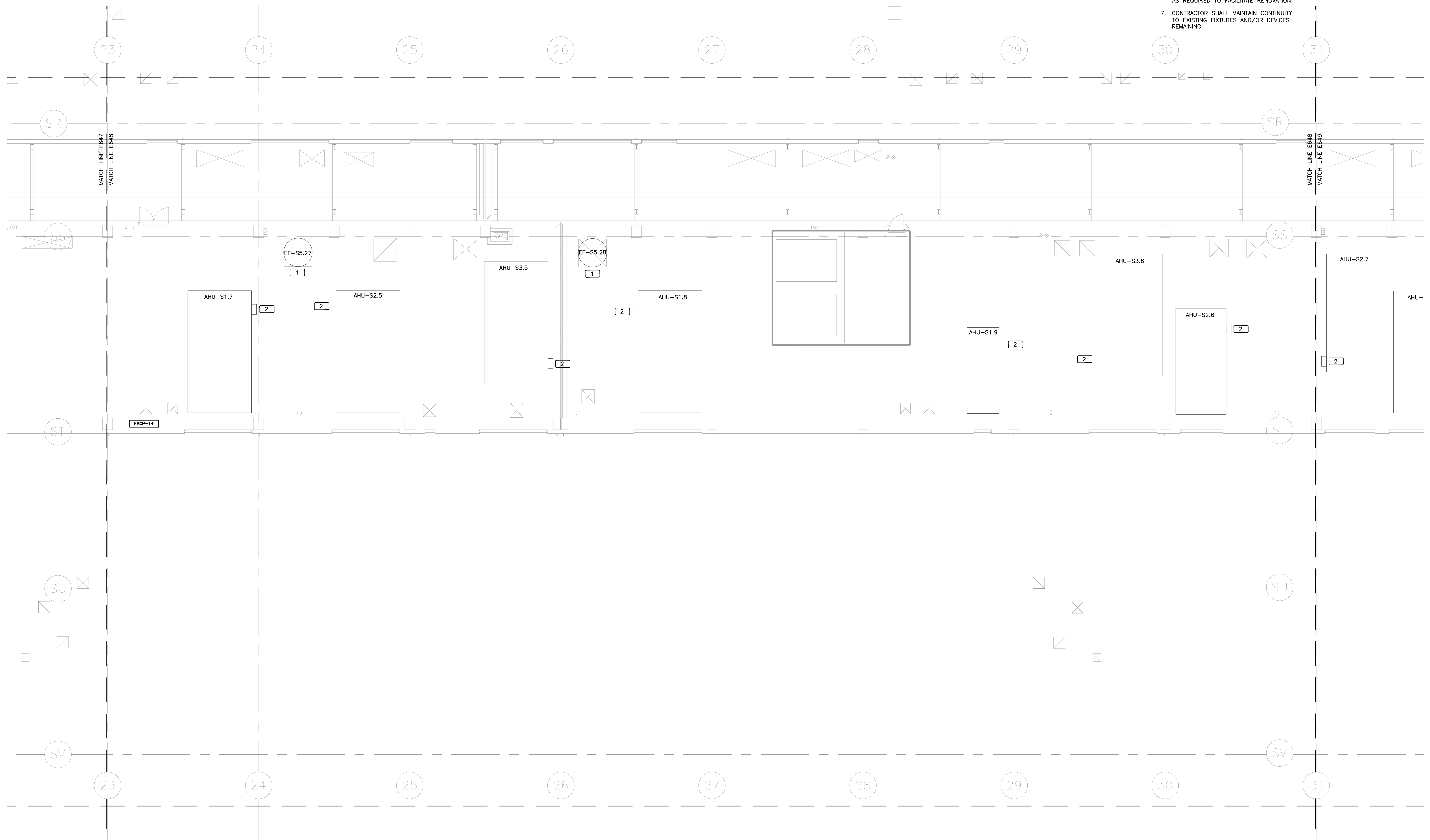
E606	E607	E608	E609
E626	E627	E628	E629
E646	E647	E648	E649
E650			

**SYSTEMS PLAN NOTES**

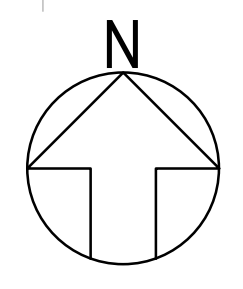
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SCALE: 1/8"=1'-0"



E606	E607	E608	E609
E626	E627	E628	E629
E646	E647	E649	E650

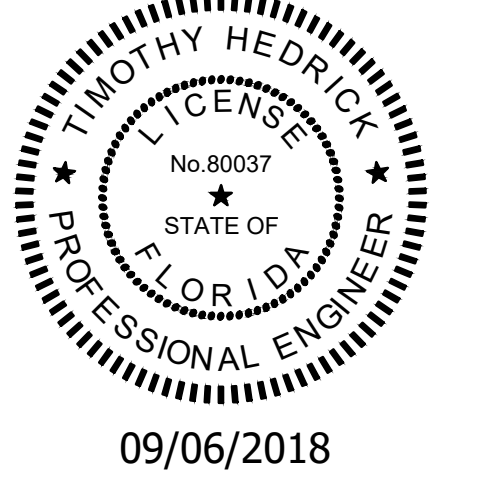
KEY PLAN



Consultants:



EOR Stamp:



Project:  
**Orange County Convention Center  
NS Smoke Control  
Design Phase**

Location:  
9400 Universal Blvd, Orlando  
FL 32819

Issuance:  
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17.OCCC.019

Drawn By: ME  
Checked By: DL

**PARTIAL FLOOR  
PLAN -  
PENTHOUSE  
LEVEL - SYSTEMS**

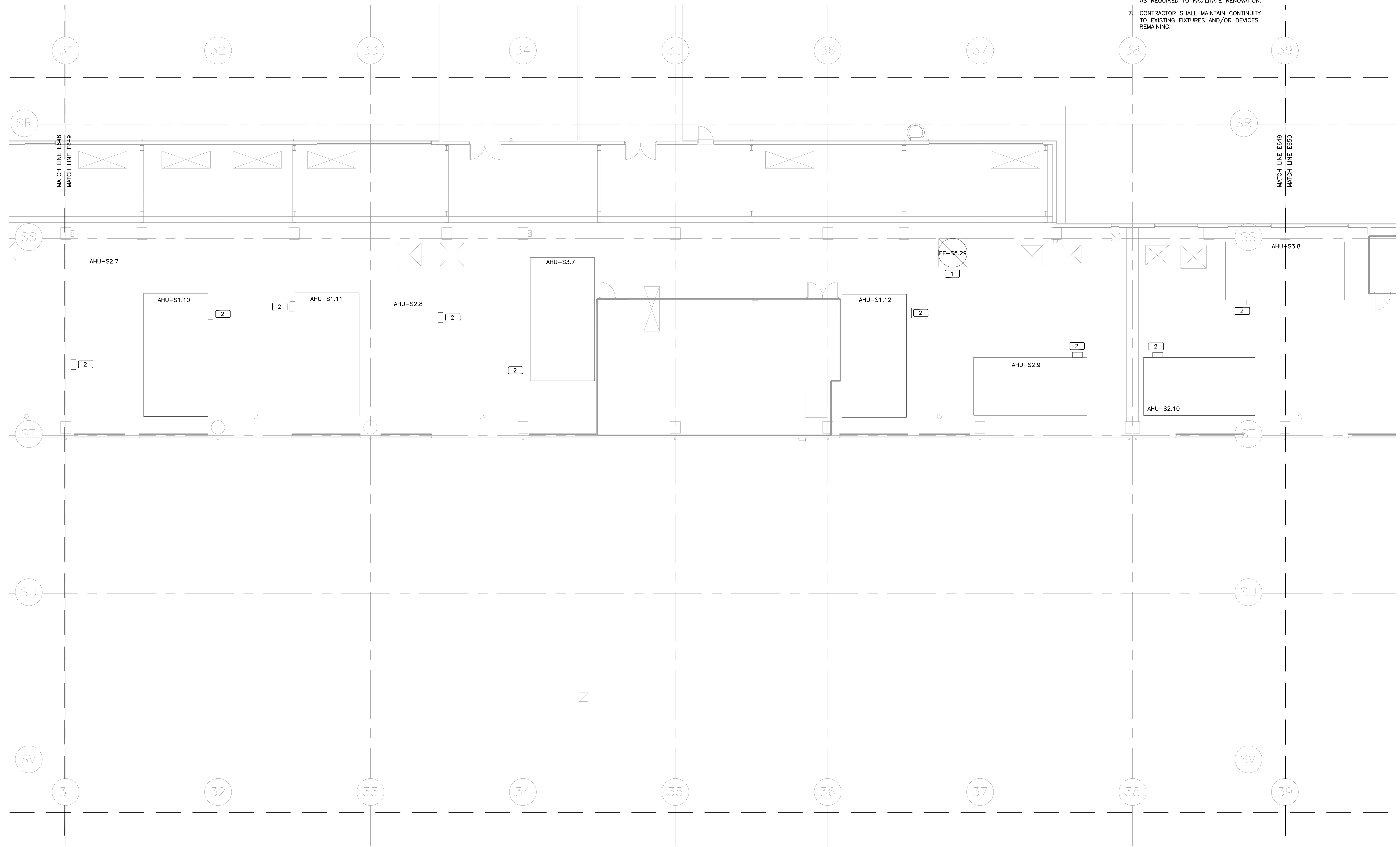
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**SYSTEMS PLAN NOTES**

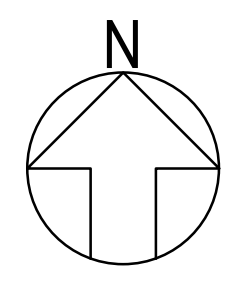
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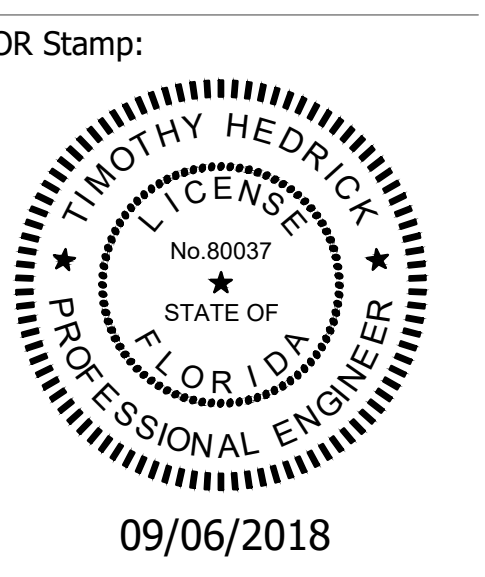
E606	E607	E608	E609
E626	E627	E628	E629
E646	E647	E648	E649

KEY PLAN



Client:  
ORANGE COUNTY GOVERNMENT FLORIDA

Consultants:



Project:  
Orange County Convention Center  
NS Smoke Control Design Phase

Location:  
9400 Universal Blvd, Orlando  
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PARTIAL FLOOR PLAN - PENTHOUSE LEVEL - SYSTEMS

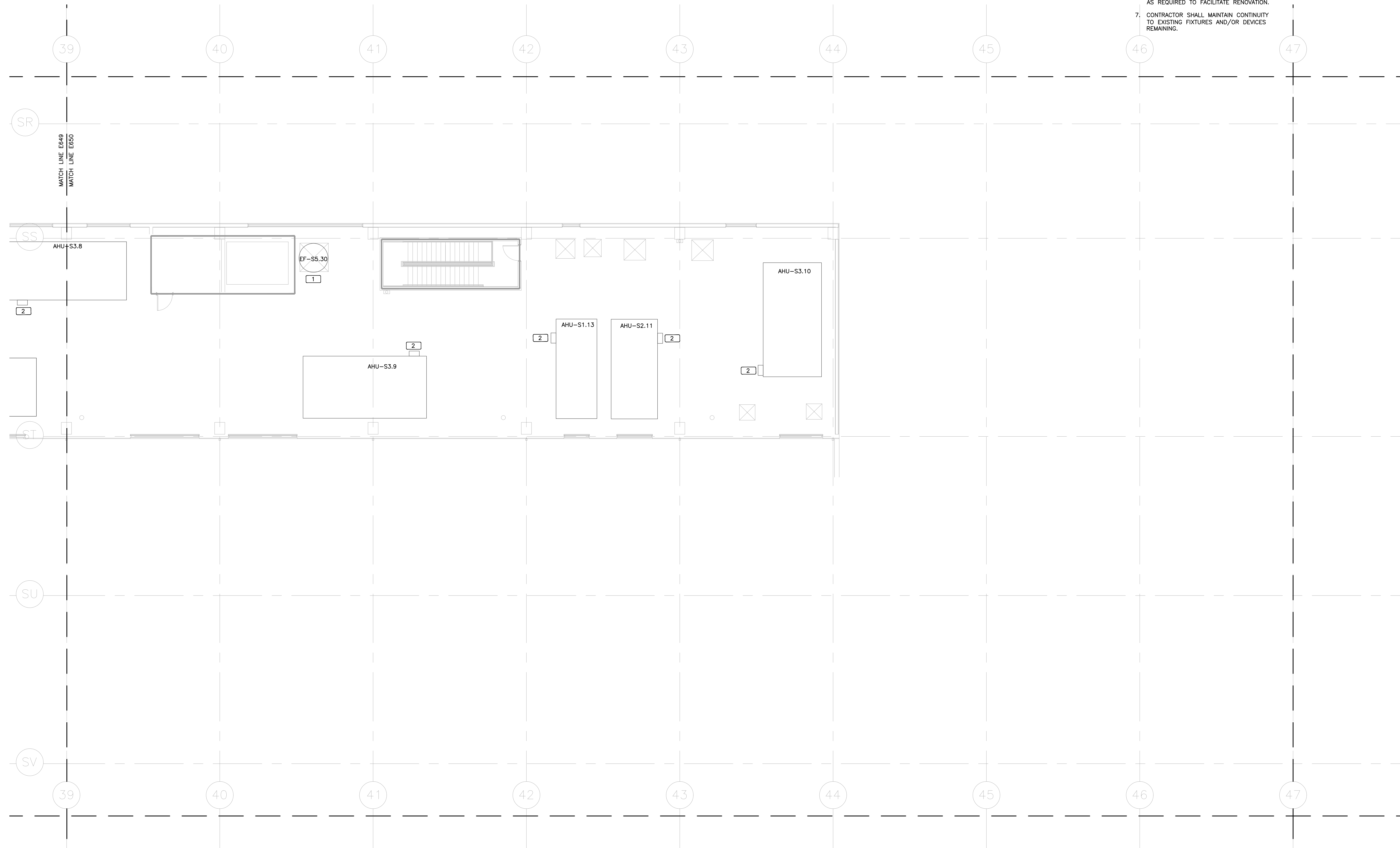
Sheet No.:  
**E649**

**SYSTEMS PLAN NOTES**

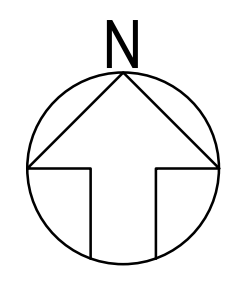
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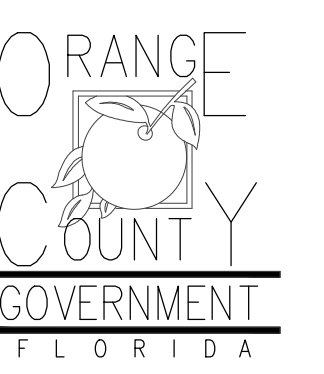


E606	E607	E608	E609
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KEY PLAN

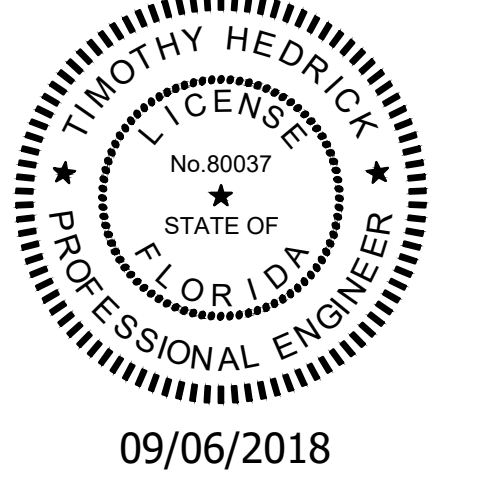


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Consultants:

EOR Stamp:



Project:

Orange County Convention Center  
NS Smoke Control Design Phase

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Drawn By:

ME

Checked By:

DL

PARTIAL FLOOR PLAN - PENTHOUSE LEVEL - SYSTEMS

Sheet No.:

E650



EXISTING PANEL 1YELA																			
UPDATED: 2/12/2018 2:35 pm ISSUED FOR: APPROVAL LOCATION: ELEC RM VOLTAGE: 120V/208V TRIM: SURFACE MAIN: 150A MCB SYSTEM: 3#, 4W BUS RATING: 200A CONN. LOAD: 36.9 KVA FEED: TOP GROUND BUS: YES COPPER																			
CKT	LOAD SERVED	COND	PHASE	NEUT	GND	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	GND	LOAD SERVED	CKT	
1	EXISTING LOAD					20/1	N	1500			N	20/1	1*	#6	#6	#6	NATRUM - AUTO DOOR CONTROLLER	2	
3	EXISTING LOAD					20/1	N	1500			N	20/1	1*	#6	#6	#6	N. ATRUM- PS PANIC HRDWARE	4	
5	EXISTING LOAD					20/1	N	1500			N	20/1	1*	#6	#6	#6	N. ATRUM- PS PANIC HRDWARE	6	
7	EXISTING LOAD					20/1	N	1500									SPACE	8	
9	EXISTING LOAD					20/1	N	1500									SPACE	10	
11	EXISTING LOAD					20/1	N	1500									SPACE	12	
13	EXISTING LOAD					20/1	N	1500									SPACE	14	
15	EXISTING LOAD					20/1	N	1500									SPACE	16	
17	EXISTING LOAD					20/1	N	1500									SPACE	18	
19	EXISTING LOAD					20/1	N	1500									SPACE	20	
21	EXISTING LOAD					20/1	N	1500									SPACE	22	
23	EXISTING LOAD					20/1	N	1500									SPACE	24	
25	EXISTING LOAD					20/1	N	1500									SPACE	26	
27	EXISTING LOAD					20/1	N	1500									SPACE	28	
29	EXISTING LOAD					20/1	N	1500									SPACE	30	
31	EXISTING LOAD					20/1	N	1500									SPACE	32	
33	EXISTING LOAD					20/1	N	1500									SPACE	34	
35	EXISTING LOAD					20/1	N	1500									SPACE	36	
37	EXISTING LOAD					20/1	N	1500									SPACE	38	
39	EXISTING LOAD					20/1	N	1500									SPACE	40	
41	EXISTING LOAD					20/1	N	1500									SPACE	42	
INTERRUPT RATING:		12300						12300						12300					
LOADS (IN VA )		CONNECTED	DEMAND FACTOR	MINIMUM FEEDER	LOADS		CONNECTED	DEMAND FACTOR	MINIMUM FEEDER	REMAINING CONTINUOUS LOADS		0		1.25	0				
LIGHTING		0	1.25	0	NON-SEASONAL MOTORS		0	1.0	0	REMAINING NON-CONTINUOUS LOADS		36900	1.0	36900					
RECEPTS TO 10 KVA		0	1.0	0	LARGEST MOTOR		0	0.25	0	DEMAND LOADS		0		1.0	0				
RECEPTS REMAINING		0	0.5	0	WATER HEATING		0	1.0	0	TOTAL CONNECTED LOAD		36.9	KVA	102.9	AMPS				
SPACE HEATING		0	0.0	0	KITCHEN EQUIP.		0	1.0	0	MIN. FEEDER/PANEL CAP.		36.9	KVA	102.9	AMPS				
AIR CONDITIONING		0	1.0	0							OVERALL DEMAND FACTOR		1.00						

PANEL 1JELA																			
UPDATED: 2/12/2018 2:12 pm ISSUED FOR: APPROVAL LOCATION: ELEC RM VOLTAGE: 120V/208V TRIM: SURFACE MAIN: 100A MLO SYSTEM: 3#, 4W BUS RATING: 100A CONN. LOAD: 22.2 KVA FEED: TOP GROUND BUS: YES COPPER																			
CKT	LOAD SERVED	COND	PHASE	NEUT	GND	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	GND	LOAD SERVED	CKT	
1	SPACE																	2	
3	EXISTING LOAD					20/1	N	1500			N	20/1						4	
5	SPACE																	6	
7	EXISTING LOAD					20/1	N	1500			N	20/1						8	
9	EXISTING LOAD					20/1	N	1500			N	20/1						10	
11	EXISTING LOAD					20/1	N	1500			N	20/1						12	
13	SPACE																	14	
15	SPACE																	16	
17	SPACE																	18	
19	SPACE																	20	
21	SPACE																	22	
23	S. ATRUM - PS PANIC HRDWARE	1*	#6	#6	#6	20/1	N				1800							24	
25	S. ATRUM - PS PANIC HRDWARE	1*	#6	#6	#6	20/1	N				1800							26	
27	S.ATRUM - AUTO DOOR CONTROLLER	1*	#6	#6	#6	20/1	N				1800							28	
29	S.ATRUM - AUTO DOOR CONTROLLER	1*	#6	#6	#6	20/1	N				1800							30	
INTERRUPT RATING:		6300						9300						6600					
LOADS (IN VA )		CONNECTED	DEMAND FACTOR	MINIMUM FEEDER	LOADS		CONNECTED	DEMAND FACTOR	MINIMUM FEEDER	REMAINING CONTINUOUS LOADS		0		1.25	0				
LIGHTING		0	1.25	0	NON-SEASONAL MOTORS		0	1.0	0	REMAINING NON-CONTINUOUS LOADS		22200	1.0	22200					
RECEPTS TO 10 KVA		0	1.0	0	LARGEST MOTOR		0	0.25	0	DEMAND LOADS		0		1.0	0				
RECEPTS REMAINING		0	0.5	0	WATER HEATING		0	1.0	0	TOTAL CONNECTED LOAD		22.2	KVA	61.7	AMPS				
SPACE HEATING		0	0.0	0	KITCHEN EQUIP.		0	1.0	0	MIN. FEEDER/PANEL CAP.		22.2	KVA	61.7	AMPS				
AIR CONDITIONING		0	1.0	0							OVERALL DEMAND FACTOR		1.00						

