

MEDICAL SCHOOL BUILDING

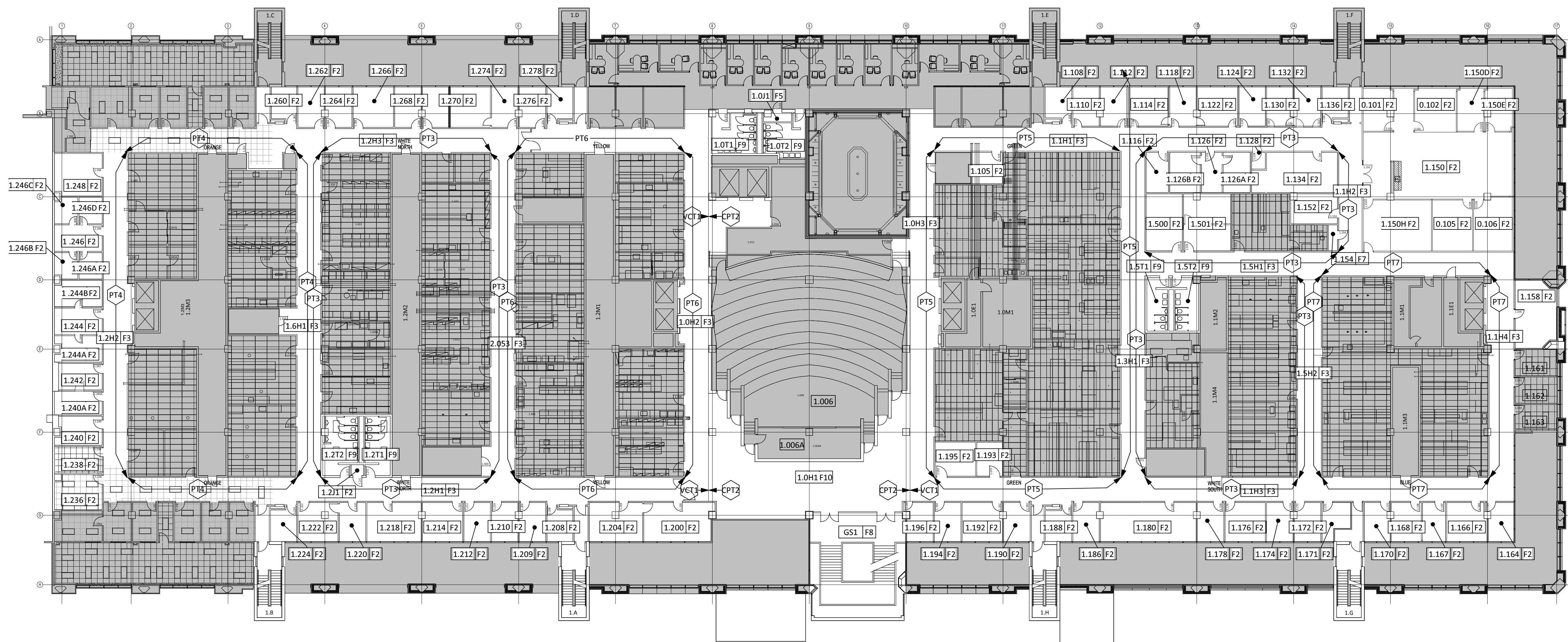
AIR DISTRIBUTION

UPGRADES FLOORS 1-4

SHEET LIST

AME 000	COVER SHEET AND DRAWING INDEX	A 1.72A	REFLECTED CEILING PLAN - LEVEL 4 AREA A - DEMOLITION	A 1.69A	REFLECTED CEILING PLAN - LEVEL 3 AREA A - NEW	ME 000	MECHANICAL & ELECTRICAL SYMBOLS & ABBREVIATIONS	E 2.31	THIRD FLOOR LIGHTING RENO RCP AREA A	M 2.11	FIRST FLOOR MECHANICAL RENO AREA A
A 1.42	FINISH PLAN - LEVEL 1	A 1.72B	REFLECTED CEILING PLAN - LEVEL 4 AREA B - DEMOLITION	A 1.69B	REFLECTED CEILING PLAN - LEVEL 3 AREA B - NEW	E 1.11	FIRST FLOOR LIGHTING DEMO RCP AREA A	E 2.32	THIRD FLOOR LIGHTING RENO RCP AREA B	M 2.12	FIRST FLOOR MECHANICAL RENO AREA B
A 1.43	FINISH PLAN - LEVEL 2	A 1.72C	REFLECTED CEILING PLAN - LEVEL 4 AREA C - DEMOLITION	A 1.69C	REFLECTED CEILING PLAN - LEVEL 3 AREA C - NEW	E 1.12	FIRST FLOOR LIGHTING DEMO RCP AREA B	E 2.33	THIRD FLOOR LIGHTING RENO RCP AREA C	M 2.13	FIRST FLOOR MECHANICAL RENO AREA C
A 1.44	FINISH PLAN - LEVEL 3	A 1.72D	REFLECTED CEILING PLAN - LEVEL 4 AREA D - DEMOLITION	A 1.69D	REFLECTED CEILING PLAN - LEVEL 3 AREA D - NEW	E 1.13	FIRST FLOOR LIGHTING DEMO RCP AREA C	E 2.34	THIRD FLOOR LIGHTING RENO RCP AREA D	M 2.14	FIRST FLOOR MECHANICAL RENO AREA D
A 1.45	FINISH PLAN - LEVEL 4	A 1.72E	REFLECTED CEILING PLAN - LEVEL 4 AREA E - DEMOLITION	A 1.69E	REFLECTED CEILING PLAN - LEVEL 3 AREA E - NEW	E 1.14	FIRST FLOOR LIGHTING DEMO RCP AREA D	E 2.35	THIRD FLOOR LIGHTING RENO RCP AREA E	M 2.15	FIRST FLOOR MECHANICAL RENO AREA E
A 1.66A	REFLECTED CEILING PLAN - LEVEL 1 AREA A - DEMOLITION	A 1.72F	REFLECTED CEILING PLAN - LEVEL 4 AREA F - DEMOLITION	A 1.69F	REFLECTED CEILING PLAN - LEVEL 3 AREA F - NEW	E 1.15	FIRST FLOOR LIGHTING DEMO RCP AREA E	E 2.36	THIRD FLOOR LIGHTING RENO RCP AREA F	M 2.16	FIRST FLOOR MECHANICAL RENO AREA F
A 1.66B	REFLECTED CEILING PLAN - LEVEL 1 AREA B - DEMOLITION	A 1.65A	REFLECTED CEILING PLAN - LEVEL 1 AREA A - NEW	A 1.71A	REFLECTED CEILING PLAN - LEVEL 4 AREA A - NEW	E 1.21	SECOND FLOOR LIGHTING DEMO RCP AREA A	E 2.41	FOURTH FLOOR LIGHTING RENO RCP AREA A	M 2.21	SECOND FLOOR MECHANICAL RENO AREA A
A 1.66C	REFLECTED CEILING PLAN - LEVEL 1 AREA C - DEMOLITION	A 1.65B	REFLECTED CEILING PLAN - LEVEL 1 AREA B - NEW	A 1.71B	REFLECTED CEILING PLAN - LEVEL 4 AREA B - NEW	E 1.22	SECOND FLOOR LIGHTING DEMO RCP AREA B	E 2.42	FOURTH FLOOR LIGHTING RENO RCP AREA B	M 2.22	SECOND FLOOR MECHANICAL RENO AREA B
A 1.66D	REFLECTED CEILING PLAN - LEVEL 1 AREA D - DEMOLITION	A 1.65C	REFLECTED CEILING PLAN - LEVEL 1 AREA C - NEW	A 1.71C	REFLECTED CEILING PLAN - LEVEL 4 AREA C - NEW	E 1.23	SECOND FLOOR LIGHTING DEMO RCP AREA C	E 2.43	FOURTH FLOOR LIGHTING RENO RCP AREA C	M 2.23	SECOND FLOOR MECHANICAL RENO AREA C
A 1.66E	REFLECTED CEILING PLAN - LEVEL 1 AREA E - DEMOLITION	A 1.65D	REFLECTED CEILING PLAN - LEVEL 1 AREA D - NEW	A 1.71D	REFLECTED CEILING PLAN - LEVEL 4 AREA D - NEW	E 1.24	SECOND FLOOR LIGHTING DEMO RCP AREA D	E 2.44	FOURTH FLOOR LIGHTING RENO RCP AREA D	M 2.24	SECOND FLOOR MECHANICAL RENO AREA D
A 1.66F	REFLECTED CEILING PLAN - LEVEL 1 AREA F - DEMOLITION	A 1.65E	REFLECTED CEILING PLAN - LEVEL 1 AREA E - NEW	A 1.71E	REFLECTED CEILING PLAN - LEVEL 4 AREA E - NEW	E 1.25	SECOND FLOOR LIGHTING DEMO RCP AREA E	E 2.45	FOURTH FLOOR LIGHTING RENO RCP AREA E	M 2.25	SECOND FLOOR MECHANICAL RENO AREA E
A 1.68A	REFLECTED CEILING PLAN - LEVEL 2 AREA A - DEMOLITION	A 1.65F	REFLECTED CEILING PLAN - LEVEL 1 AREA F - NEW	A 1.71F	REFLECTED CEILING PLAN - LEVEL 4 AREA F - NEW	E 1.26	SECOND FLOOR LIGHTING DEMO RCP AREA F	E 2.46	FOURTH FLOOR LIGHTING RENO RCP AREA F	M 2.26	SECOND FLOOR MECHANICAL RENO AREA F
A 1.68B	REFLECTED CEILING PLAN - LEVEL 2 AREA B - DEMOLITION	A 1.67A	REFLECTED CEILING PLAN - LEVEL 2 AREA A - NEW			E 1.31	THIRD FLOOR LIGHTING DEMO RCP AREA A	M 1.11	FIRST FLOOR MECHANICAL DEMO AREA A	M 2.31	THIRD FLOOR MECHANICAL DEMO AREA A
A 1.68C	REFLECTED CEILING PLAN - LEVEL 2 AREA C - DEMOLITION	A 1.67B	REFLECTED CEILING PLAN - LEVEL 2 AREA B - NEW			E 1.32	THIRD FLOOR LIGHTING DEMO RCP AREA B	M 1.12	FIRST FLOOR MECHANICAL DEMO AREA B	M 2.32	THIRD FLOOR MECHANICAL DEMO AREA B
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A 1.68E	REFLECTED CEILING PLAN - LEVEL 2 AREA E - DEMOLITION	A 1.67D	REFLECTED CEILING PLAN - LEVEL 2 AREA D - NEW			E 1.34	THIRD FLOOR LIGHTING DEMO RCP AREA D	M 1.14	FIRST FLOOR MECHANICAL DEMO AREA D	M 2.34	THIRD FLOOR MECHANICAL DEMO AREA D
A 1.68F	REFLECTED CEILING PLAN - LEVEL 2 AREA F - DEMOLITION	A 1.67E	REFLECTED CEILING PLAN - LEVEL 2 AREA E - NEW			E 1.35	THIRD FLOOR LIGHTING DEMO RCP AREA E	M 1.15	FIRST FLOOR MECHANICAL DEMO AREA E	M 2.35	THIRD FLOOR MECHANICAL DEMO AREA E
A 1.70A	REFLECTED CEILING PLAN - LEVEL 3 AREA A - DEMOLITION	A 1.67F	REFLECTED CEILING PLAN - LEVEL 2 AREA F - NEW			E 1.36	THIRD FLOOR LIGHTING DEMO RCP AREA F	M 1.16	FIRST FLOOR MECHANICAL DEMO AREA F	M 2.36	THIRD FLOOR MECHANICAL DEMO AREA F