EXISTING PANEL 1PELB																			
UPDATED: 9/27/2017 5:18 pm ISSUED FOR: APPROVAL LOCATION: ELEC RM VOLTAGE: 120V/208V TRIM: SURFACE MAIN: 150A MCB SYSTEM: 3#, 4W BUS RATING: 200A CONN. LOAD: 39.6 KVA FEED: TOP GROUND BUS: YES COPPER																			
CKT	LOAD SERVED	COND	PHASE	NEUT	GND	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	GND	LOAD SERVED	CKT	
1	EXISTING LOAD					20/1	N	1200			N	20/1						2	
3	EXISTING LOAD					20/1	N	1200			N	20/1						4	
5	EXISTING LOAD					20/1	N	1200			N	20/1						6	
7	EXISTING LOAD					20/1	N	1500			N	20/1						8	
9	EXISTING LOAD					20/1	N	1500			N	20/1						10	
11	EXISTING LOAD					20/1	N	1500			N	20/1						12	
13	EXISTING LOAD					20/1	N	1500			N	20/1						14	
15	EXISTING LOAD					20/1	N	1500			N	20/1						16	
17	EXISTING LOAD					20/1	N	1500			N	20/1						18	
19	EXISTING LOAD					20/1	N	1200			N	20/1						20	
21	EXISTING LOAD					20/1	N	1200			N	20/1						22	
23	EXISTING LOAD					20/1	N	1500			N	20/1						24	
25	EXISTING LOAD					20/1	N	1200			N	20/1						26	
27	EXISTING LOAD					20/1	N	1200			N	20/1						28	
29	EXISTING LOAD					20/1	N	1200										30	
31	EXISTING LOAD					20/1	N	1200										32	
33	NATRUM - AUTO DOOR CONTROLLER	1*	#6	#6	#6	20/1	N				1800							34	
35	N. ATRUM - PS PANIC HRDWARE	1*	#6	#6	#6	20/1	N				1800							36	
37	N. ATRUM - PS PANIC HRDWARE	1*	#6	#6	#6	20/1	N				1800							38	
39	SPACE																	40	
41	SPACE																	42	
INTERRUPT RATING:		13800						14400						11400					
LOADS (IN VA )		CONNECTED	DEMAND FACTOR	MINIMUM FEEDER	LOADS		CONNECTED	DEMAND FACTOR	MINIMUM FEEDER	REMAINING CONTINUOUS LOADS		0		1.25	0				
LIGHTING		0	1.25	0	NON-SEASONAL MOTORS		0	1.0	0	REMAINING NON-CONTINUOUS LOADS		39600	1.0	39600					
RECEPTS TO 10 KVA		0	1.0	0	LARGEST MOTOR		0	0.25	0	DEMAND LOADS		0		1.0	0				
RECEPTS REMAINING		0	0.5	0	WATER HEATING		0	1.0	0	TOTAL CONNECTED LOAD		39.6	KVA	110	AMPS				
SPACE HEATING		0	0.0	0	KITCHEN EQUIP.		0	1.0	0	MIN. FEEDER/PANEL CAP.		39.6	KVA	110	AMPS				
AIR CONDITIONING		0	1.0	0							OVERALL DEMAND FACTOR		1.00						

EXISTING PANEL 1AELA																			
UPDATED: 2/12/2018 2:28 pm ISSUED FOR: APPROVAL LOCATION: ELEC RM VOLTAGE: 120V/208V TRIM: SURFACE MAIN: 150A MCB SYSTEM: 3#, 4W BUS RATING: 200A CONN. LOAD: 43.4 KVA FEED: TOP GROUND BUS: YES COPPER																			
CKT	LOAD SERVED	COND	PHASE	NEUT	GND	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	GND	LOAD SERVED	CKT	
1	EXISTING LOAD	3/4"	#12	#12	#12	20/1	N	1200										2	
3	SPACE																	4	
5	EXISTING LOAD					20/1	N	1200			1200							6	
7	EXISTING LOAD					20/1	N	1200			1200							8	
9	EXISTING LOAD					20/1	N	1200			1200							10	
11	EXISTING LOAD					20/1	N	1200			1200							12	
13	EXISTING LOAD					20/1	N	1200			1200							14	
15	EXISTING LOAD					20/1	N	1200			1200							16	
17	EXISTING LOAD					20/1	N	1200			1200							18	
19	EXISTING LOAD					20/1	N	1200			1200							20	
21	EXISTING LOAD					20/1	N	1200			1200							22	
23	EXISTING LOAD					20/1	N	1200			1200							24	
25	MOTOR DOOR 200-SP30					20/1	N	1800			1800							26	
27	EXISTING LOAD					20/1	N	1500			1500							28	
29	EXISTING LOAD					20/1	N	1200			1200							30	
31	EXISTING LOAD					20/1	N	1200										32	
33	EXISTING LOAD					20/1	N	1200										34	
35	EXISTING LOAD					20/1	N	1200										36	
37	EXISTING LOAD					20/1	N	1000			1000							38	
39	EXISTING LOAD					20/1	N	1000			1000							40	
41	S.ATRUM - AUTO DOOR CONTROLLER	1*	#6	#6	#6	20/1	N				1800							42	
INTERRUPT RATING:		14800						13000						15600					
LOADS (IN VA )		CONNECTED	DEMAND FACTOR	MINIMUM FEEDER	LOADS		CONNECTED	DEMAND FACTOR	MINIMUM FEEDER	REMAINING CONTINUOUS LOADS		0		1.25	0				
LIGHTING		0	1.25	0															

SOUTH TOWER

EXHIBIT HALL

NORTH TOWER

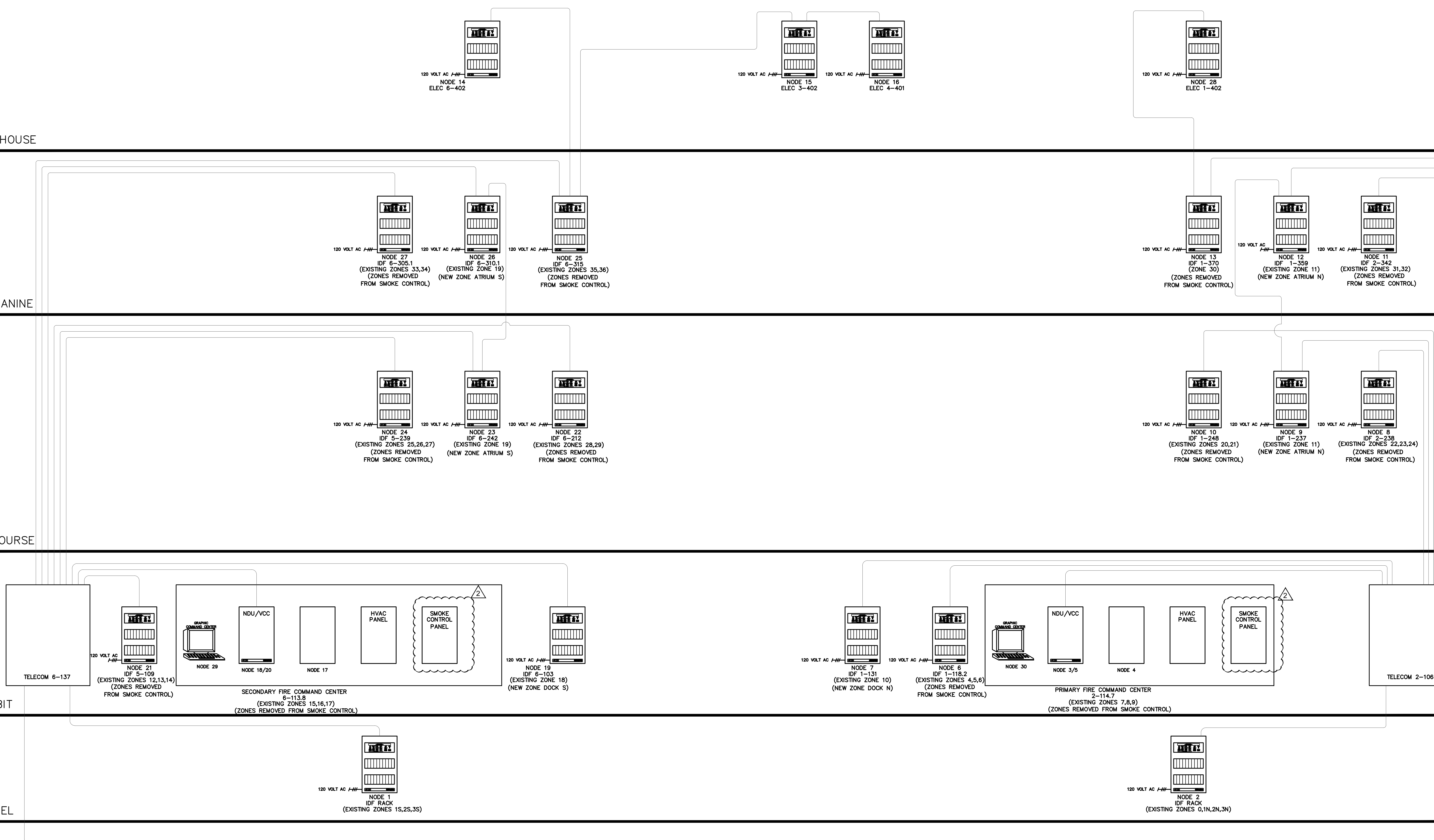
PENTHOUSE

MEZZANINE

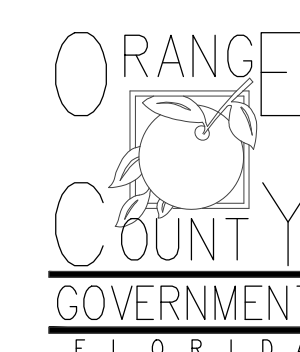
CONCOURSE

EXHIBIT

TUNNEL

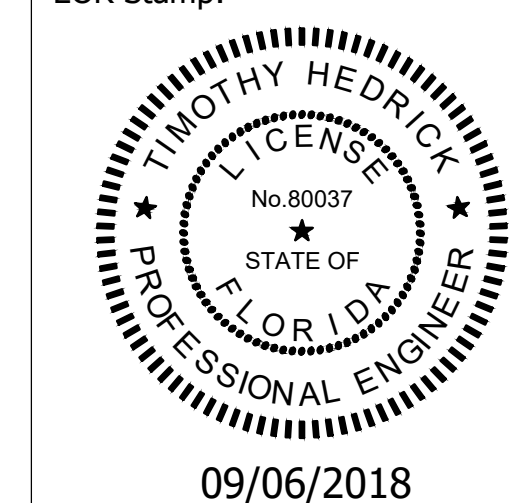


Client:



Consultants:

EOR Stamp:



09/06/2018

Project:

Orange County Convention Center  
NS Smoke Control Design Phase

Location:

9400 Universal Blvd, Orlando  
FL 32819

Issuance:

BID/PERMIT DOCUMENTS

Revisions:

#	Date	Description
Δ	04.16.18	
Δ	09.06.18	PERMIT & OWNER COMMENTS

Date:

05.21.2017

Project Number:

17.OCCC.019

Drawn By:

ME

Checked By:

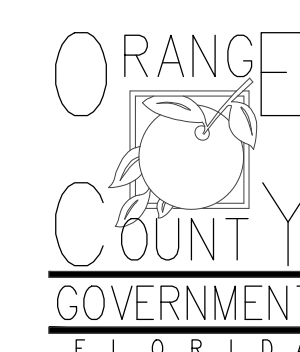
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FIRE ALARM RISER DIAGRAM

Sheet No.:

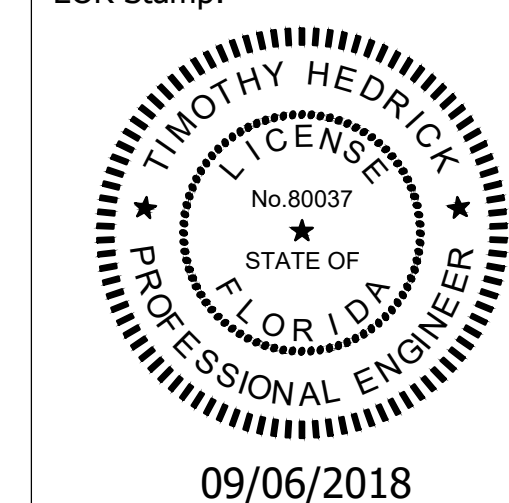
E801

Client:



Consultants:

EOR Stamp:



Project:

**Orange County  
Convention Center  
NS Smoke Control  
Design Phase**

Location:  
9400 Universal Blvd, Orlando  
FL 32819

Issuance:  
**BID/PERMIT  
DOCUMENTS**

Revisions:

#	Date	Description
Δ	04.16.18	
Δ	09.06.18	PERMIT & OWNER COMMENTS

Date:

05.21.2017

Project Number:

17.OCCC.019

Drawn By:

ME

Checked By:

DL

**ELECTRICAL  
DETAILS**

Sheet No.:

**E901**

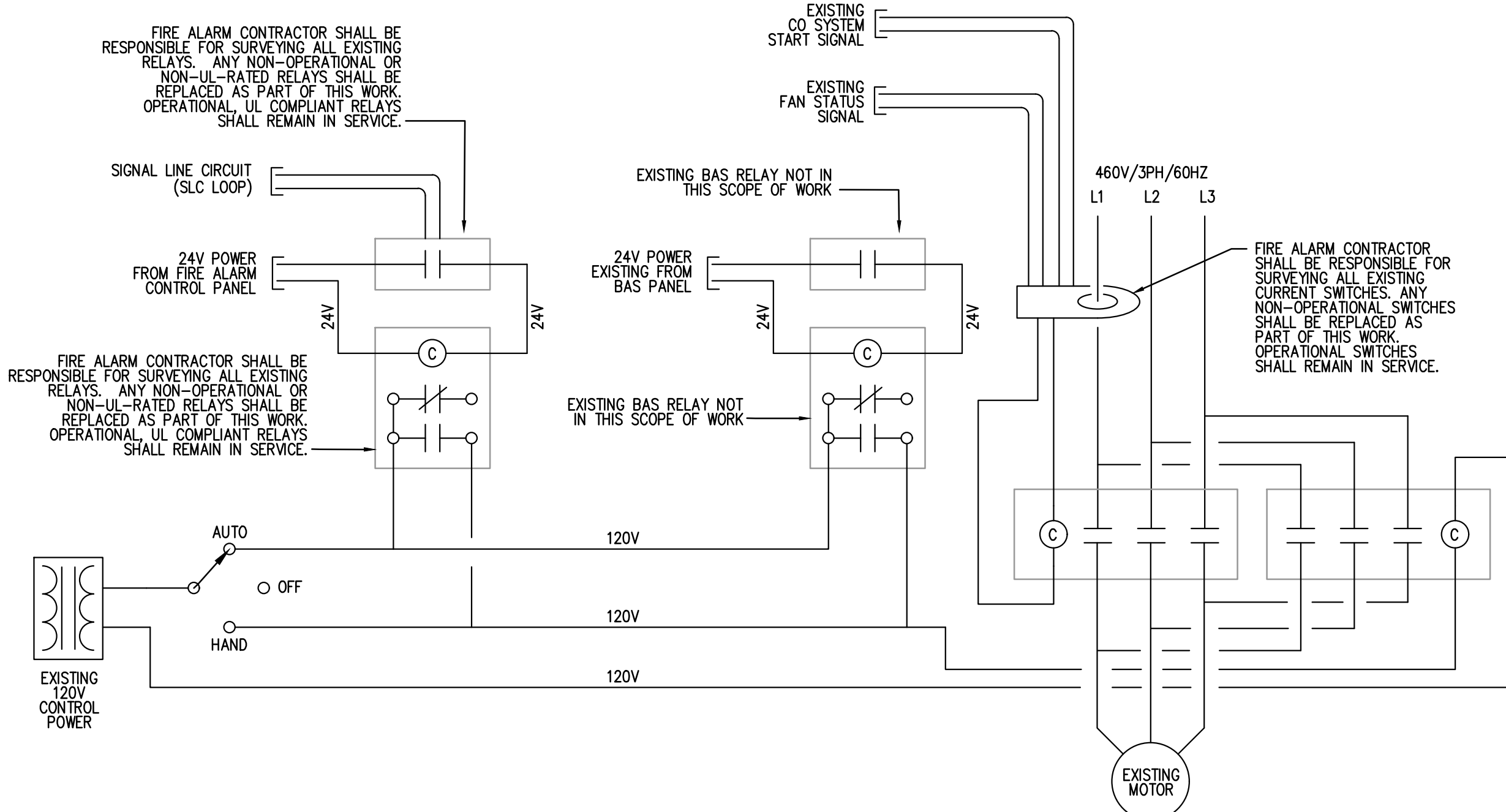
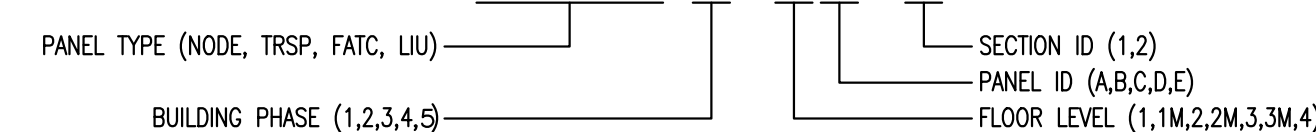
NOTES:

1. PROVIDE RED LAMINATE WITH WHITE LETTERS. COLOR SYSTEMS ARE TO REMAIN CONSISTENT THROUGHOUT OUT ENTIRE SYSTEM.
2. PROVIDE SIGN ON ENGRAVED LAMINATE SIGN WITH MINIMUM OF 1" LETTERS.
3. SIGN SHALL BE PERMANENTLY AFFIXED TO EACH FIRE ALARM PANEL DOOR.
4. ALL SIGNS SHALL BE SUBMITTED AND APPROVED BY ENGINEER PRIOR TO INSTALLATION.
5. INSERT CORRECT PANEL TYPE AND DESIGNATION PER ID SHOWN ON DRAWINGS.

**FA PANEL NAME PLATE**



**NODE 5-1A-1**



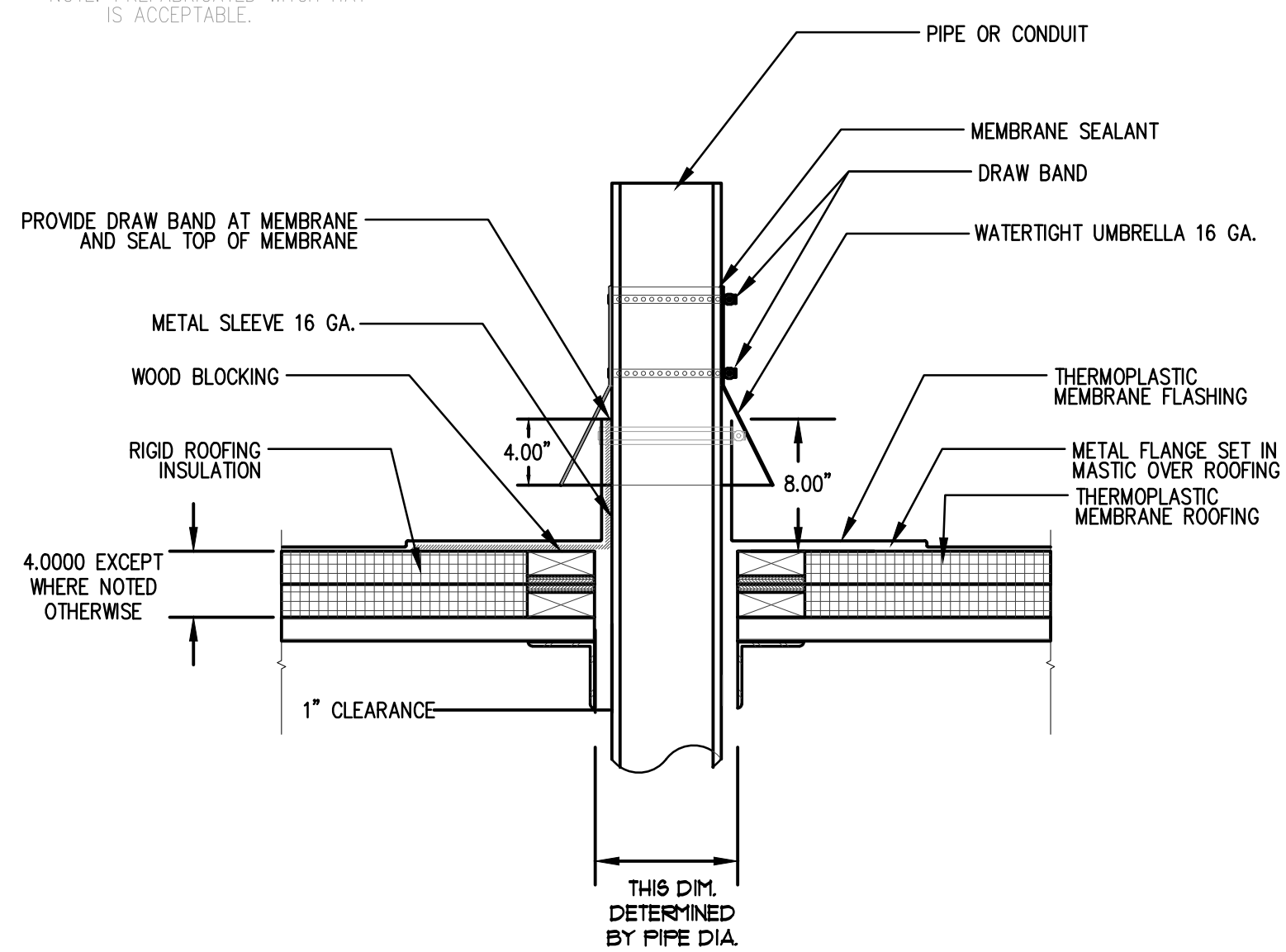
1. FIRE ALARM SYSTEM SHALL COMMAND/MONITOR THE FOLLOWING TRUCK DOCK EXHAUST FAN POINTS: START, STOP, FAN STATUS, AND READY (AUTO, NOT IN HAND/OFF POSITION)
2. INSTALL FIRE ALARM RELAYS IMMEDIATELY ADJACENT TO THE FAN STARTERS/DRIVES THEY SERVE.
3. TRUCK DOCK EXHAUST FANS PERFORM FUNCTIONS FOR BOTH CARBON MONOXIDE AND SMOKE CONTROL.
4. FIRE ALARM CONTRACTOR SHALL COORDINATE WITH THE BAS CONTRACTOR AND THEIR DRAWINGS PRIOR TO THE START OF WORK.
5. PROVIDE ANY AND ALL REQUIRED HARDWARE OR ADDITIONAL CT SWITCHES TO ALLOW FOR STATUS MONITORING TO THE FIRE ALARM SYSTEM.
6. PROVIDE ANY AND ALL REQUIRED HARDWARE TO ALLOW FOR FIRE ALARM CONNECTION TO HOA SWITCH.

**FIRE ALARM TRUCK DOCK EXHAUST FAN RELAY DETAIL**

N.T.S

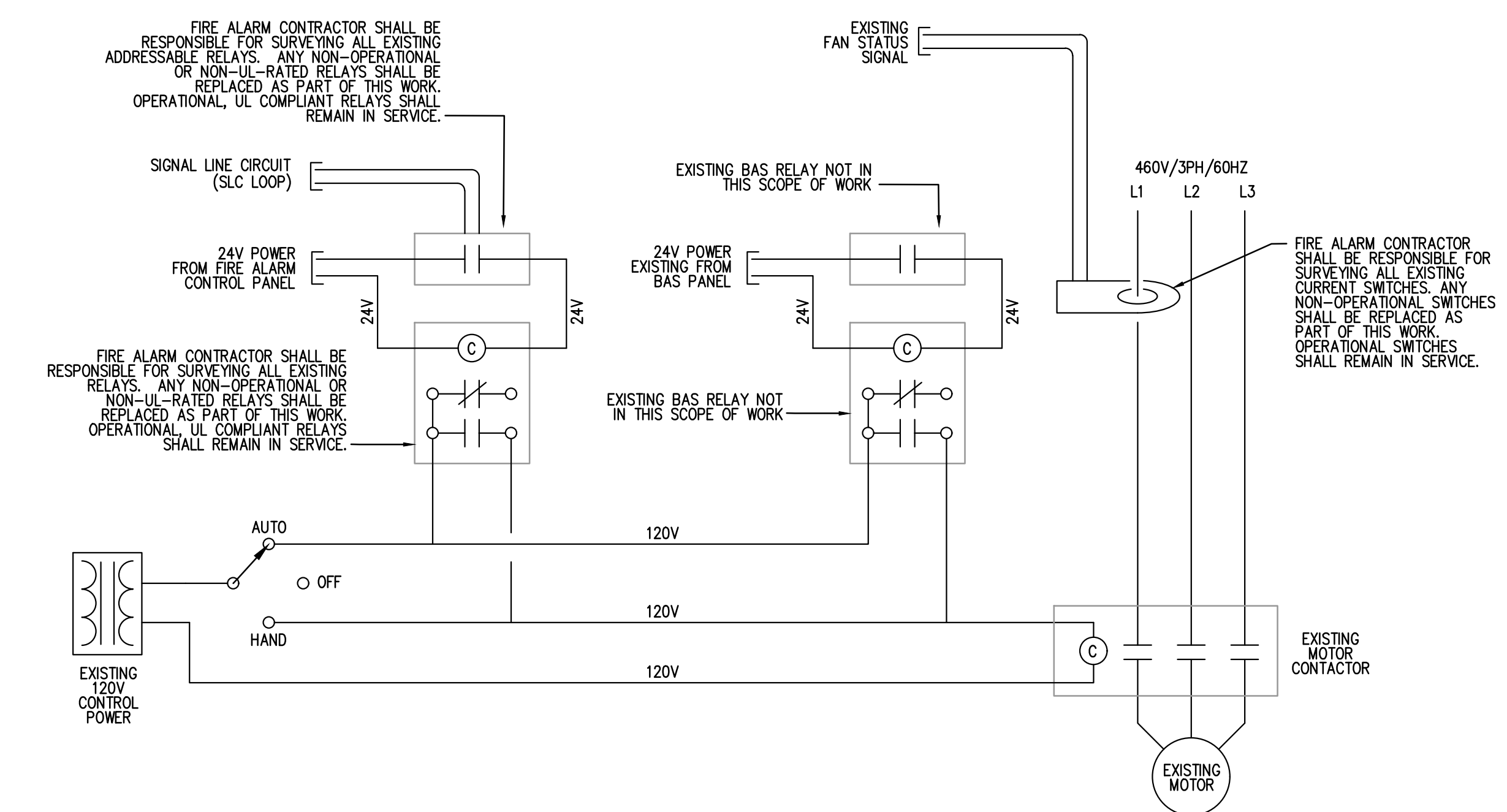


NOTE: PREFABRICATED WITCH HAT IS ACCEPTABLE.



**ROOF PENETRATION DETAIL**

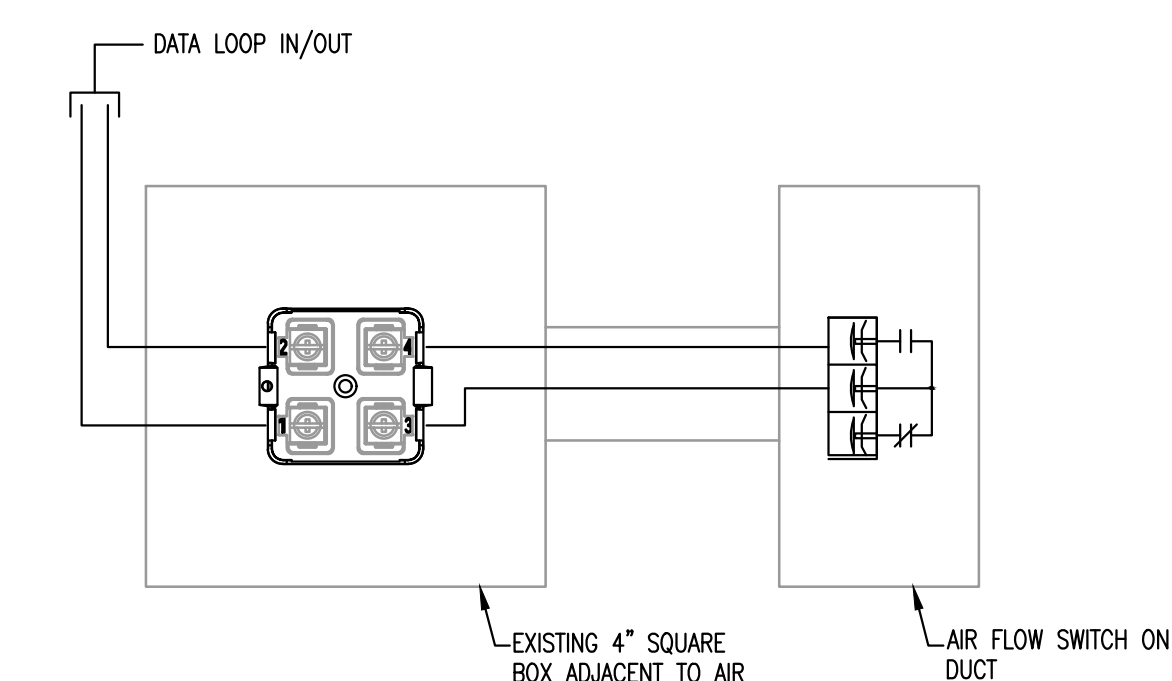
N.T.S



1. FIRE ALARM SYSTEM SHALL COMMAND/MONITOR THE FOLLOWING SMOKE EXHAUST FAN POINTS: START, STOP, FAN STATUS, AND READY (AUTO, NOT IN HAND/OFF POSITION)
2. INSTALL FIRE ALARM RELAYS IMMEDIATELY ADJACENT TO THE FAN STARTERS/DRIVES THEY SERVE.
3. FIRE ALARM CONTRACTOR SHALL COORDINATE WITH THE BAS CONTRACTOR AND THEIR DRAWINGS PRIOR TO THE START OF WORK.
4. PROVIDE ANY AND ALL REQUIRED HARDWARE OR ADDITIONAL CT SWITCHES TO ALLOW FOR STATUS MONITORING TO THE FIRE ALARM SYSTEM.
5. PROVIDE ANY AND ALL REQUIRED HARDWARE TO ALLOW FOR FIRE ALARM CONNECTION TO HOA SWITCH.

**FIRE ALARM SMOKE EXHAUST FAN RELAY DETAIL**

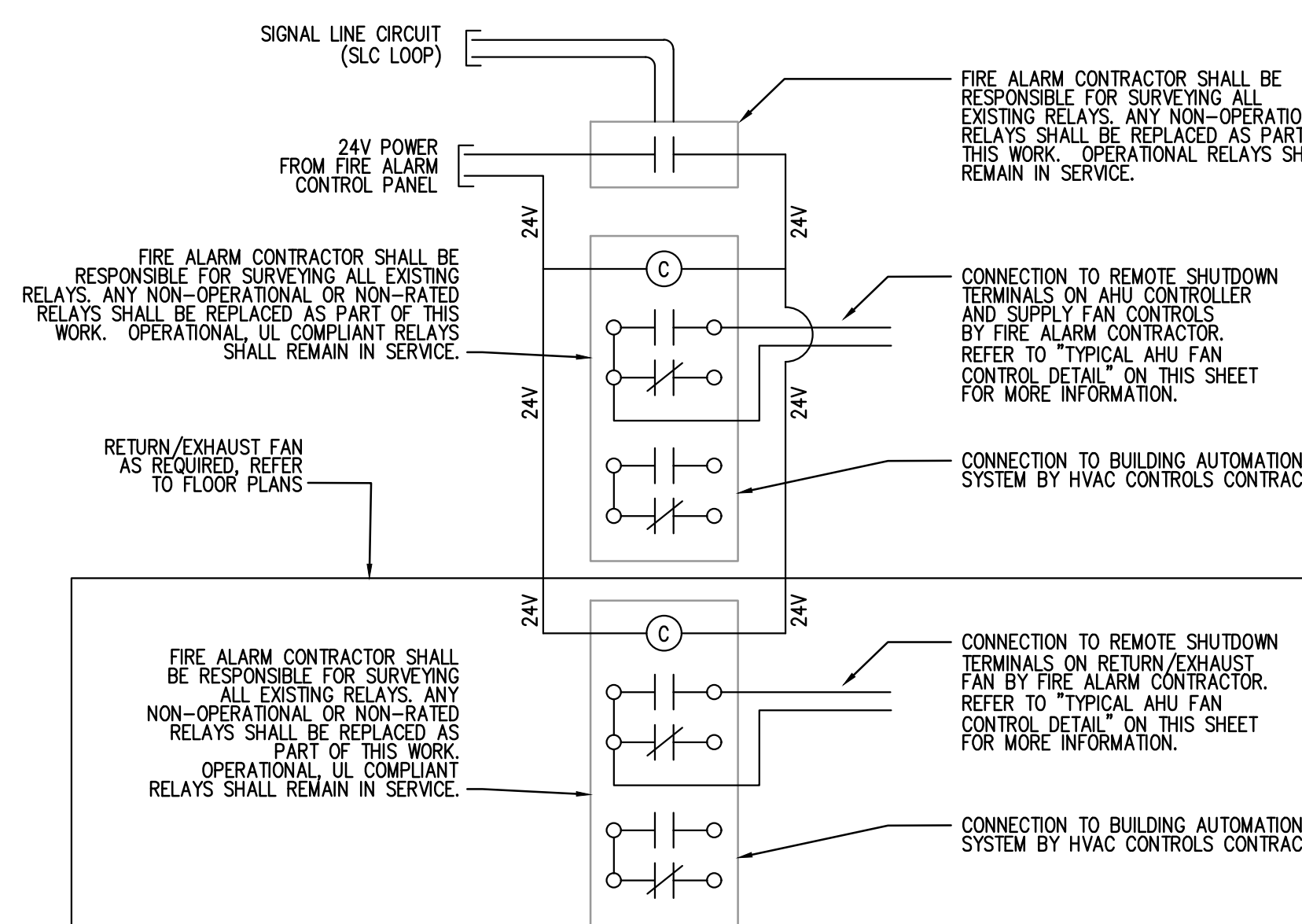
N.T.S



NOTES:

1. MOUNT MONITOR MODULE IN JUNCTION BOX ADJACENT TO FAN SWITCH.
2. CONTRACTOR MAY REUSE EXISTING AIR FLOW SWITCHES IF LOCATED IN THE CORRECT DUCT AND TESTED TO BE IN GOOD WORKING ORDER. REPLACE IF NECESSARY. PROVIDE NEW AIR FLOW SWITCH IN DUCT AT ALL OTHER LOCATIONS REQUIRED BY CODE OR SHOWN ON THE DRAWINGS.

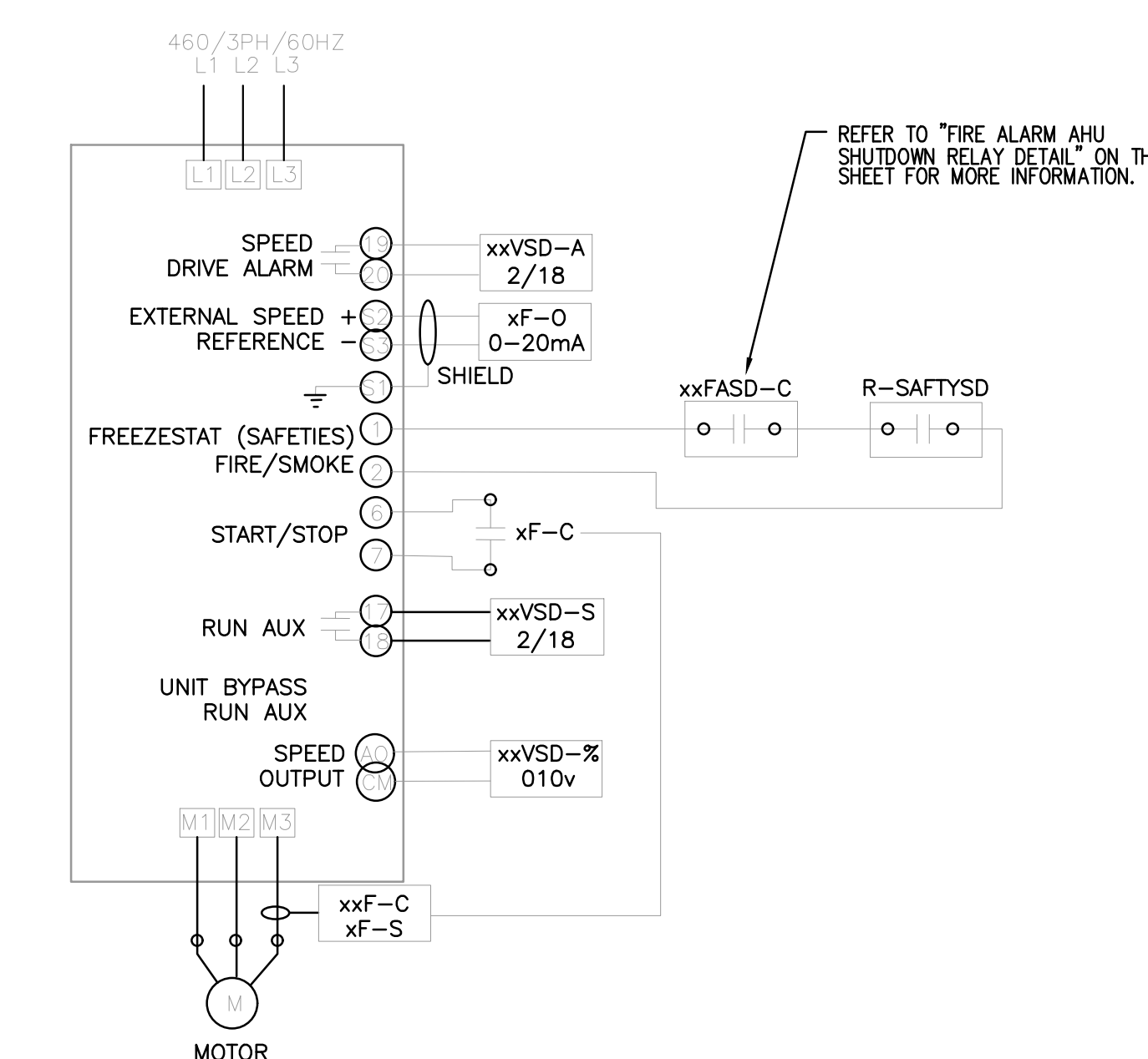
**AIR FLOW SWITCH DETAIL**



1. INSTALL FIRE ALARM RELAYS IMMEDIATELY ADJACENT TO THE AHU CONTROLLERS OR FAN STARTERS/DRIVES THEY SERVE.
2. FIRE ALARM RELAYS FOR SUPPLY AND RETURN/EXHAUST FANS MAY BE INSTALLED TOGETHER IN THE SAME ENCLOSURE IF THE FANS ARE CONTROLLED FROM THE SAME MOTOR CONTROL CENTER OR BOTH STARTERS/DRIVES ARE "WITHIN PLAIN SIGHT" OF THE NEW FIRE ALARM CONTROL RELAY ENCLOSURE.
3. BAS CONTRACTOR SHALL VERIFY THAT REMOTE SHUTDOWN TERMINALS AT AHU CONTROLLER REMOVE CONTROL POWER FROM THE SMOKE DAMPERS AND CAUSE NORMALLY CLOSED DAMPERS TO CLOSE. IF THIS IS NOT THE CASE, THE BAS CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY.
4. FIRE ALARM CONTRACTOR SHALL VERIFY LOCATION AND OPERATION ON TEST KEYPOINTS.
5. FIRE ALARM CONTRACTOR SHALL COORDINATE WITH THE BAS CONTRACTOR AND THEIR DRAWINGS PRIOR TO THE START OF WORK.

**FIRE ALARM AHU SHUTDOWN RELAY DETAIL**

N.T.S



**TYPICAL AHU FAN CONTROL DETAIL**

N.T.S



**Our Most Versatile Swing Door Operator**

The industry leading STANLEY Magic-Force is the operator of choice for professionals who trust its long-lasting durability and dependable product performance. The Magic-Force is our most versatile operator because it comes in a variety of mounting styles, integrates with a variety of sensors and systems and effortlessly adapts to the most diverse set of job site conditions including full or low energy and light to heavy duty usage.

**FEATURES AND BENEFITS**

- **Design Flexibility:** Multiple header configurations support a variety of mounting styles. Compatible with a variety of systems and activation sensors.
- **Installation Flexibility:** Right or left hand operation (non-handed). No special tools needed. Either full energy ANSI 156.10 (motion activated) or low energy ANSI 156.19 (knowing-act activated). Adjustable spring for precise closing force control.
- **Operational Flexibility:** Light to heavy duty. Powers door panels up to 48" wide and 350 lbs+\* or up to 75 ft/lb torque. UL listed for fire rated doors. Electric lock integration now built in. Acts as a mechanical closer for manual operation in power outages. Features on, off and hold open switch.
- **Impressive Operation:** Smooth, controlled and built to resist wind and stack pressure conditions while operating as quiet as a refrigerator (50 decibels).
- **Maximum Safety Every Time:** Microprocessor-based controller will stop immediately at any point of the doors swing cycle when an obstacle is detected. Add-on sensors available for additional safety.



**Magic force™ full or low energy swing door operaTor**

**OPTIONAL FEATURES**

- Custom finishes
- Transom
- Traffic pattern options
- Power close
- Mounting options:
  - Surface mount
  - Semi-concealed
  - Concealed
  - Bottom load
  - In ground
  - In-swing
  - Out-swing
  - Right hand
  - Left hand

**SAFETY SENSORS**

- low energy: Swing-Guard LE option keeps the door open when a pedestrian is in its swing path.
- full energy: Swing-Guard FE\* option and Sentrex-3\* option (complete door system only) keeps the door open when a pedestrian is in its swing path and stays active when the door is in motion.