A 1.70B	REFLECTED CEILING PLAN - LEVEL 3 AREA B - DEMOLITION					E 1.41	FOURTH FLOOR LIGHTING DEMO RCP AREA A	M 1.21	SECOND FLOOR MECHANICAL DEMO AREA A	M 2.41	FOURTH FLOOR MECHANICAL DEMO AREA A
A 1.70C	REFLECTED CEILING PLAN - LEVEL 3 AREA C - DEMOLITION					E 1.42	FOURTH FLOOR LIGHTING DEMO RCP AREA B	M 1.22	SECOND FLOOR MECHANICAL DEMO AREA B	M 2.42	FOURTH FLOOR MECHANICAL DEMO AREA B
A 1.70D	REFLECTED CEILING PLAN - LEVEL 3 AREA D - DEMOLITION					E 1.43	FOURTH FLOOR LIGHTING DEMO RCP AREA C	M 1.23	SECOND FLOOR MECHANICAL DEMO AREA C	M 2.43	FOURTH FLOOR MECHANICAL DEMO AREA C
A 1.70E	REFLECTED CEILING PLAN - LEVEL 3 AREA E - DEMOLITION					E 1.44	FOURTH FLOOR LIGHTING DEMO RCP AREA D	M 1.24	SECOND FLOOR MECHANICAL DEMO AREA D	M 2.44	FOURTH FLOOR MECHANICAL DEMO AREA D
A 1.70F	REFLECTED CEILING PLAN - LEVEL 3 AREA F - DEMOLITION					E 1.45	FOURTH FLOOR LIGHTING DEMO RCP AREA E	M 1.25	SECOND FLOOR MECHANICAL DEMO AREA E	M 2.45	FOURTH FLOOR MECHANICAL DEMO AREA E
						E 1.46	FOURTH FLOOR LIGHTING DEMO RCP AREA F	M 1.26	SECOND FLOOR MECHANICAL DEMO AREA F	M 2.46	FOURTH FLOOR MECHANICAL DEMO AREA F
						E 2.11	FIRST FLOOR LIGHTING RENO RCP AREA A	M 1.31	THIRD FLOOR MECHANICAL DEMO AREA A	M 4.01	MECHANICAL SCHEDULES
						E 2.12	FIRST FLOOR LIGHTING RENO RCP AREA B	M 1.32	THIRD FLOOR MECHANICAL DEMO AREA B	M 4.02	MECHANICAL SCHEDULES
						E 2.13	FIRST FLOOR LIGHTING RENO RCP AREA C	M 1.33	THIRD FLOOR MECHANICAL DEMO AREA C	M 4.03	MECHANICAL SCHEDULES
						E 2.14	FIRST FLOOR LIGHTING RENO RCP AREA D	M 1.34	THIRD FLOOR MECHANICAL DEMO AREA D	M 4.04	MECHANICAL SCHEDULES
						E 2.15	FIRST FLOOR LIGHTING RENO RCP AREA E	M 1.35	THIRD FLOOR MECHANICAL DEMO AREA E	M 5.01	MECHANICAL DETAILS
						E 2.16	FIRST FLOOR LIGHTING RENO RCP AREA F	M 1.36	THIRD FLOOR MECHANICAL DEMO AREA F	M 6.01	MECHANICAL CONTROL DIAGRAM
						E 2.21	SECOND FLOOR LIGHTING RENO RCP AREA A	M 1.41	FOURTH FLOOR MECHANICAL DEMO AREA A		
						E 2.22	SECOND FLOOR LIGHTING RENO RCP AREA B	M 1.42	FOURTH FLOOR MECHANICAL DEMO AREA B		
						E 2.23	SECOND FLOOR LIGHTING RENO RCP AREA C	M 1.43	FOURTH FLOOR MECHANICAL DEMO AREA C		
						E 2.24	SECOND FLOOR LIGHTING RENO RCP AREA D	M 1.44	FOURTH FLOOR MECHANICAL DEMO AREA D		
						E 2.25	SECOND FLOOR LIGHTING RENO RCP AREA E	M 1.45	FOURTH FLOOR MECHANICAL DEMO AREA E		
						E 2.26	SECOND FLOOR LIGHTING RENO RCP AREA F	M 1.46	FOURTH FLOOR MECHANICAL DEMO AREA F		