**ACTIVATION**

- full energy: SU-100 option provides a wide and deep activation zone to assure door remains fully open while someone is entering or exiting.
- low energy options:
  - Touch-less wave sensors
  - Push plates
  - Radio control & key fob remote
  - RF

SPECIFICATIONS	
Header Size	4 0" (102mm) high x 5.5" (140mm) deep
Swing Door Panels	Up to 48" (1220mm)
Door Panel Weight	350+ lbs* (160kg) or up to 75 ft/lb torque
Drive System	3/16HP DC motor, gear drive
Controller	Microprocessor-based with built-in "reverse-on-obstruction"
Safety Sensor Options	Low Energy: Swing-Guard LE, Full Energy: Swing Guard FE, other ANSI certified systems
Activation Options	Low Energy: Push plates, wireless radio controls, card reader keypads, touch-less wave sensor, rail, Low Energy Assisted Open: Magic-Touch™, Full Energy STANLEY SU-100 Motion sensors or mats.
Breakout	Automatic reset (center hung)
Power Required	120 VAC, minimum 5 amps, 60/60 HZ
Code Compliance	UL/ULC, 325, UL 10C, ANSI/BHMA A156.10/156.19, IBC, NFPA 101, ANSI 117.1

\*Consult your local representative.

ACCESS TECHNOLOGIES

**MAGIC FORCE**

**LOW-ENERGY OPERATOR ON ALUMINUM DOOR & FRAME**

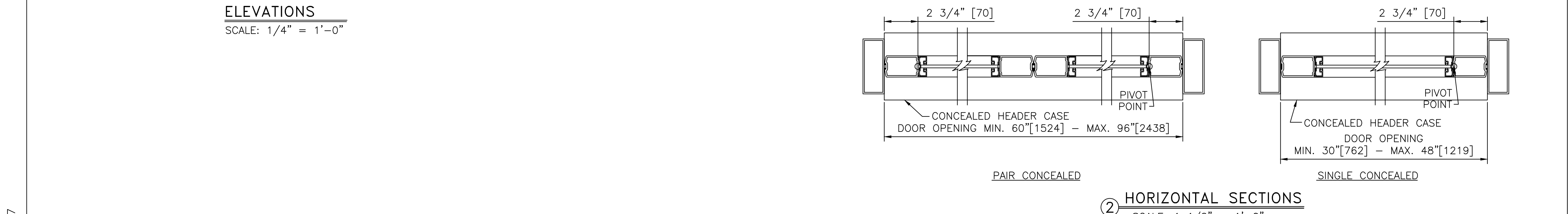
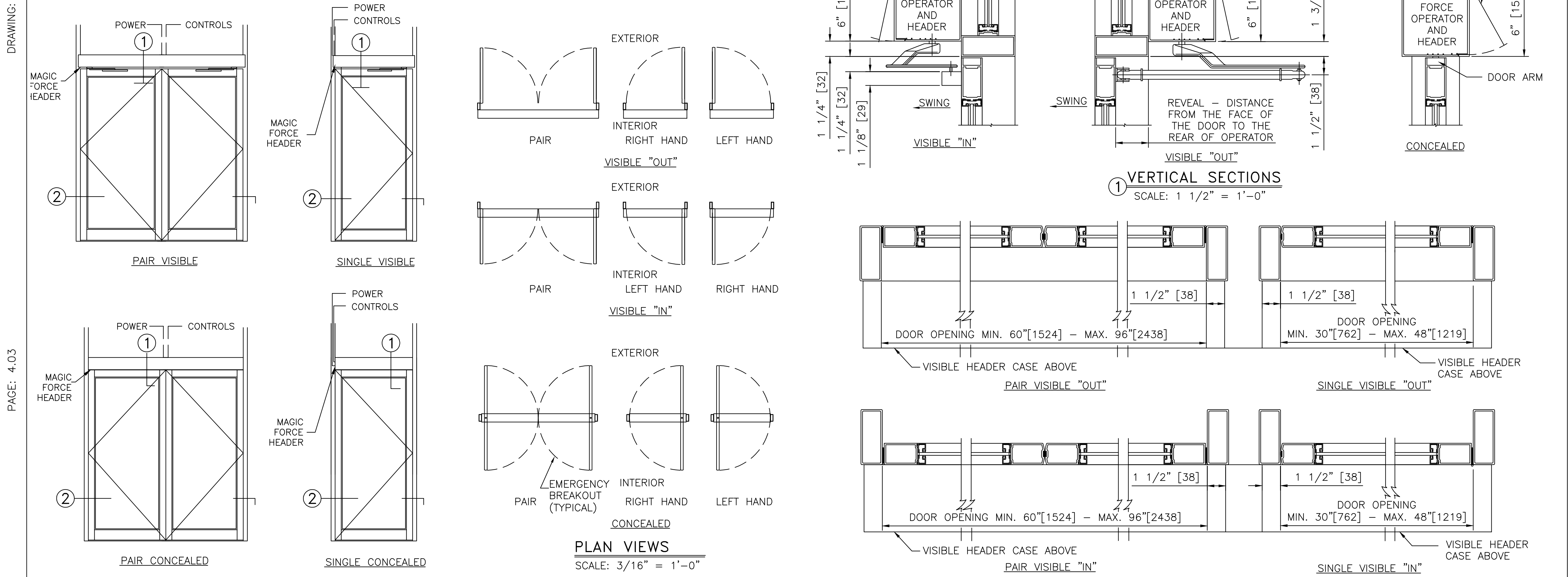
PROJECT INFORMATION

PROJECT NAME: \_\_\_\_\_

LOCATION: \_\_\_\_\_

DOOR NUMBER(S): \_\_\_\_\_

DATE: \_\_\_\_\_ SHEET: \_\_\_\_\_ OF \_\_\_\_\_



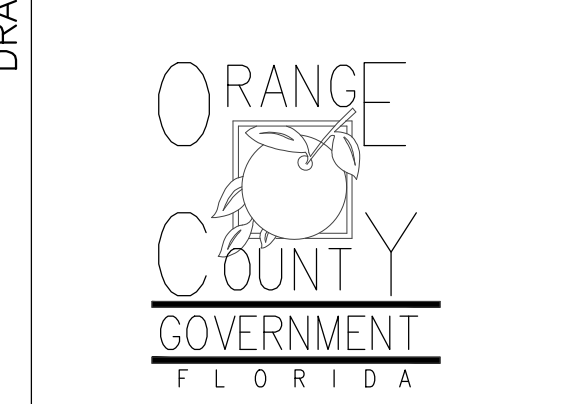
**NOTES**

- ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
  - 1.1 120 VAC, 5 AMP MIN TO OPERATOR.
  - 1.2 CONTROL CIRCUIT FROM ACTIVATION TO OPERATOR.
- DOORS, FRAMES, AND HARDWARE BY OTHERS.
- DOORS MUST BE UN-LATCHED FOR PROPER OPERATION. PROVIDE TIME DELAY RELAY WHEN REQUIRED FOR PROPER OPERATION.
- OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.19.
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

ACCESS TECHNOLOGIES



Client: \_\_\_\_\_



Consultants: \_\_\_\_\_



EOR Stamp: \_\_\_\_\_

09/06/2018

Project: \_\_\_\_\_

**Orange County Convention Center NS Smoke Control Design Phase**

Location: \_\_\_\_\_

9400 Universal Blvd, Orlando FL 32819

Issuance: \_\_\_\_\_

**BID/PERMIT DOCUMENTS**

Revisions:

#	Date	Description
Δ 04.16.18		
Δ 09.06.18		PERMIT & OWNER COMMENTS

Date: \_\_\_\_\_

05.21.2017

Project Number: \_\_\_\_\_

17.OCCC.019

Drawn By: \_\_\_\_\_ Checked By: \_\_\_\_\_

ME DL

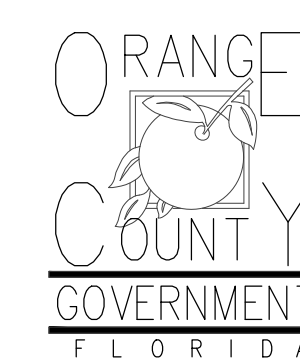
**ELECTRICAL DETAILS**

Sheet No.:

**E902**

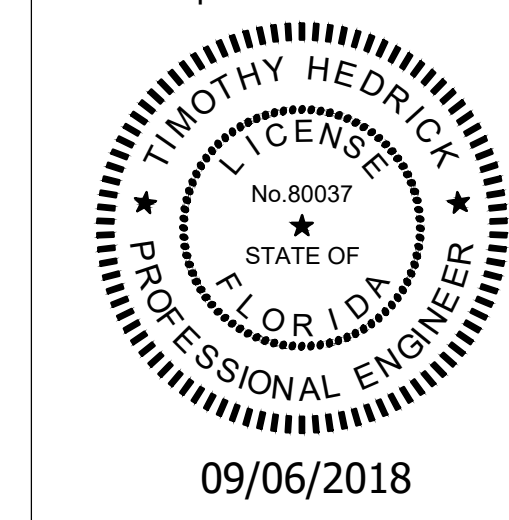
# PHASE 5 FIRE FIGHTERS SMOKE CONTROL PANEL

Client:



Consultants:

EOR Stamp:



Project:

Orange County Convention Center  
NS Smoke Control  
Design Phase

Location:  
9400 Universal Blvd, Orlando  
FL 32819

Issuance:  
**BID/PERMIT DOCUMENTS**

Revisions:

#	Date	Description
1	04.16.18	
2	09.06.18	PERMIT & OWNER COMMENTS

Date:  
05.21.2017

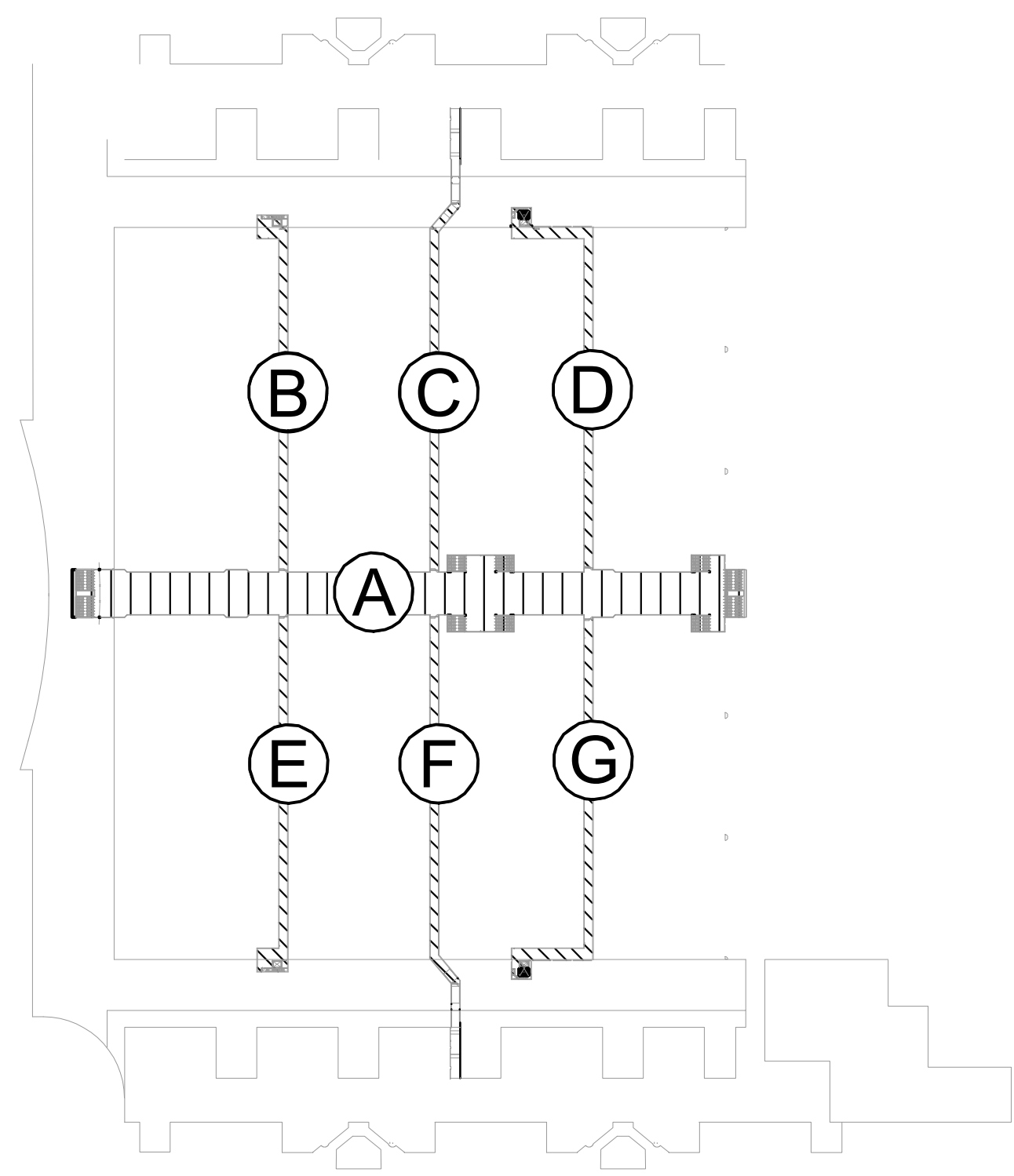
Project Number:  
17.OCCC.019

Drawn By: ME  
Checked By: DL

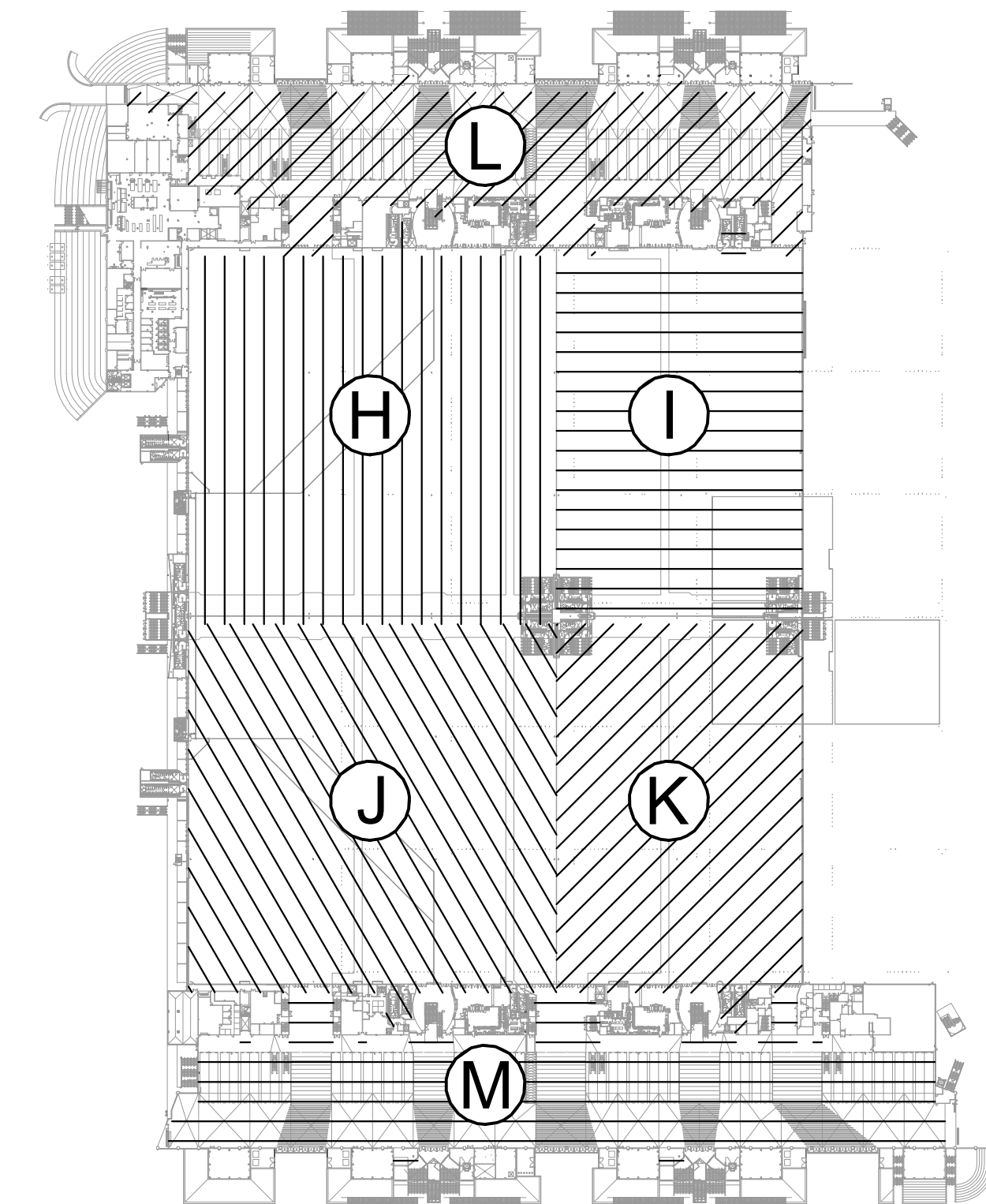
**SMOKE CONTROL PANEL LAYOUT**

Sheet No.:

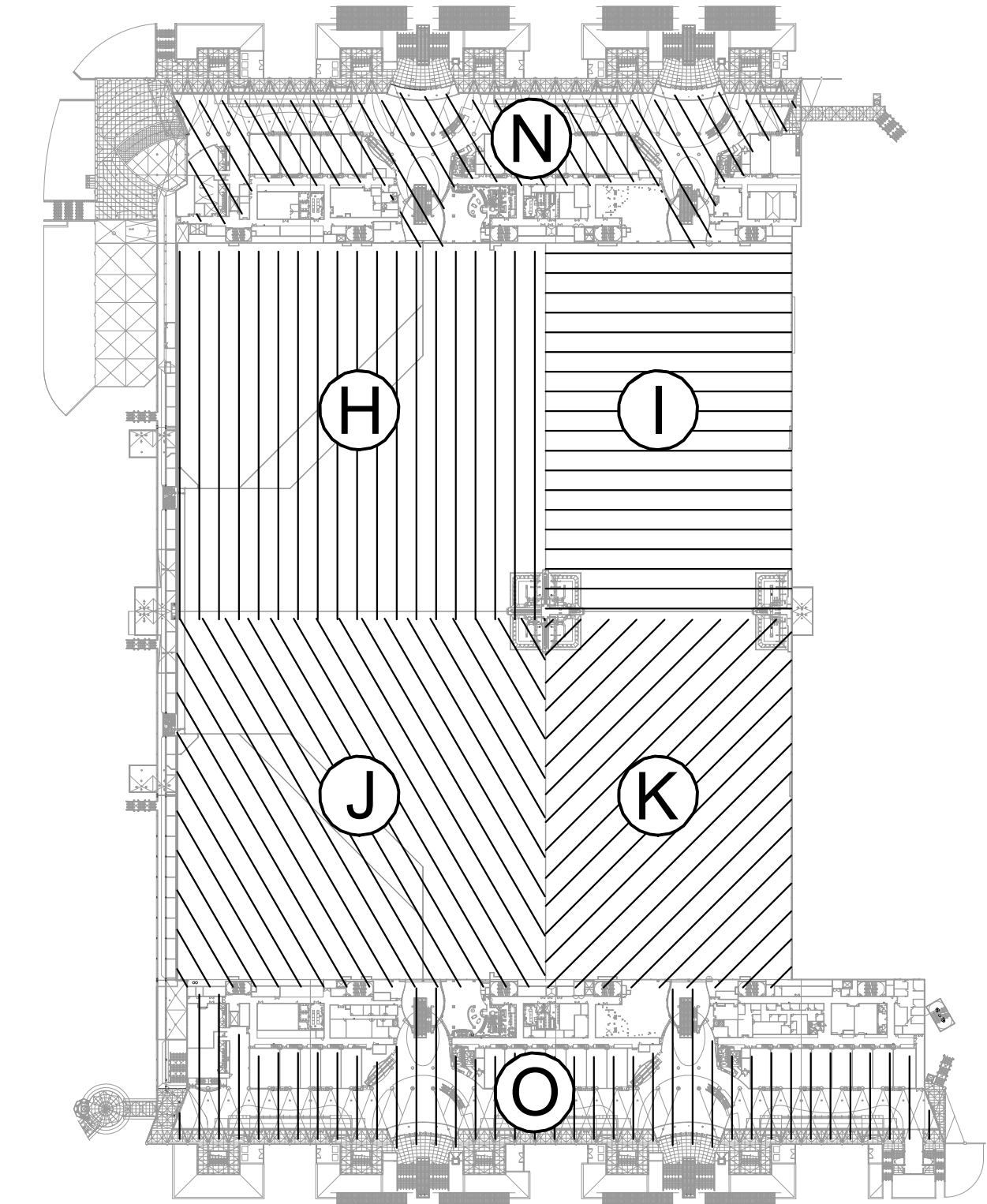
**E903**



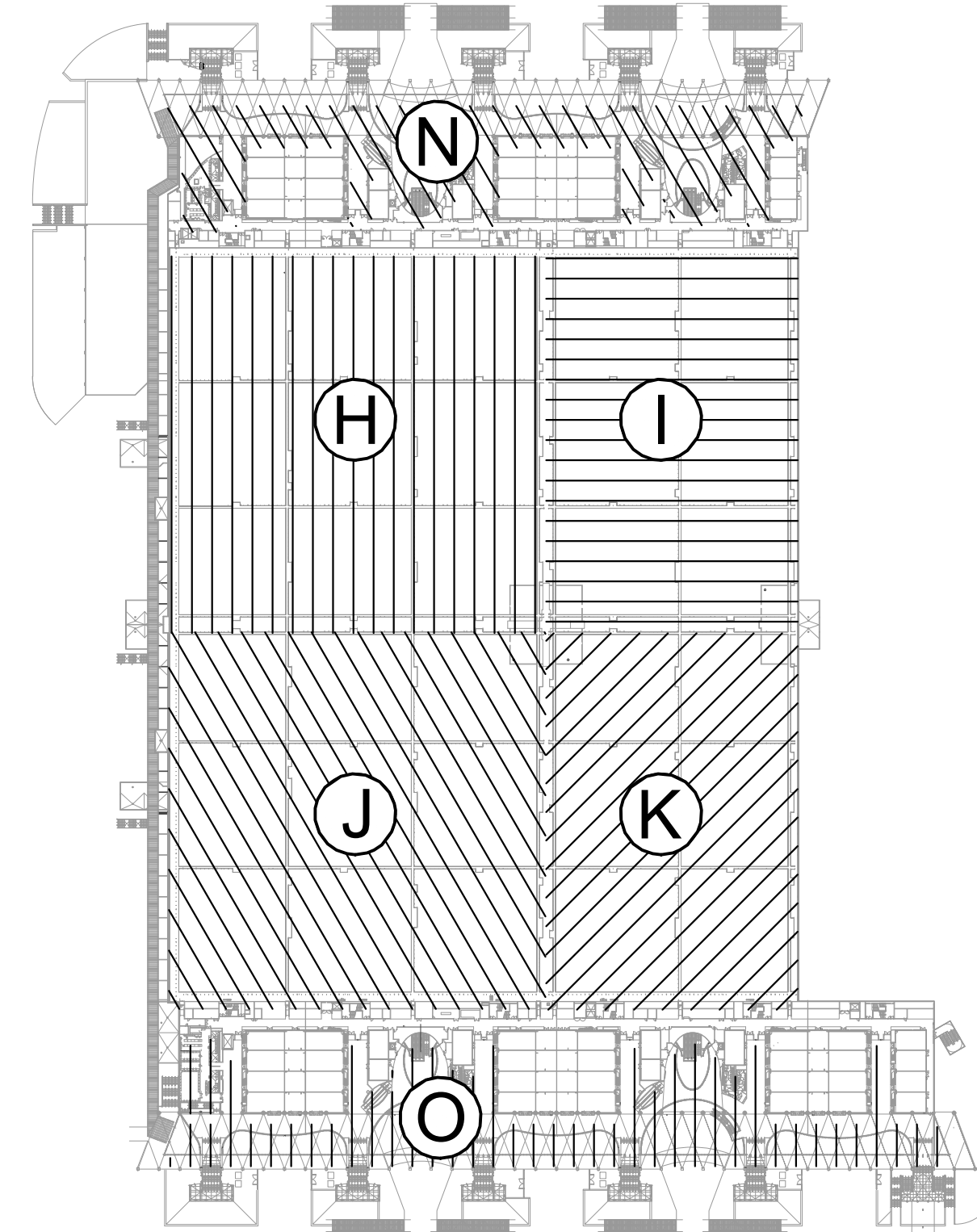
**LEVEL 0 - TUNNEL**



**LEVEL 1 - EXHIBIT**

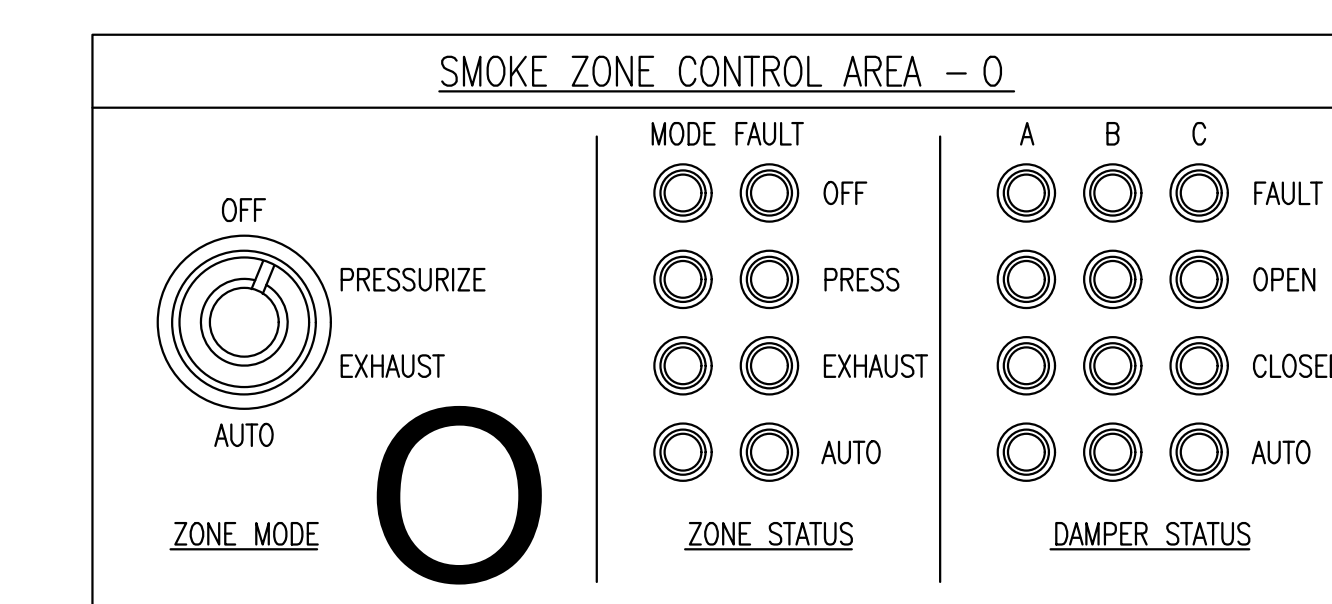
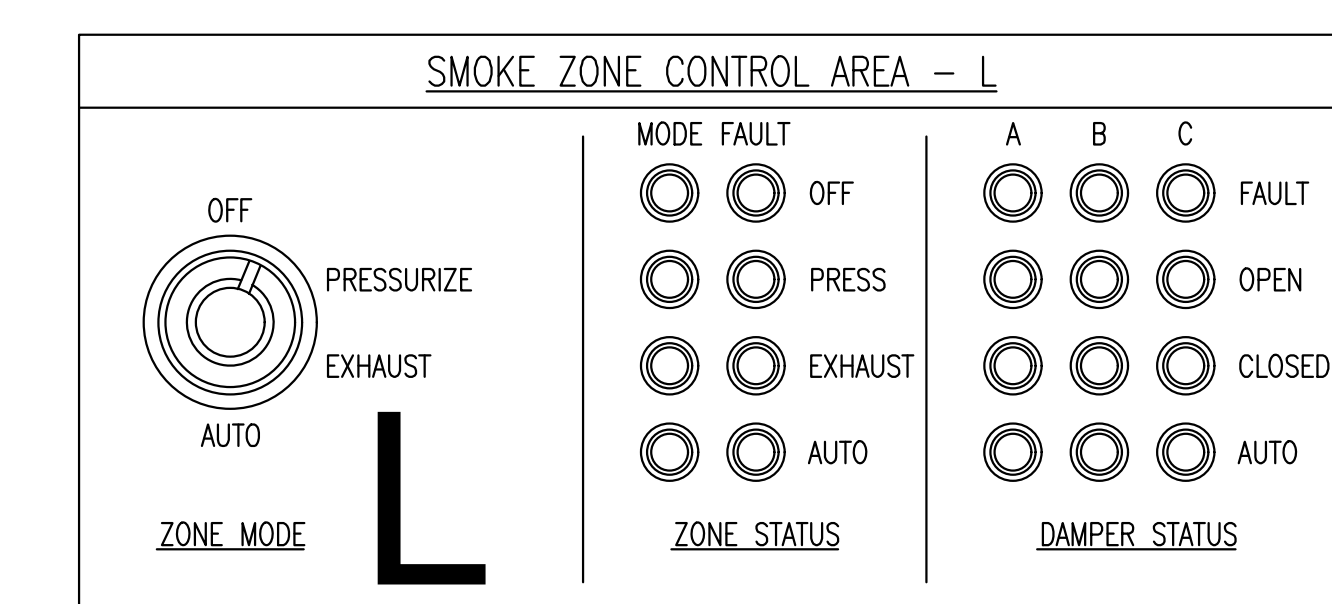
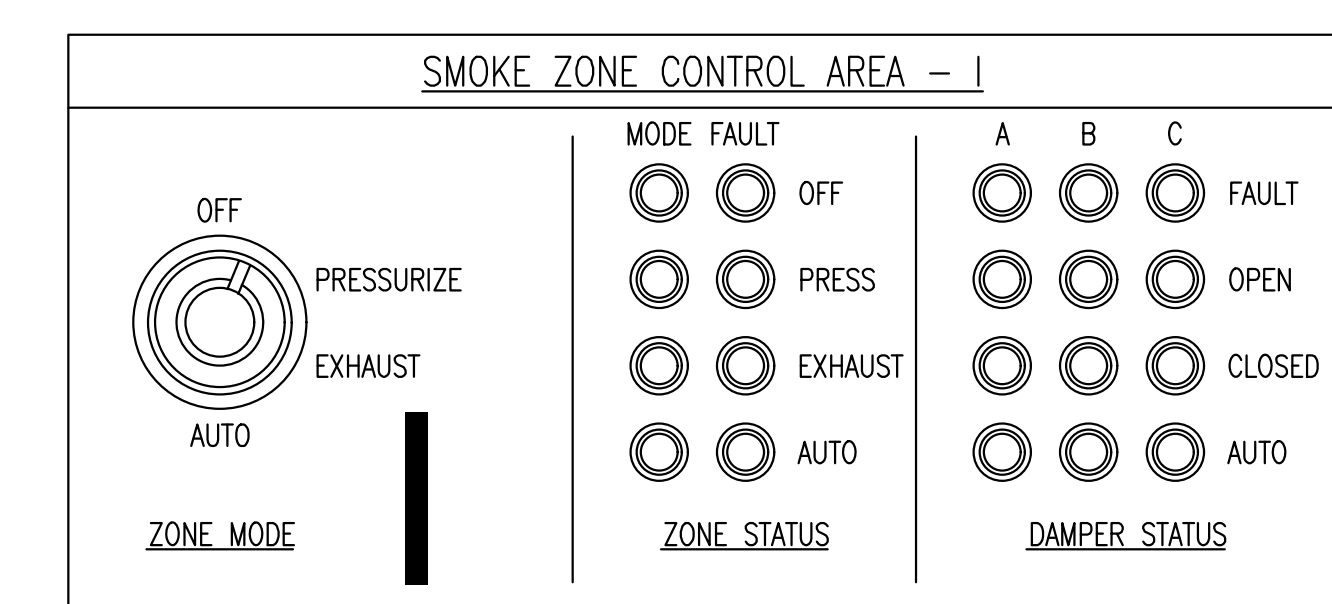
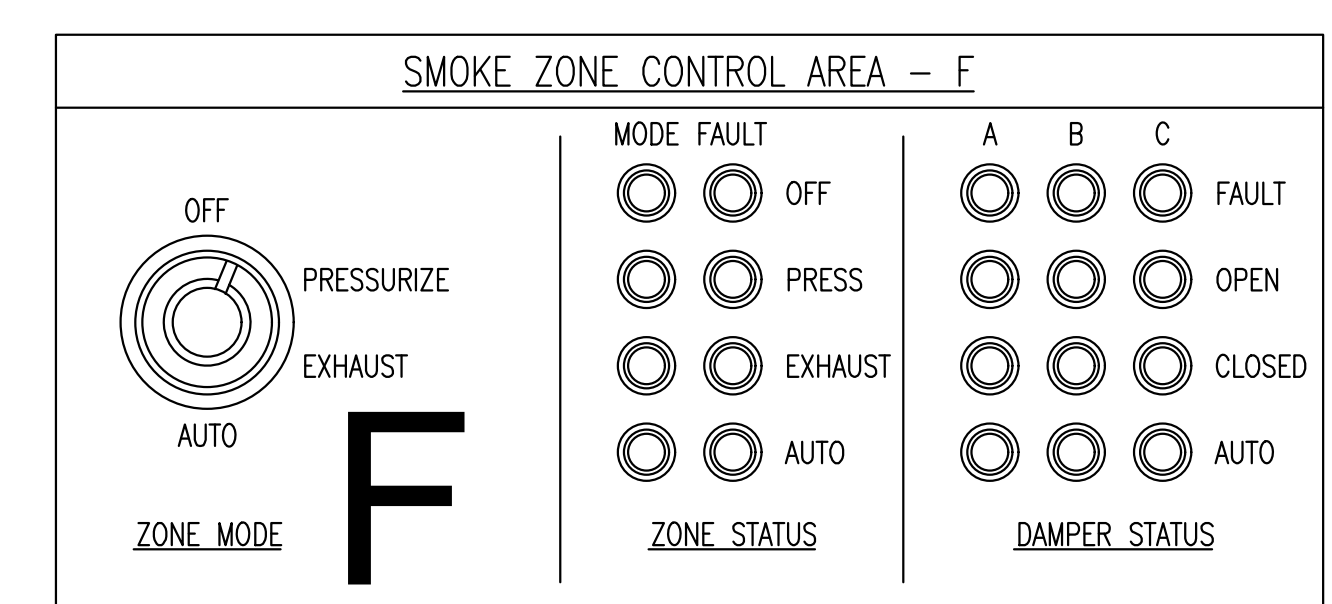
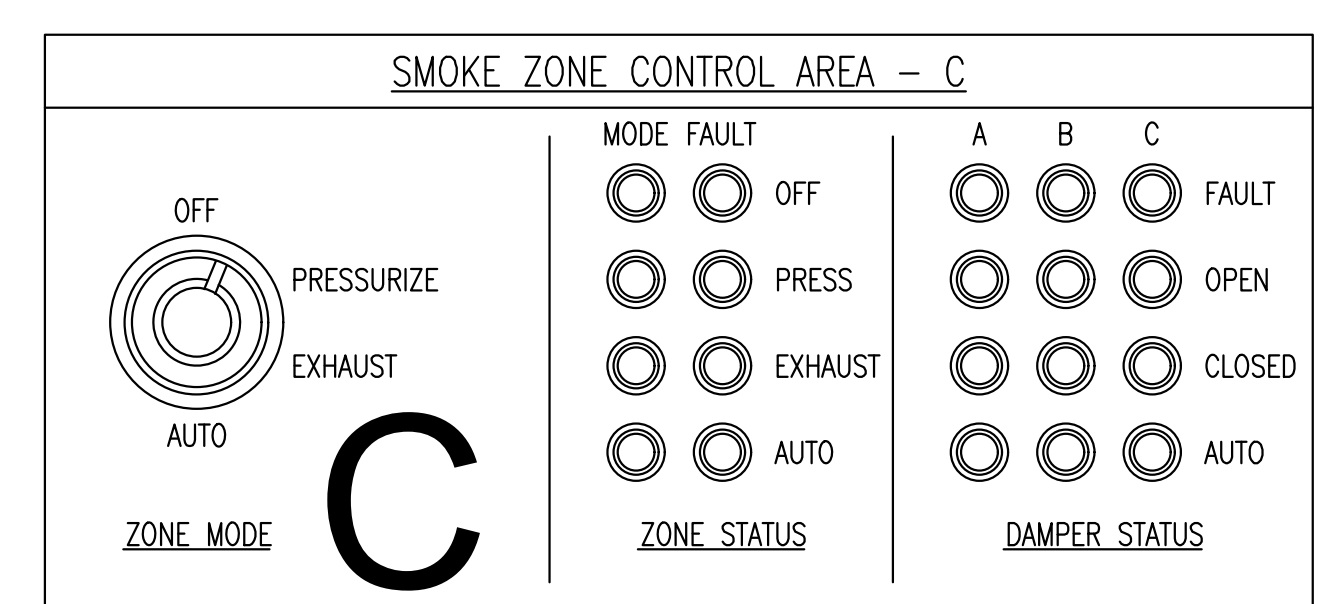
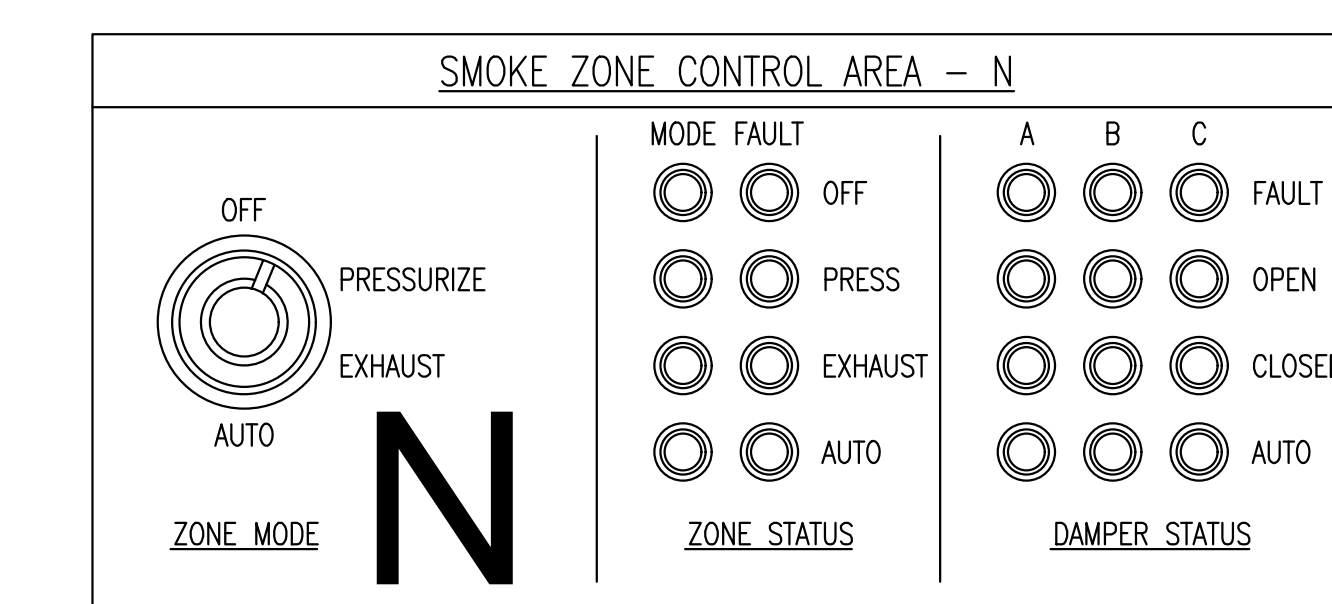
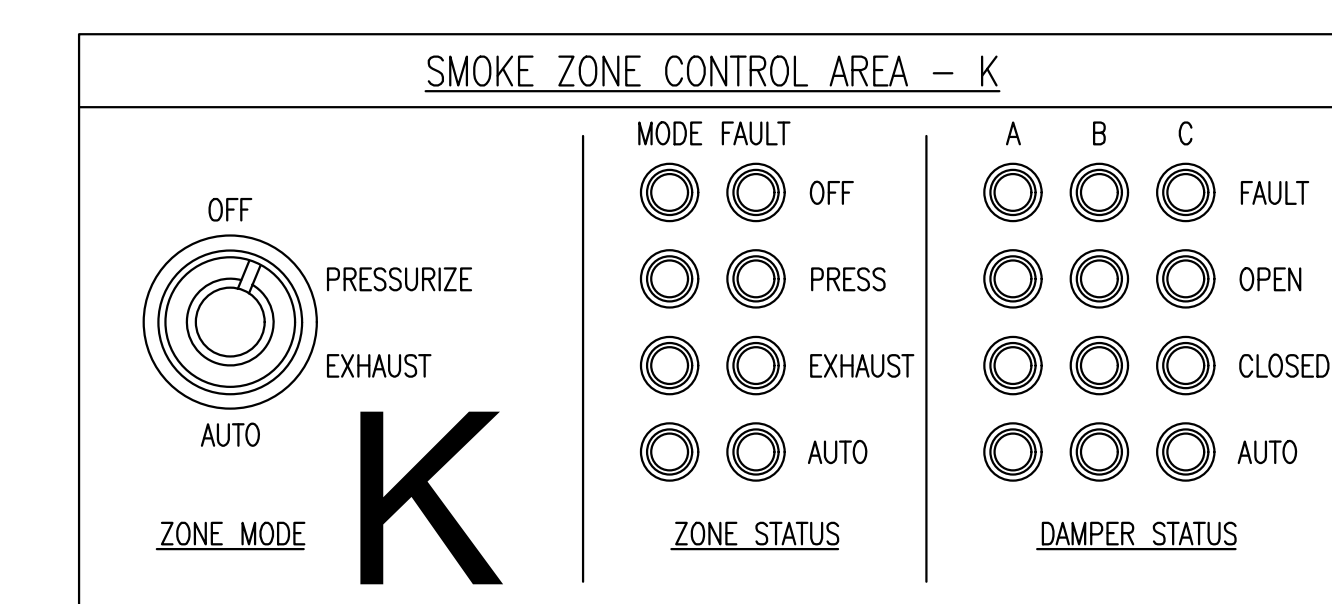
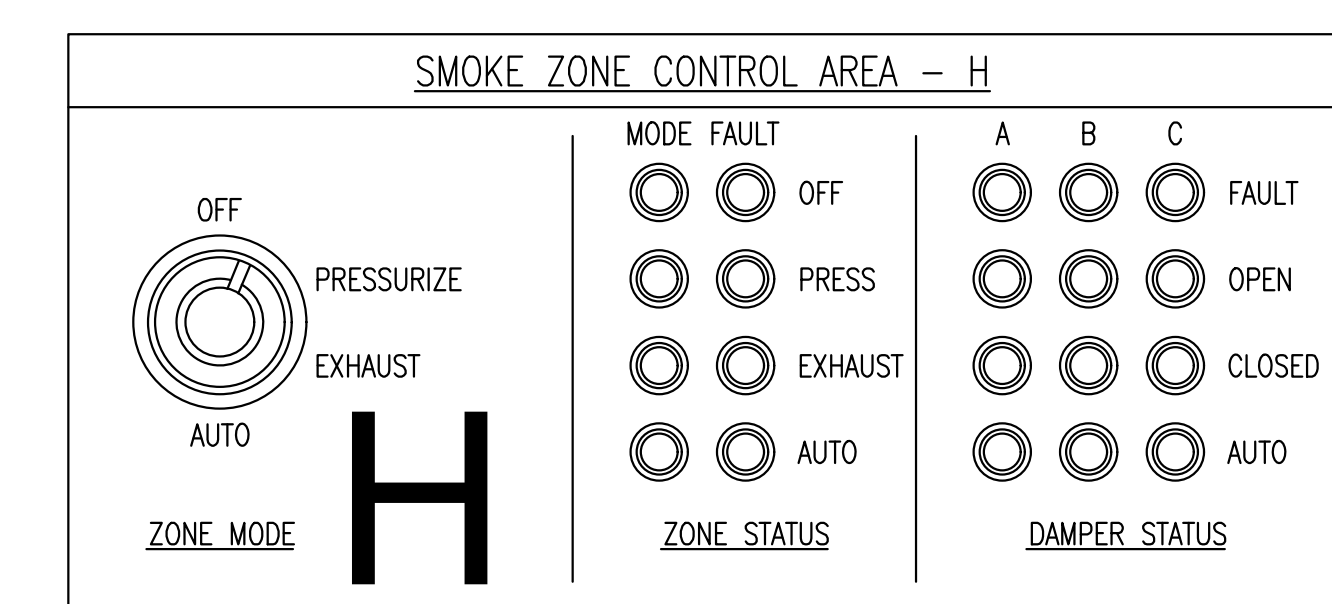
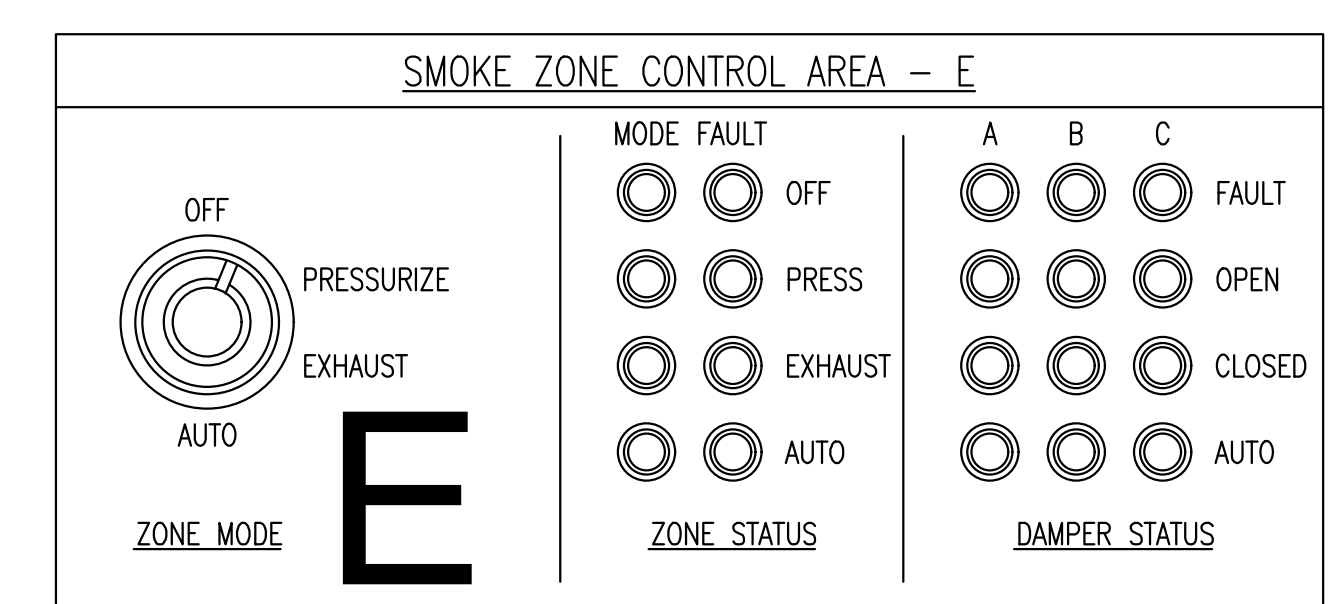
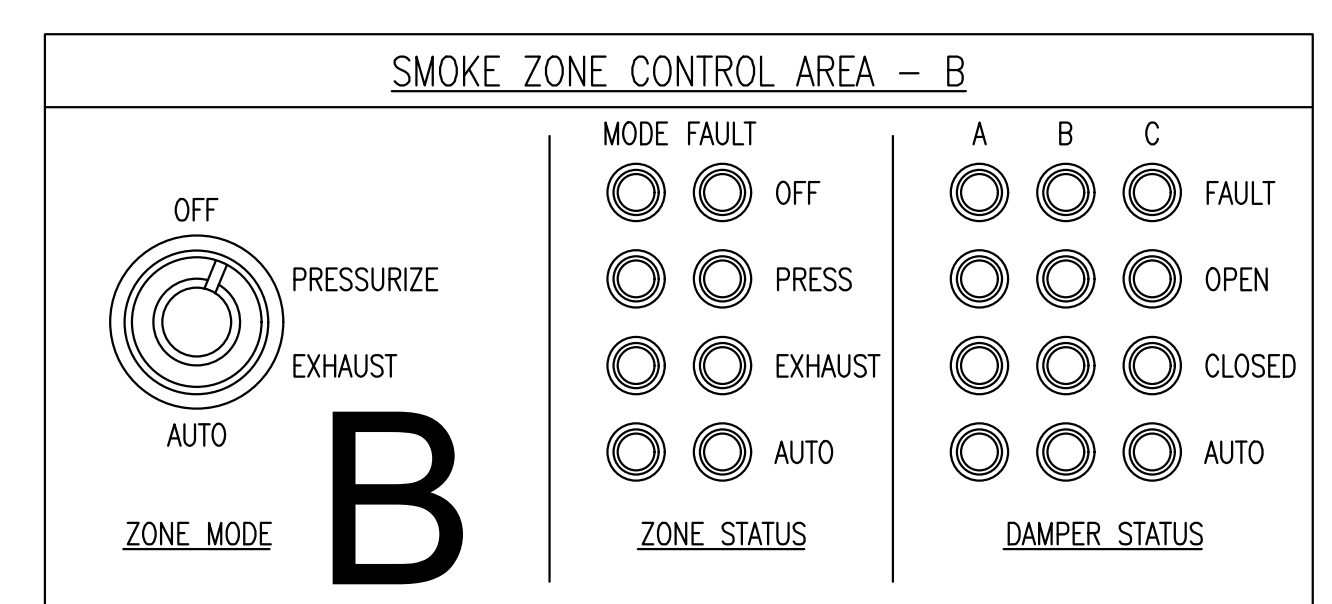
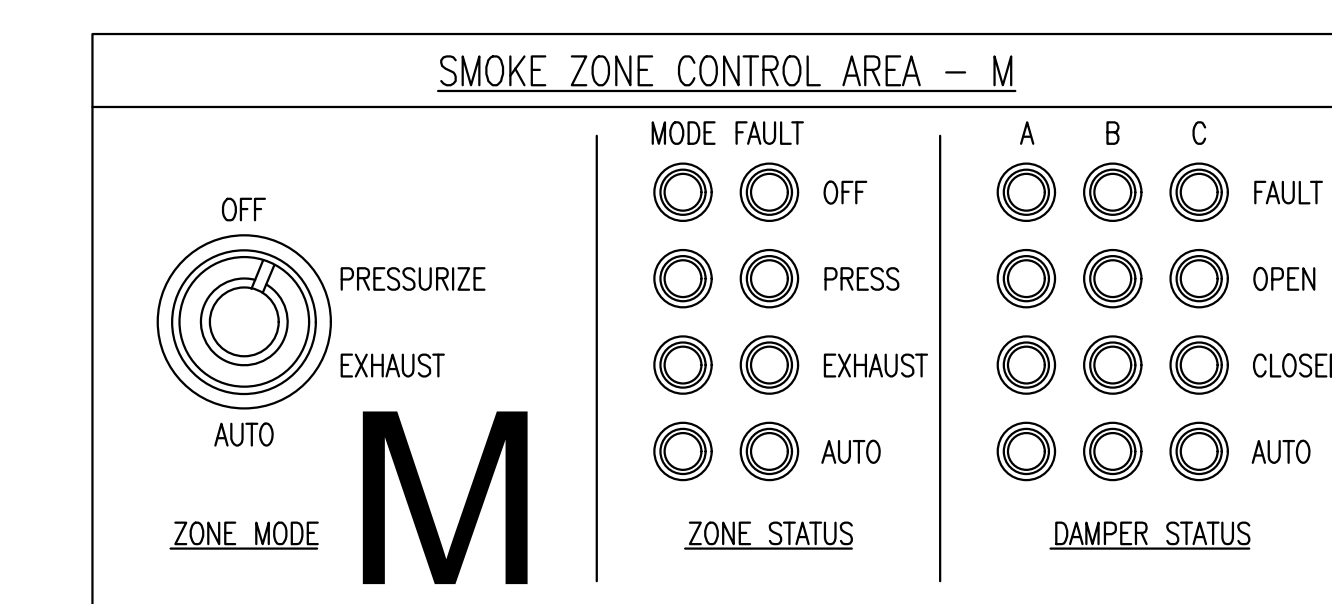
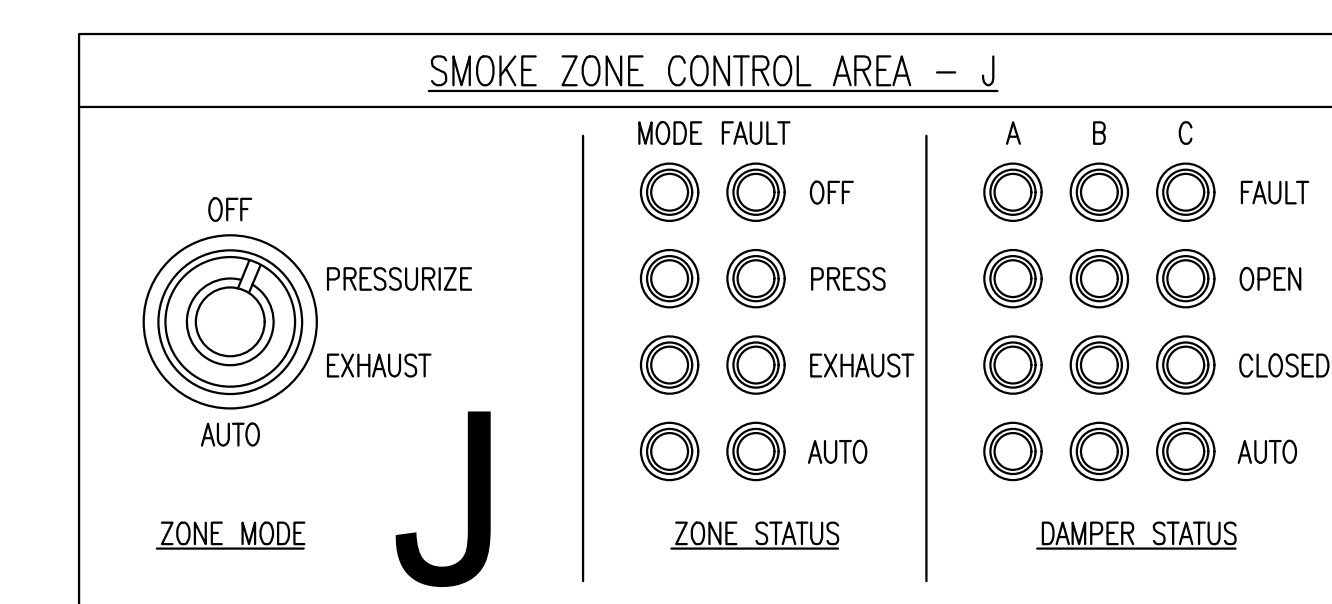
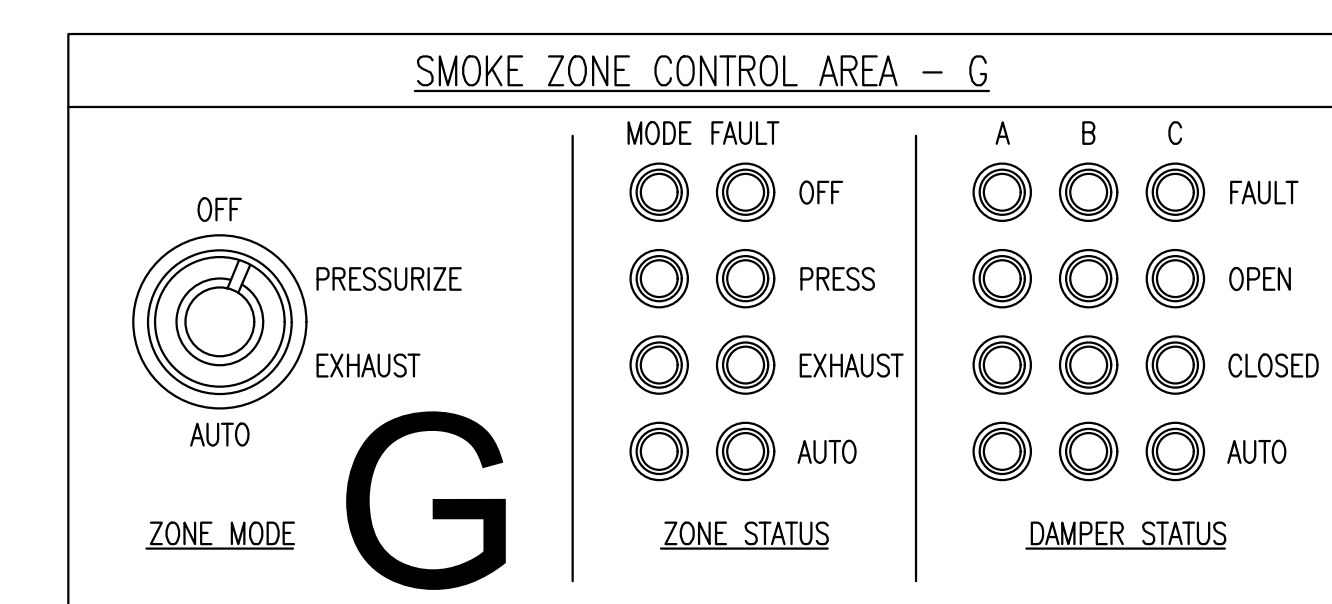
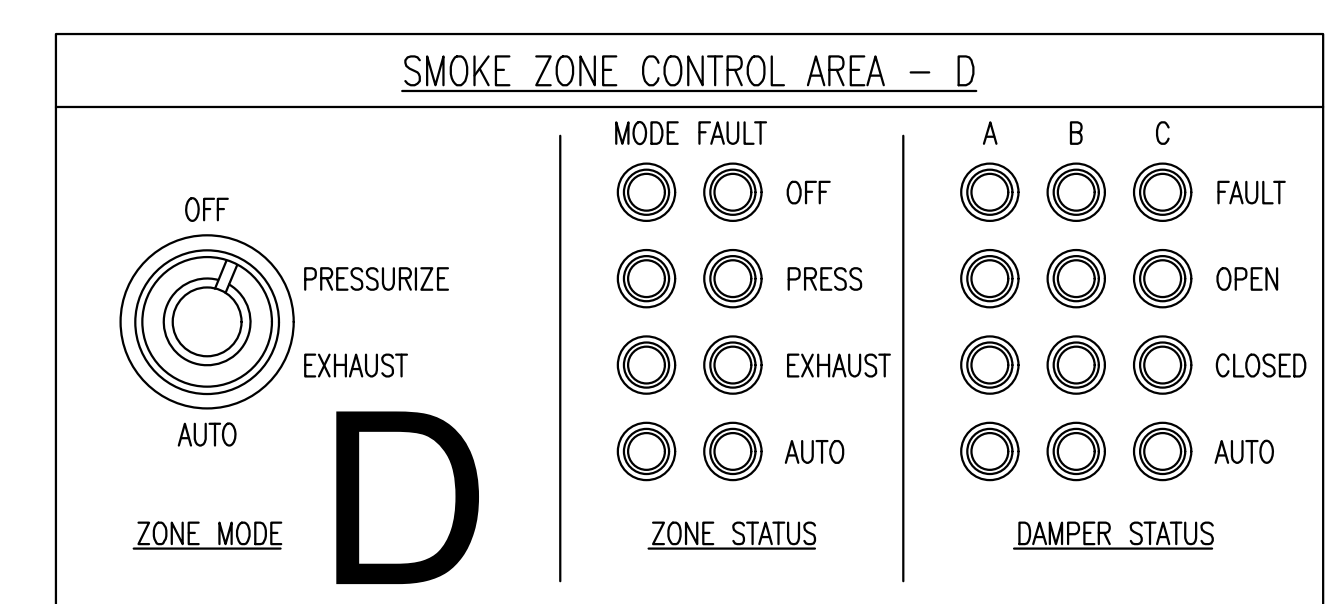
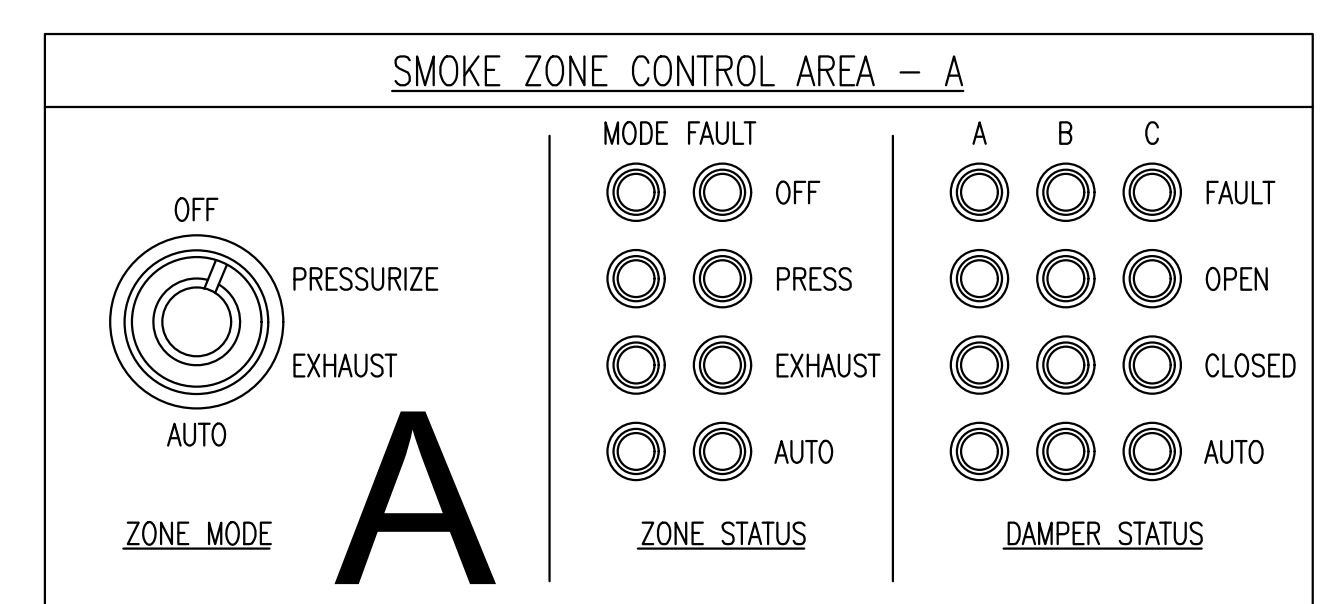
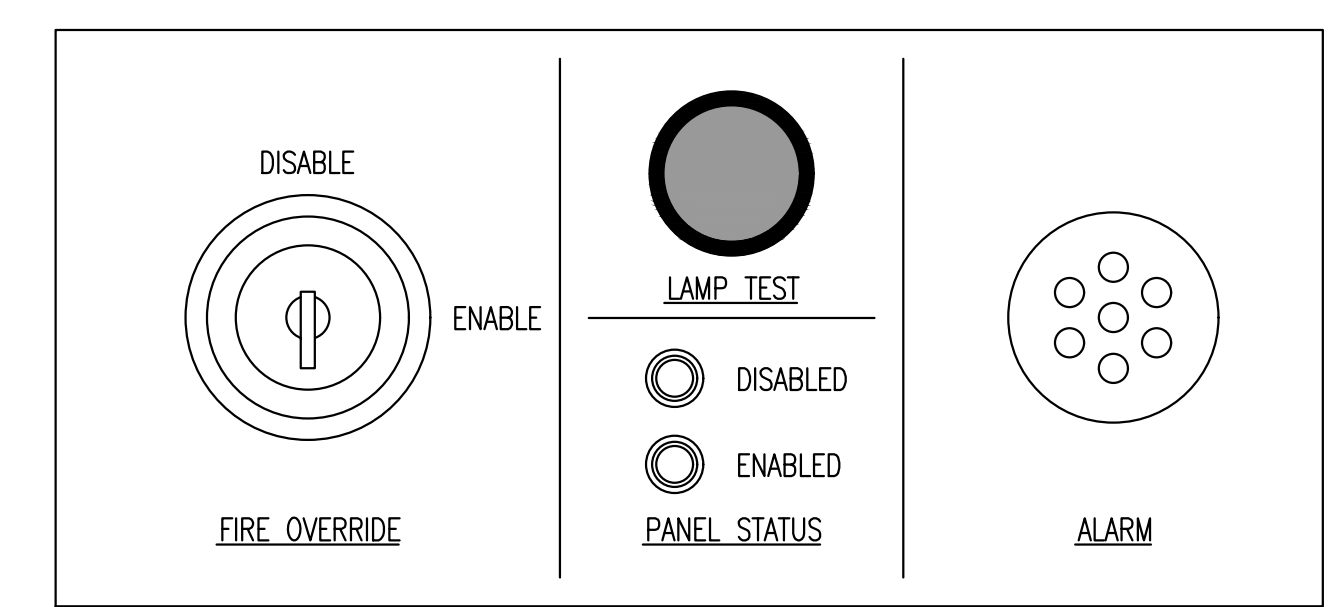


**LEVEL 2 - CONCOURSE**



**LEVEL 3 - MEZZANINE**

ZONE		
CODE	LEVEL	DESCRIPTION
A	LEVEL 0	EGRESS TUNNEL
B	LEVEL 0	SERVICE TUNNEL
C	LEVEL 0	SERVICE TUNNEL
D	LEVEL 0	SERVICE TUNNEL
E	LEVEL 0	SERVICE TUNNEL
F	LEVEL 0	SERVICE TUNNEL
G	LEVEL 0	SERVICE TUNNEL
H	LEVEL 1/2/3	EXHIBIT HALL
I	LEVEL 1/2/3	EXHIBIT HALL
J	LEVEL 1/2/3	EXHIBIT HALL
K	LEVEL 1/2/3	EXHIBIT HALL
L	LEVEL 1	LOADING DOCK
M	LEVEL 1	LOADING DOCK
N	LEVEL 2/3	ATRIUM/MEETING ROOM
O	LEVEL 2/3	ATRIUM/MEETING ROOM



NOTE: ALL LIGHT COLORS SHALL BE SPECIFIC COLORS IN ACCORDANCE WITH FBC SECTION 909.16.1.