P 1.00 PLUMBING FLOOR PLAN
P 1.01 PLUMBING DETAILS AND SCHEDULES



Legend - Finish Plan
 Not in Project Scope

Overall Finish Plan - Level 1

1" = 20'-0" 1

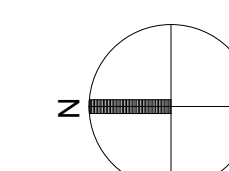
Finish Material Schedule					
Type Mark	Description	Manufacturer	Pattern/Line	Color	Notes
Floors					
CPT1	Carpet	Interface Flooring	Furrows II	9214 Georgia Clay	
CPT2	Carpet	Interface Flooring	Earth II	9246 Pampa	2
VCT1	Vinyl composition tile	Armstrong	Imperial Texture	51810 Washed Linen	2
Base					
RBC	Rubber base, cove	Roppe		P193 Black/Brown	3
RBS	Rubber base, cove	Roppe		114 Lunar Dust	
Walls					
PT1	Paint	Sherwin Williams	Semi-gloss	SW 7043 Worldly Gray	
PT2	Paint	Sherwin Williams	Semi-gloss	SW 7012 Creamy	
PT3	Paint	Sherwin Williams	Semi-gloss	SW 1095 UT Off-White	
PT4	Paint	Sherwin Williams	Semi-gloss	SW 6356 Copper Mountain	
PT5	Paint	Sherwin Williams	Semi-gloss	SW 6423 Rye Grass	
PT6	Paint	Sherwin Williams	Semi-gloss	SW 6380 Humble Gold	
PT7	Paint	Sherwin Williams	Semi-gloss	SW 6242 Bracing Blue	
PT8	Paint		Match Existing		
Ceilings					
ACT1	Acoustical ceiling tile	Armstrong	Fine Fissured	1732	
ACT2	Acoustical ceiling tile	Armstrong	PRELUDE XL 15/16" Exposed Tee		
Doors					
FPT1	Paint (frame)	Sherwin Williams	Semi-gloss	SW 7031 Mega Greige	1

Notes to Schedule:
 1. Provide alternate pricing for painting all existing door frames.
 2. Provide alternate pricing to install new VCT in corridors.
 3. To be provided at all locations where CPT1 is scheduled.

Room Finish Type Schedule					
Finish Type Mark	Floor	Base	Wall	Ceiling	Notes
F2	CPT1	RBC	PT1	ACT1, ACT2	
F3	VCT1	RBC	PT3, PT4, PT5, PT6, PT7	ACT1, ACT2	4
F5	-	-	-	-	2
F7	VCT1	RBC	PT1	-	
F8	CPT2	RBC	PT1	PT1, ACT1	5
F9	-	-	PT3	ACT1	3, 6
F10	CPT2	RBC	PT1	-	7

Notes to Schedule:
 1. Remove existing flooring and base. Prepare slab for new floor installation.
 2. Existing finishes in Housekeeping rooms to remain.
 3. Existing Men's and Women's toilet rooms floor and wall finishes to remain.
 4. Corridors field paint color to be PT3. See finish plan for accent paint colors. Existing flooring to remain where possible, replace damaged flooring tile as required.
 5. Provide alternate pricing for luxury vinyl tile for the Grand Stair floor finish, color and product to be selected by the Owner. Paint all existing gypsum board ceiling surfaces.
 6. Partitions for toilets to be painted according to section/department color. Coordinate with Owner.
 7. Coordinate which walls in the Auditorium corridor are to receive paint with the Owner.

General Notes:
 1. See MEP drawings for additional scope.
 2. Existing Elevator Door frames are to be painted FPT1, and existing elevator doors standpipes and recessed cabinets to be painted color of the corridor they serve, see finish plan for colors.
 3. Verify with owner extent of demolition activities.
 4. Verify with owner installation of wall mounted accessories, tack boards, signage, etc. in corridors and offices.
 5. Provide alternate pricing for removing existing and relacing all miniblinds. Contractor to verify size.
 6. Provide alternate pricing for removing existing corner guards and replacing with stainless steel corner guards throughout Levels 2-4.
 7. All emergency egress stairwell doors Level 1-4 signage to be replaced. Mounting heights to match existing. Coordinate with Owner for size and location.



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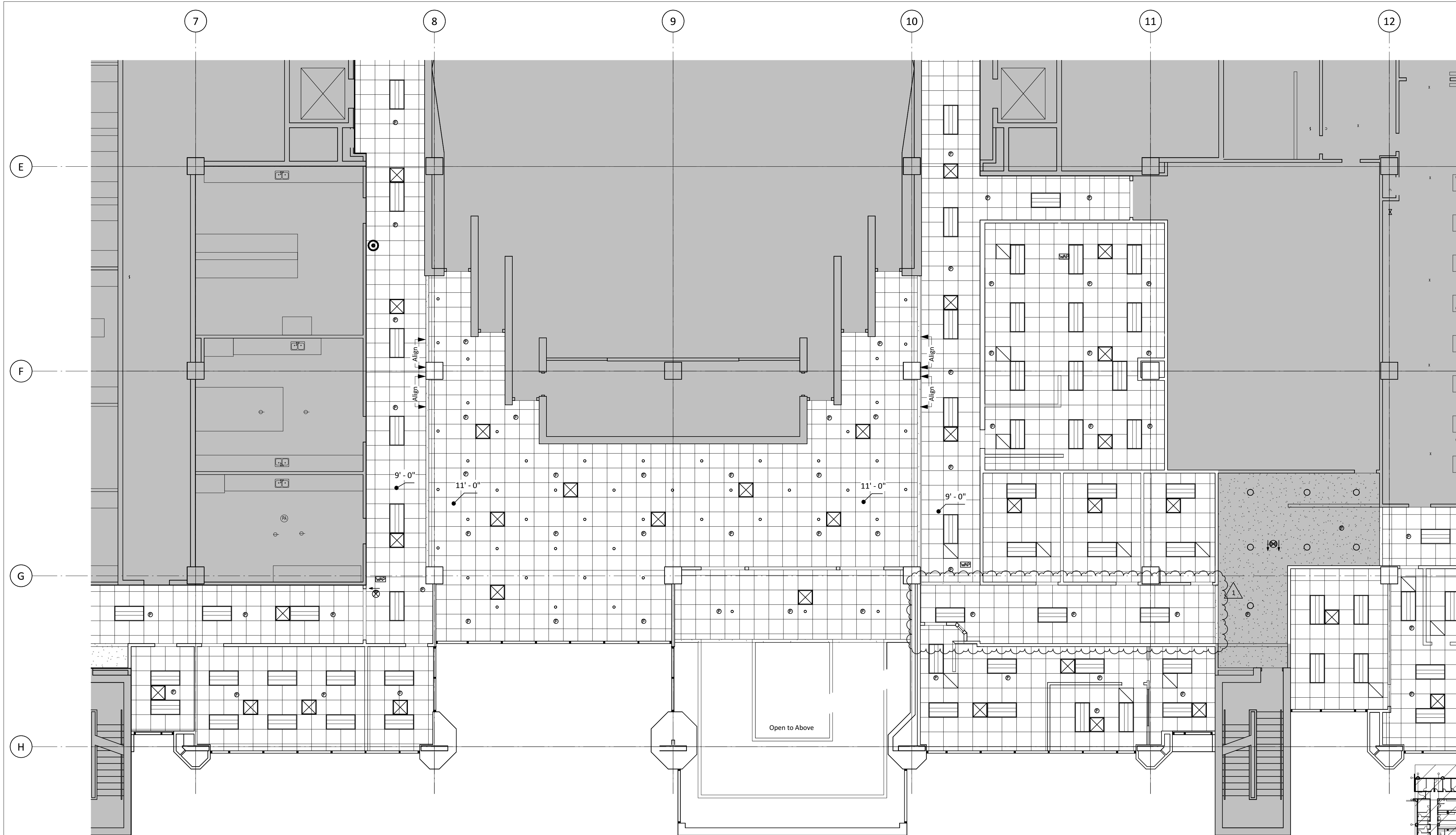
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UTHSC MSB OFFICE AIR DISTIBUTION - FLOORS 1-4