- EQUIPMENT OPERATING IN NORMAL STATUS INDICATED WITH WHITE.
- EQUIPMENT OPERATING IN OFF/CLOSED STATUS INDICATED WITH RED.
- EQUIPMENT OPERATING IN ON/OPEN STATUS INDICATED WITH GREEN.
- EQUIPMENT OPERATING IN FAULT STATUS INDICATED WITH YELLOW/AMBER.

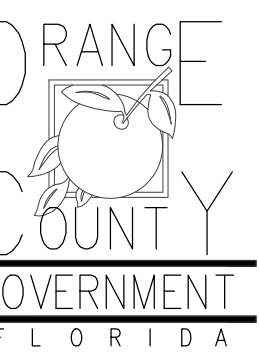
ALL SPECIFIED AND INDICATED EQUIPMENT OF THE CONSTRUCTION DOCUMENTS IS APPROVED BY THE FOLLOWING MANUFACTURERS:

- EDWARDS SYSTEMS TECHNOLOGIES (EST)
- SIEMENS BUILDING TECHNOLOGIES, INC. FIRE SAFETY DIVISION
- SIMPLEX-GRINNELL LP, A TYCO INTERNATIONAL COMPANY

ANY INTERFACES BETWEEN THE SMOKE CONTROL SYSTEM AND THE EXISTING INSTALLED FIRE ALARM SYSTEM COMPONENTS SHALL BE SEAMLESS AND WITHOUT EXCESSIVE MARKUP FOR REQUIRED INTERFACE COMPONENTS.

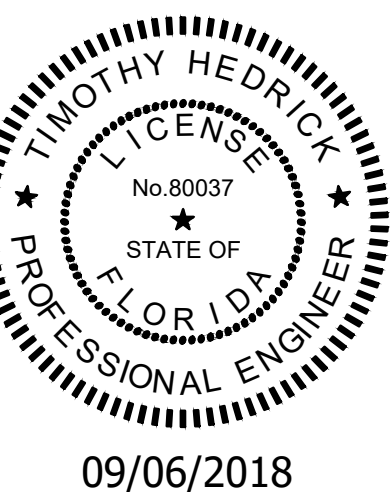
# PHASE 5 SMOKE CONTROL MONITOR PANEL

Client:



Consultants:

EOR Stamp:



Date:

Project:  
Orange County Convention Center  
NS Smoke Control Design Phase

Location:  
9400 Universal Blvd, Orlando  
FL 32819

Issuance:  
BID/PERMIT DOCUMENTS

Revisions:

#	Date	Description
1	04.16.18	
2	09.06.18	PERMIT & OWNER COMMENTS

Date:

05.21.2017

Project Number:

17.OCCC.019

Drawn By:

ME

Checked By:

DL

SMOKE CONTROL  
PANEL LAYOUT

Sheet No.:

E904

## AHU'S

EQUIP ID	AREA	ON	OFF	NORM	FAULT
AHU-N1.2	LVL1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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AHU-N1.6	LVL1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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AHU-M1.3	LVL1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AHU-M1.4	LVL1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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AHU-M1.8	LVL1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AHU-M1.10	LVL1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AHU-M1.11	LVL1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AHU-M1.14	LVL1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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AHU-N1.9	LVL1/I	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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AHU-M1.5	LVL1/J	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AHU-M1.7	LVL1/J	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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## AHU'S

EQUIP ID	AREA	ON	OFF	NORM	FAULT
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AHU-S1.8	LVL1/K	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AHU-S1.10	LVL1/K	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AHU-S1.11	LVL1/K	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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AHU-N3.4	LVL2/N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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## FAN'S

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SF-M5.2	LVL 0/A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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EF-M5.8	LVL 0/A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-M5.9	LVL 0/A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SF-N5.1	LVL 0/B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.16	LVL 0/B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SF-N5.2	LVL 0/C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.17	LVL 0/C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SF-N5.3	LVL 0/D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.18	LVL 0/D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SF-S5.1	LVL 0/E	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.17	LVL 0/E	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SF-S5.2	LVL 0/F	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.18	LVL 0/F	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SF-S5.3	LVL 0/G	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.19	LVL 0/G	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-M5.3	LVL 1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-W5.2	LVL 1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.20	LVL 1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.38	LVL 1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.6	LVL 1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.7	LVL 1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.8	LVL 1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.9	LVL 1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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EF-N5.11	LVL 1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-M5.2	LVL 1/I	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-M5.4	LVL 1/I	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.23	LVL 1/I	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.12	LVL 1/I	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## FAN'S

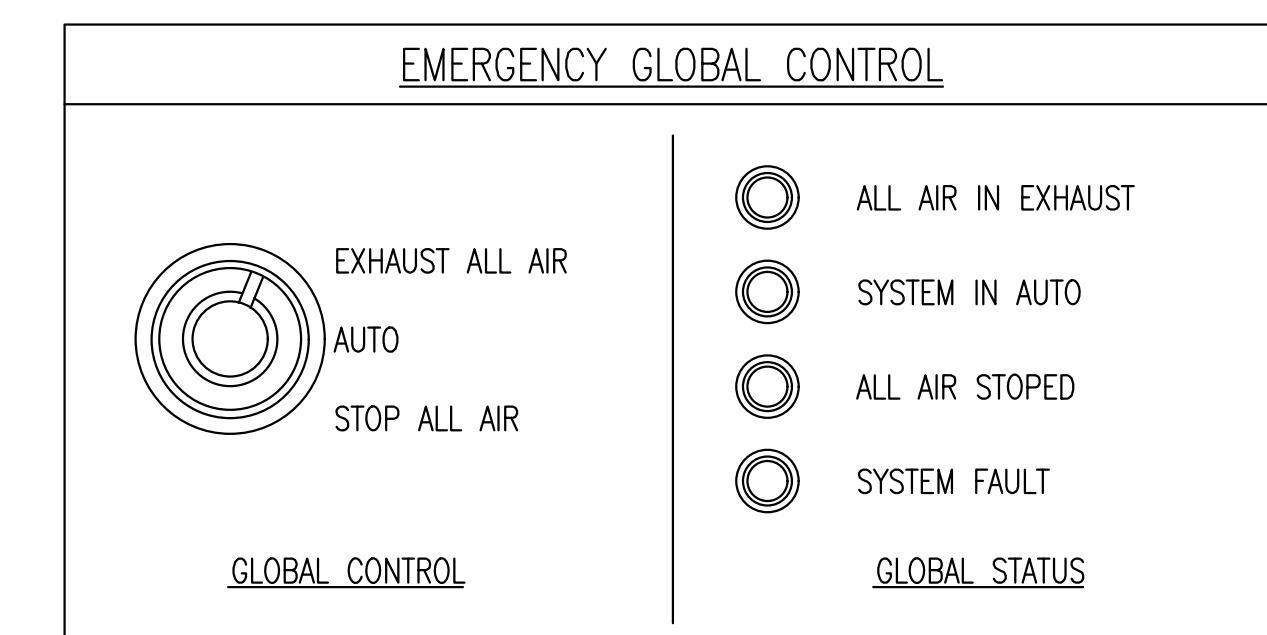
EQUIP ID	AREA	ON	OFF	NORM	FAULT
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EF-N5.14	LVL 1/I	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.15	LVL 1/I	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-W5.3	LVL 1/J	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-M5.5	LVL 1/J	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.21	LVL 1/J	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.41	LVL 1/J	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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EF-S5.8	LVL 1/J	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.9	LVL 1/J	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.10	LVL 1/J	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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EF-M5.1	LVL 1/K	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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EF-S5.24	LVL 1/K	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.13	LVL 1/K	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.14	LVL 1/K	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.15	LVL 1/K	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.16	LVL 1/K	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.24	LVL 1/L	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.25	LVL 1/L	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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EF-N5.27	LVL 1/L	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.28	LVL 1/L	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.25	LVL 1/M	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.26	LVL 1/M	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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EF-S5.29	LVL 1/M	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.30	LVL 1/M	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## FAN'S

EQUIP ID	AREA	ON	OFF	NORM	FAULT
EF-N5.19	LVL2/N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.21	LVL2/N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.37	LVL2/N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.1	LVL2/N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.2	LVL2/N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.3	LVL2/N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.4	LVL2/N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-N5.5	LVL2/N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.20	LVL2/O	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.22	LVL2/O	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.39	LVL2/O	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.1	LVL2/O	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.2	LVL2/O	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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EF-S5.5	LVL2/O	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EF-S5.6	LVL2/O	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## DOOR'S

EQUIP ID	AREA	ON	OFF	NORM	FAULT
EXHIBIT HALL NA DOOR GROUP 1	LVL1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EXHIBIT HALL NA DOOR GROUP 2	LVL1/H	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EXHIBIT HALL NB DOOR GROUP 3	LVL1/I	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EXHIBIT HALL NB DOOR GROUP 4	LVL1/I	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EXHIBIT HALL SB DOOR GROUP 5	LVL1/K	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EXHIBIT HALL SB DOOR GROUP 6	LVL1/K	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EXHIBIT HALL SA DOOR GROUP 7	LVL1/J	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EXHIBIT HALL SA DOOR GROUP 8	LVL1/J	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ATRIUM N DOOR GROUP 9	LVL2/N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ATRIUM N DOOR GROUP 10	LVL2/N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ATRIUM N DOOR GROUP 11	LVL2/N	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ATRIUM S DOOR GROUP 12	LVL2/O	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ATRIUM S DOOR GROUP 13	LVL2/O	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ATRIUM S DOOR GROUP 14	LVL2/O	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



NOTE: ALL LIGHT COLORS SHALL BE SPECIFIC COLORS IN ACCORDANCE WITH FBC SECTION 909.16.1.

- EQUIPMENT OPERATING IN NORMAL STATUS INDICATED WITH WHITE.
- EQUIPMENT OPERATING IN OFF/CLOSED STATUS INDICATED WITH RED.
- EQUIPMENT OPERATING IN ON/OPEN STATUS INDICATED WITH GREEN.
- EQUIPMENT OPERATING IN FAULT STATUS INDICATED WITH YELLOW/AMBER.

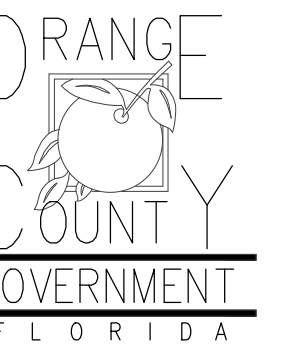
ALL SPECIFIED AND INDICATED EQUIPMENT OF THE CONSTRUCTION DOCUMENTS IS APPROVED BY THE FOLLOWING MANUFACTURERS:

- EDWARDS SYSTEMS TECHNOLOGIES (EST)
- SIEMENS BUILDING TECHNOLOGIES, INC. FIRE SAFETY DIVISION
- SIMPLEX-GRIFFIN, L.P. A TYCO INTERNATIONAL COMPANY

ANY INTERFACES BETWEEN THE SMOKE CONTROL SYSTEM AND THE EXISTING INSTALLED FIRE ALARM SYSTEM COMPONENTS SHALL BE SEAMLESS AND WITHOUT EXCESSIVE MARKUP FOR REQUIRED INTERFACE COMPONENTS.

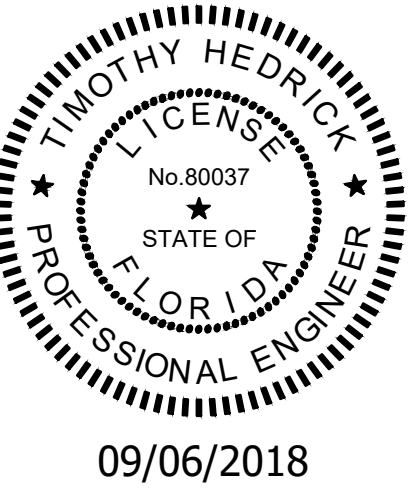
# PHASE 5 SMOKE CONTROL MONITOR PANEL

Client:



Consultants:

EOR Stamp:



Project:

Orange County  
Convention Center  
NS Smoke Control  
Design Phase

Location:

9400 Universal Blvd, Orlando  
FL 32819

Issuance:

BID/PERMIT  
DOCUMENTS

Revisions:

#	Date	Description
△ 04.16.18		
△ 09.06.18		PERMIT & OWNER COMMENTS

Date:

05.21.2017

Project Number:

17.OCCC.019

Drawn By:

ME

Checked By:

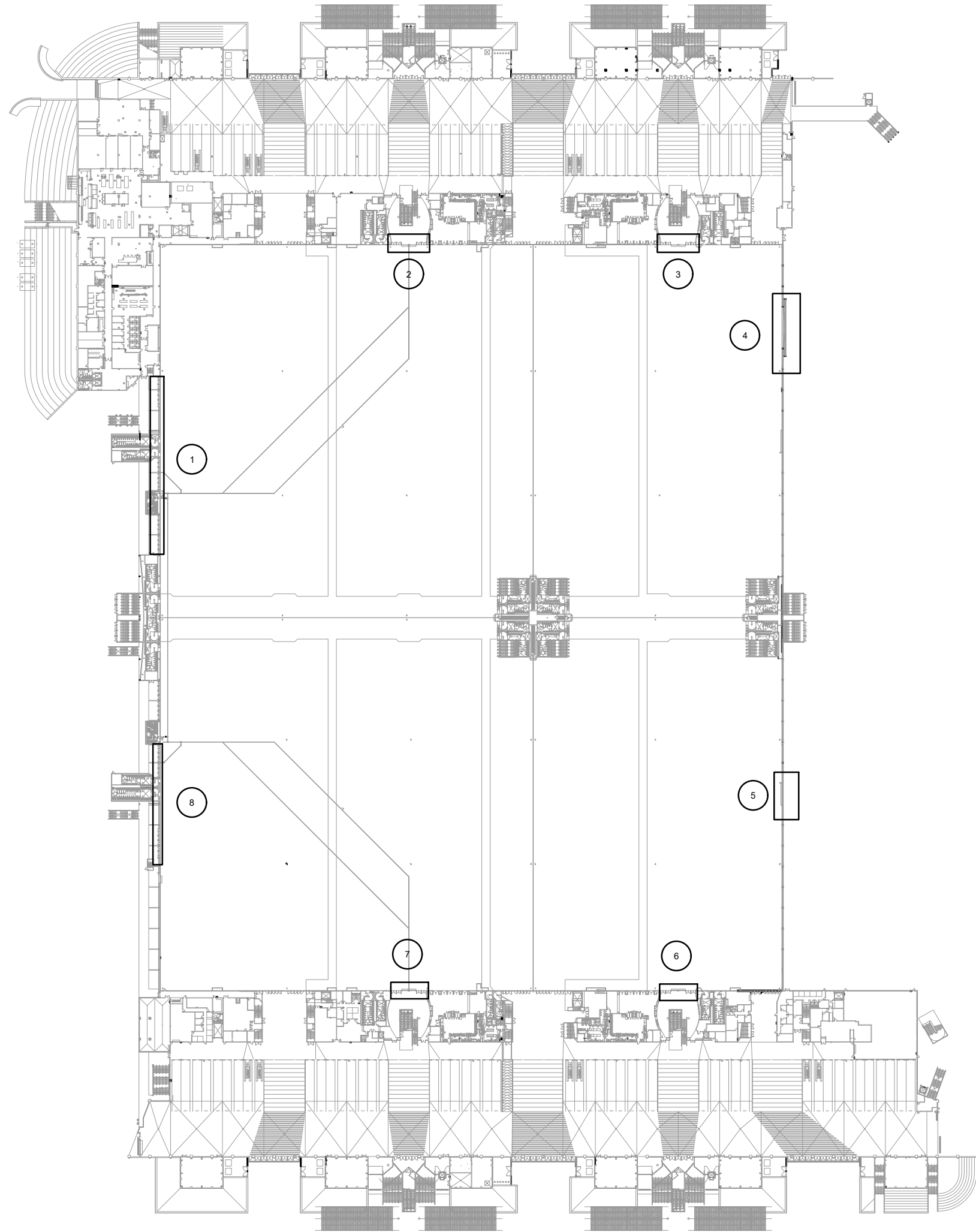
DL

**SMOKE CONTROL  
PANEL LAYOUT**

Sheet No.:

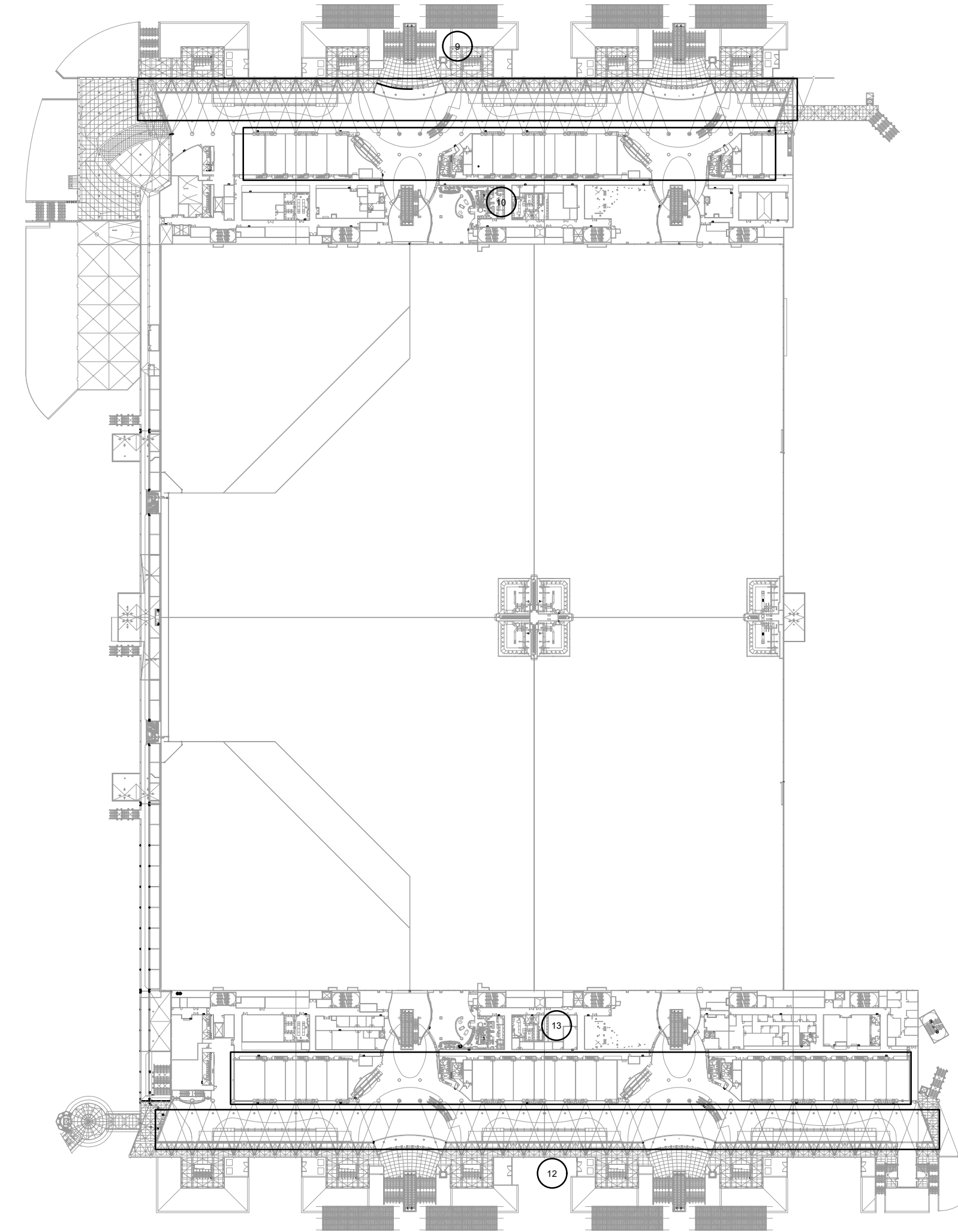
**E905**

DOOR GROUP LOCATIONS



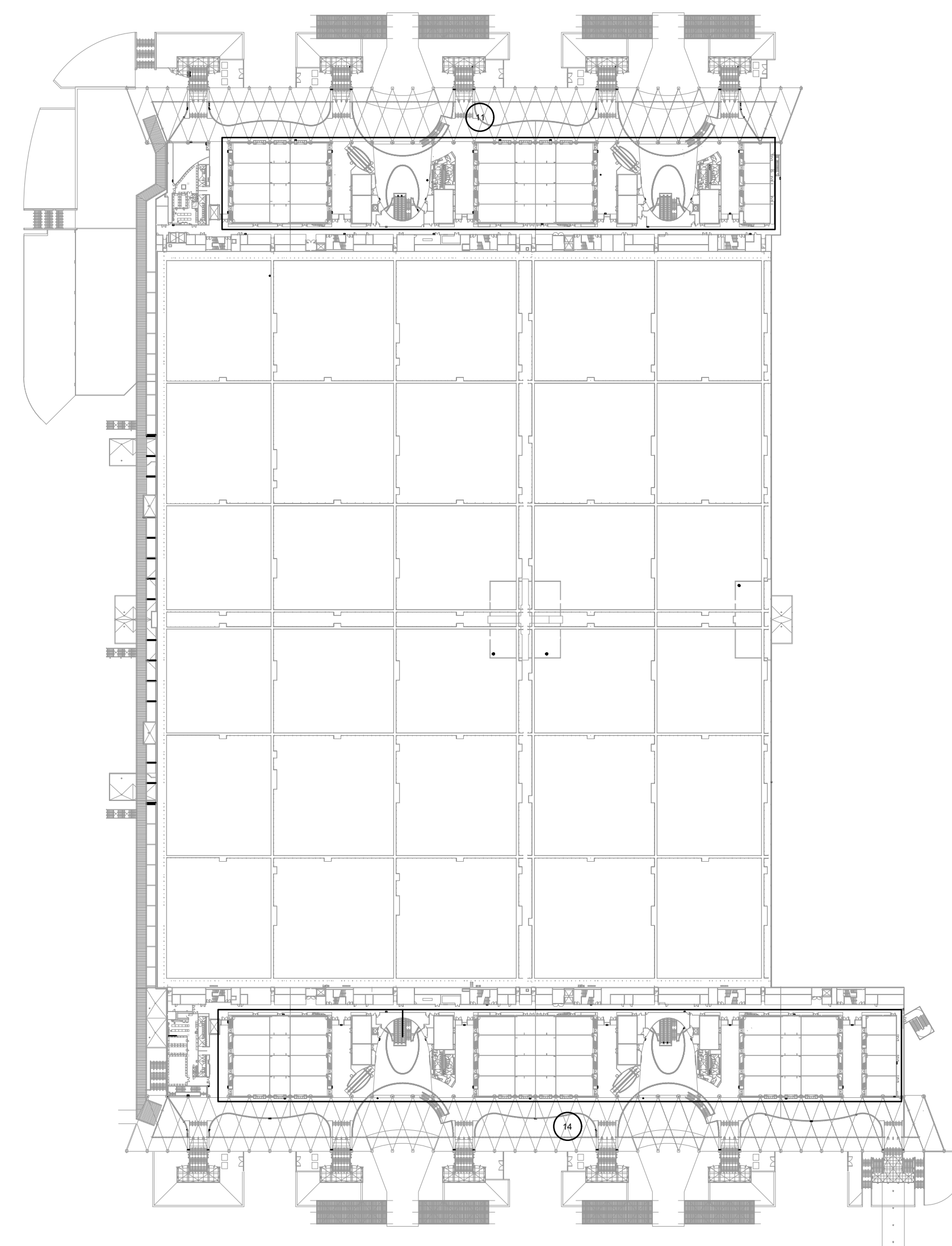
**LEVEL 1 -  
EXHIBIT**

DOOR GROUP LOCATIONS



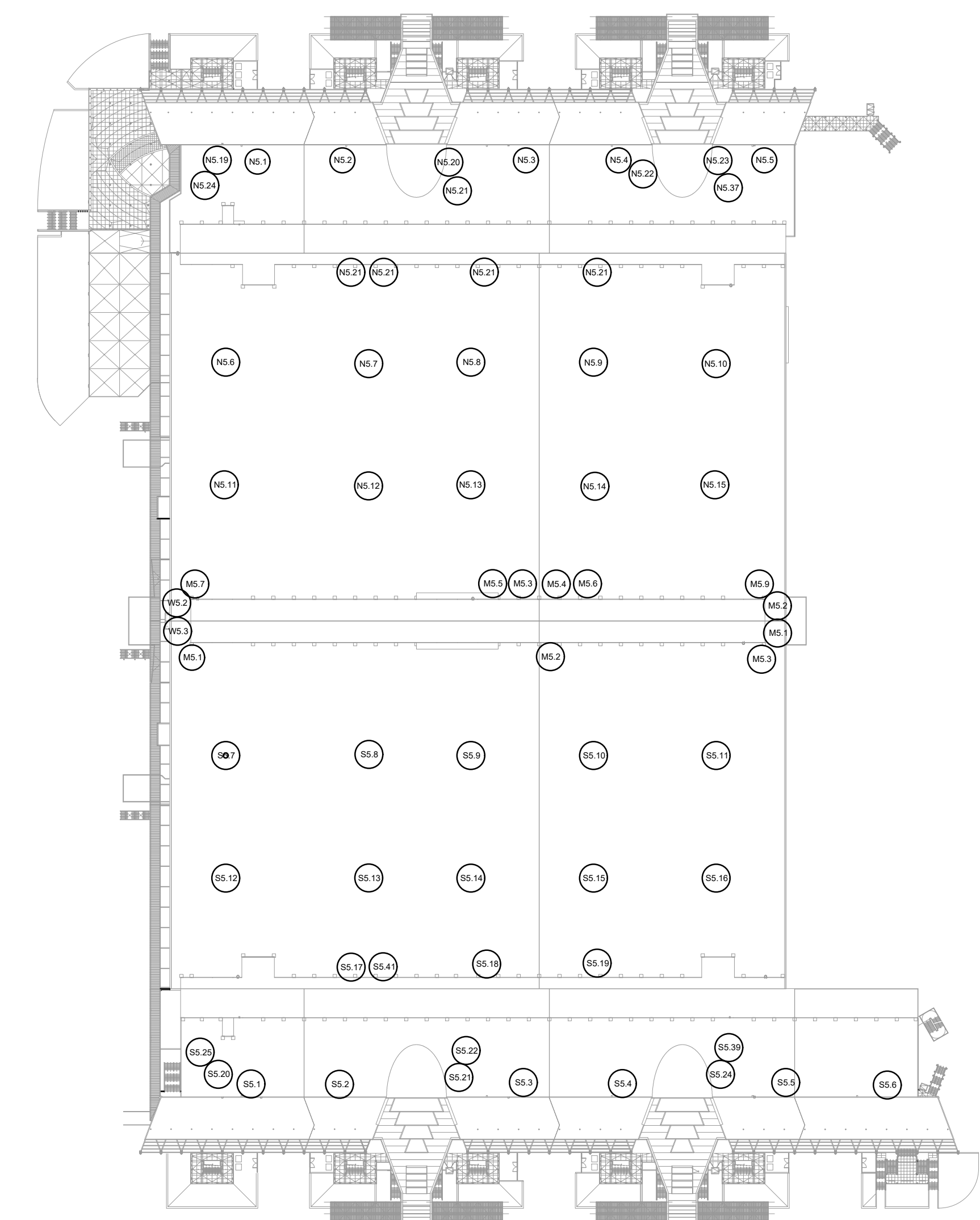
**LEVEL 2 -  
CONCOURSE**

DOOR GROUP LOCATIONS



**LEVEL 3 -  
MEZZANINE**

EXHAUST FAN LOCATIONS



**LEVEL 4 -  
ROOF**

2'-8"

NOTE: ALL LIGHT COLORS SHALL BE SPECIFIC COLORS IN ACCORDANCE WITH FBC SECTION 909.16.1.

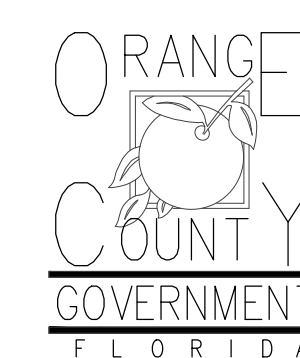
- EQUIPMENT OPERATING IN NORMAL STATUS INDICATED WITH WHITE.
- EQUIPMENT OPERATING IN OFF/CLOSED STATUS INDICATED WITH RED.
- EQUIPMENT OPERATING IN ON/OPEN STATUS INDICATED WITH GREEN.
- EQUIPMENT OPERATING IN FAULT STATUS INDICATED WITH YELLOW/AMBER.

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- SIEMENS BUILDING TECHNOLOGIES, INC. FIRE SAFETY DIVISION
- SIMPLEX-GRINNELL LP, A TYCO INTERNATIONAL COMPANY

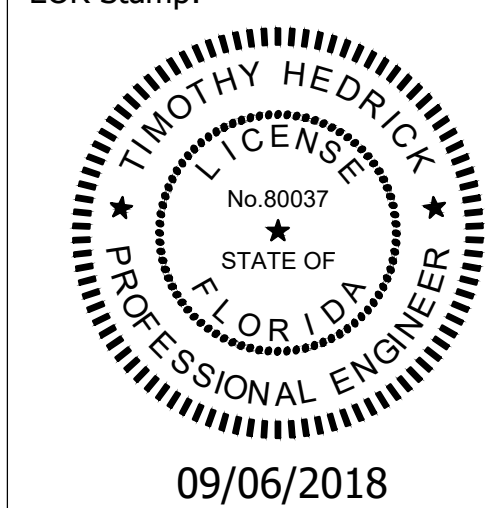
ANY INTERFACES BETWEEN THE SMOKE CONTROL SYSTEM AND THE EXISTING INSTALLED FIRE ALARM SYSTEM COMPONENTS SHALL BE SEAMLESS AND WITHOUT EXCESSIVE MARKUP FOR REQUIRED INTERFACE COMPONENTS.

Client:



Consultants:

EOR Stamp:



Project:

**Orange County  
 Convention Center  
 NS Smoke Control  
 Design Phase**

Location:  
 9400 Universal Blvd, Orlando  
 FL 32819

Issuance:  
**BID/PERMIT  
 DOCUMENTS**

Revisions:

#	Date	Description
△ 04.16.18		
△ 09.06.18		PERMIT & OWNER COMMENTS

Date:  
 05.21.2017

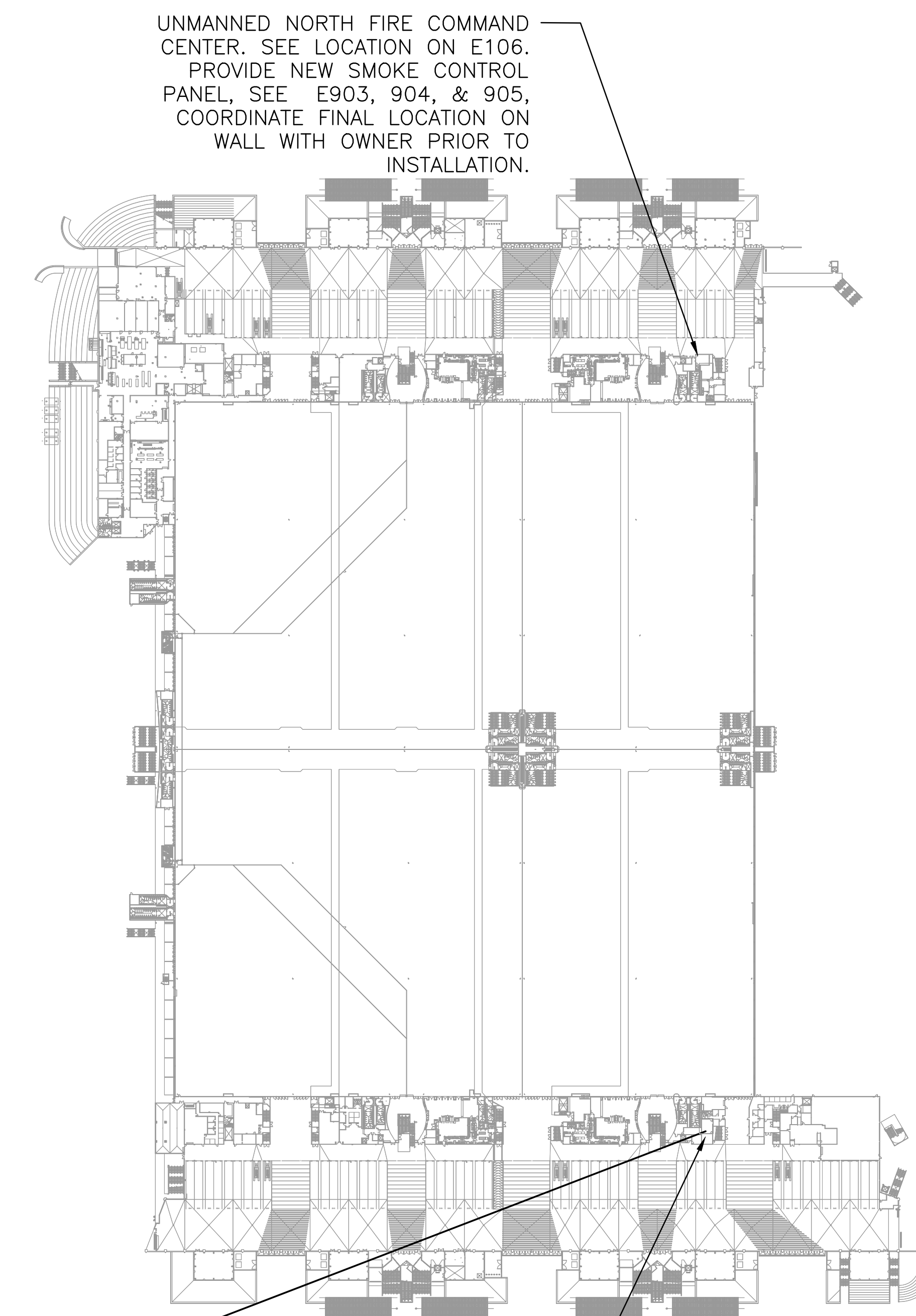
Project Number:  
 17.0CCC.019

Drawn By: ME      Checked By: DL

**SMOKE CONTROL  
 PANEL LAYOUT**

Sheet No.:

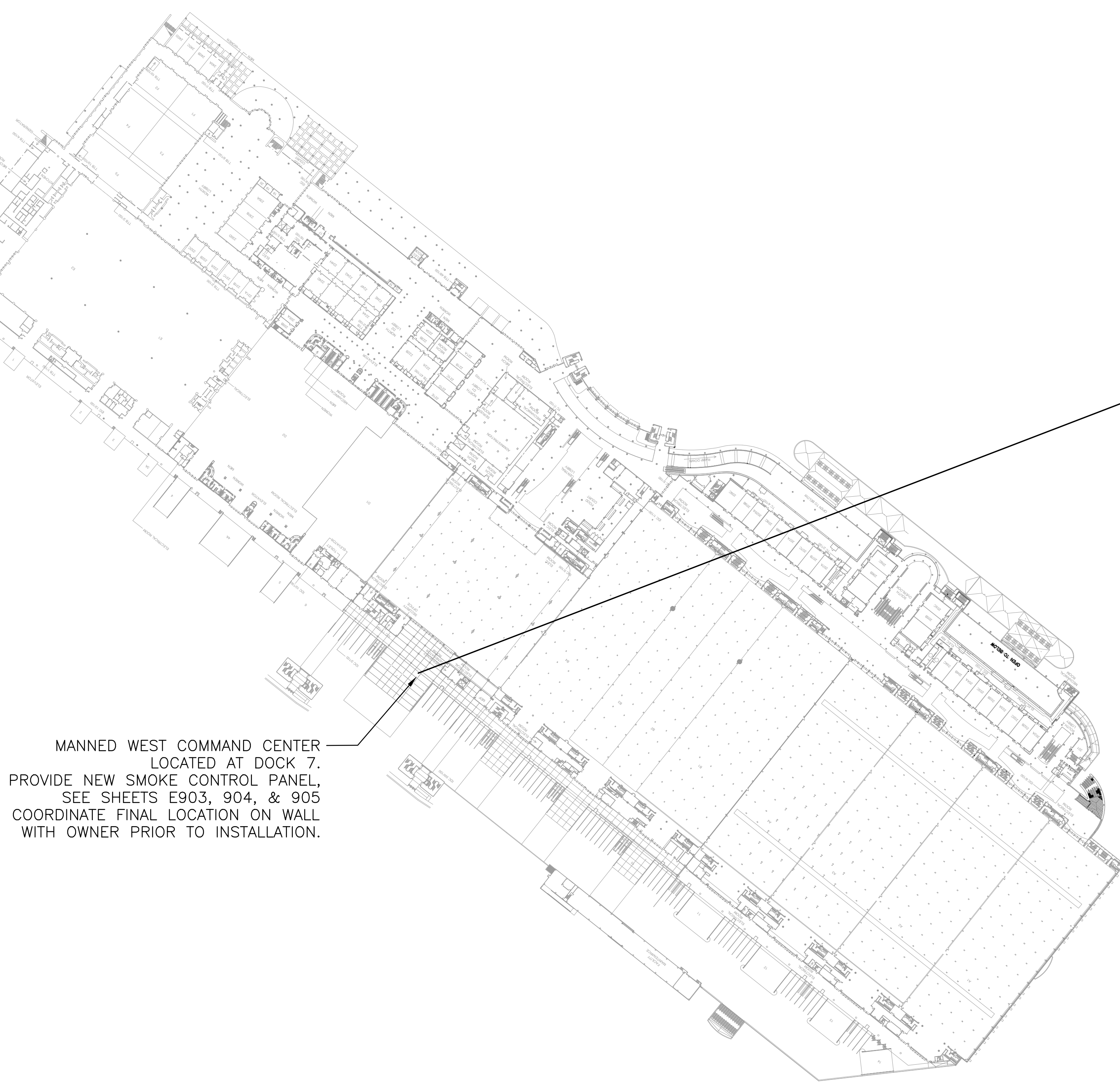
**E906**



UNMANNED NORTH FIRE COMMAND CENTER. SEE LOCATION ON E106. PROVIDE NEW SMOKE CONTROL PANEL, SEE E903, 904, & 905. COORDINATE FINAL LOCATION ON WALL WITH OWNER PRIOR TO INSTALLATION.

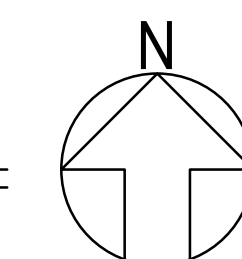
UNMANNED SOUTH FIRE COMMAND CENTER. SEE LOCATION ON E106. PROVIDE NEW SMOKE CONTROL PANEL, SEE E903, 904, & 905. COORDINATE FINAL LOCATION ON WALL WITH OWNER PRIOR TO INSTALLATION.

EXISTING FIBER CONNECTION BETWEEN N/S AND WEST BUILDINGS FOR FIRE ALARM COMMUNICATIONS.



MANNED WEST COMMAND CENTER LOCATED AT DOCK 7. PROVIDE NEW SMOKE CONTROL PANEL, SEE SHEETS E903, 904, & 905. COORDINATE FINAL LOCATION ON WALL WITH OWNER PRIOR TO INSTALLATION.

1 OVERALL BUILDINGS PLAN  
 SCALE: 1"=150'-0"



△ ALL SPECIFIED AND INDICATED EQUIPMENT OF THE CONSTRUCTION DOCUMENTS IS APPROVED BY THE FOLLOWING MANUFACTURERS:  
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 • SIEMENS BUILDING TECHNOLOGIES, INC. FIRE SAFETY DIVISION  
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 ANY INTERFACES BETWEEN THE SMOKE CONTROL SYSTEM AND THE EXISTING INSTALLED FIRE ALARM SYSTEM COMPONENTS SHALL BE SEAMLESS AND WITHOUT EXCESSIVE MARKUP FOR REQUIRED INTERFACE COMPONENTS.