E&C PROJECT # 3300.02




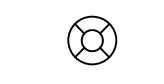







DRAWING: A-142
 REVISION: Addendum #1
 SCALE:
 DATE: 07-25-2019

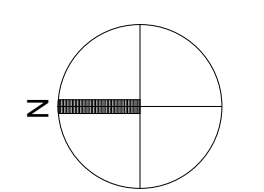
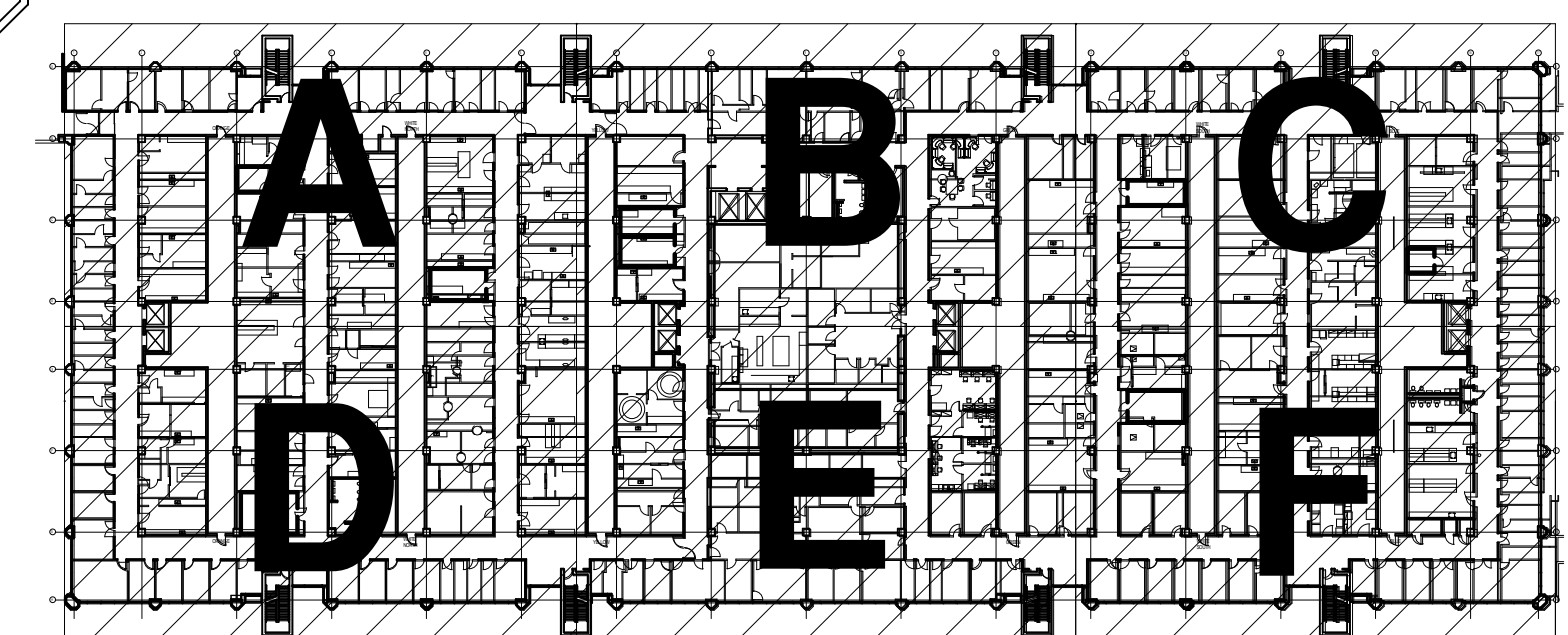


General Notes - Reflected Ceiling Plan

1. All new ceilings to be 2' x 2' lay-in acoustical ceiling tile at 9'-0" a.f.f., unless noted otherwise. See Finish Schedule for types.
2. Center all down-lights, sprinkler heads, and wall washers in center of ceiling tile, unless noted otherwise.
3. Contractor to remove, protect and reinstall all existing wireless access points, emergency showers, speakers, strobes, etc. Coordinate with Owner.

Legend - Reflected Ceiling Plan

-  New partition to structure. See 1 A-520 for partition schedule.
-  Existing Ceiling Mounted Fire Alarm Visual Strobe
-  Existing Fire Sprinkler
-  Existing Wireless Access Point
-  Existing Projector
-  Existing Speaker
-  Ceiling mounted Exit Sign
-  Existing Emergency Shower Head
-  Not in project Scope



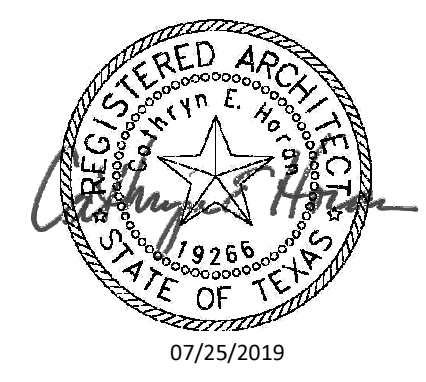
Level 2 - Area E - New

1/8" = 1'-0" 1

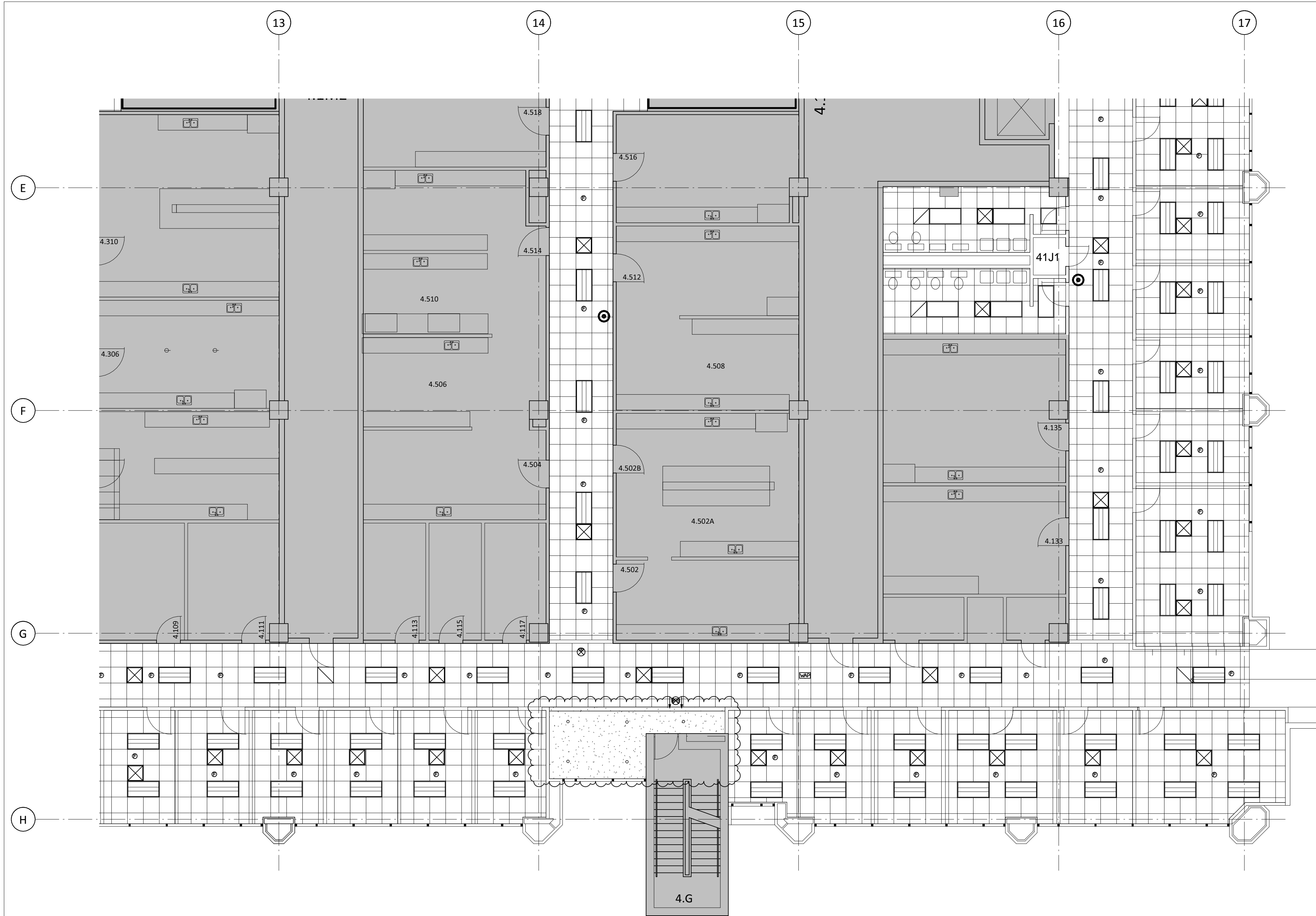
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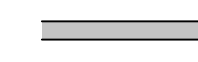








DRAWING: A-167E
REVISION: Addendum #1
SCALE:
DATE: 07-25-2019

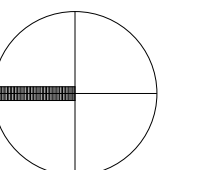
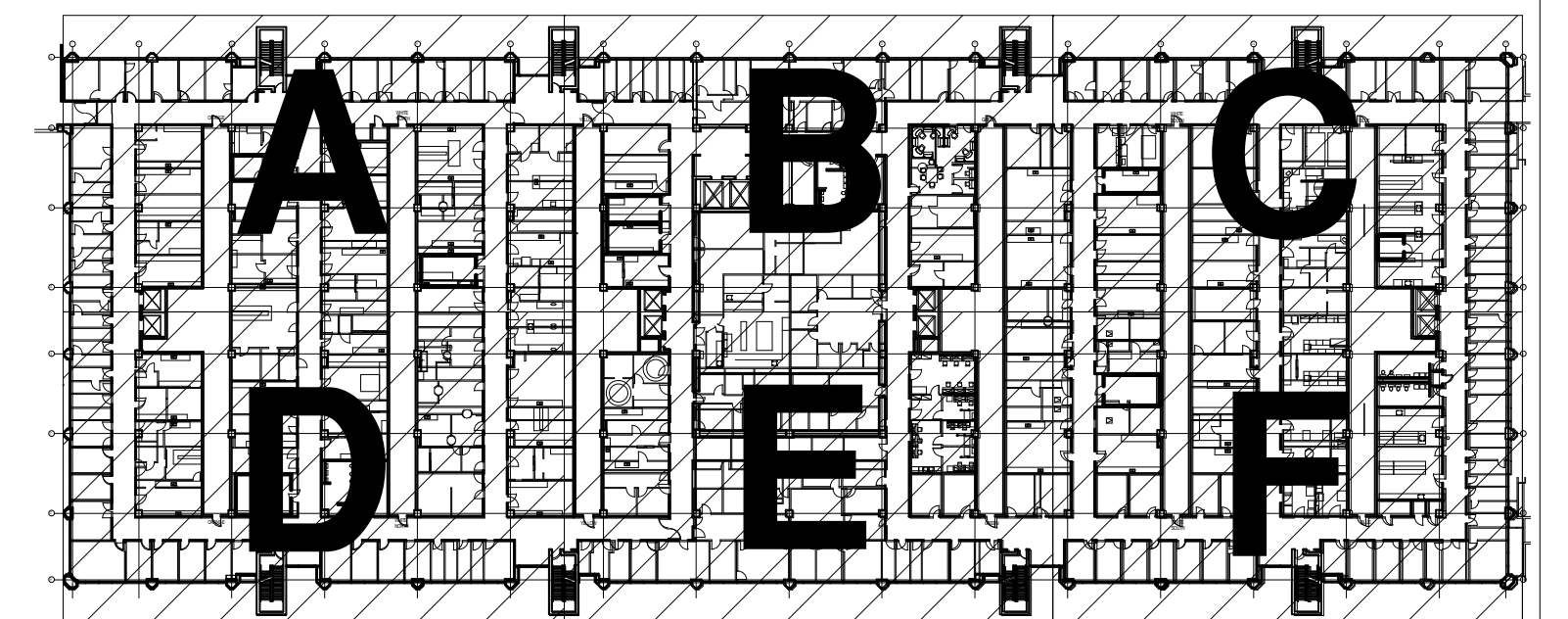


General Notes - Reflected Ceiling Plan

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2. Center all down-lights, sprinkler heads, and wall washers in center of ceiling tile, unless noted otherwise.
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Legend - Reflected Ceiling Plan

-  New partition to structure. See 1 A-520 for partition schedule.
-  Existing Ceiling Mounted Fire Alarm Visual Strobe
-  Existing Fire Sprinkler
-  Existing Wireless Access Point
-  Existing Projector
-  Existing Speaker
-  Ceiling mounted Exit Sign
-  Existing Emergency Shower Head
-  Not in project Scope



Level 4 - Area F - New

1/8" = 1'-0" 1

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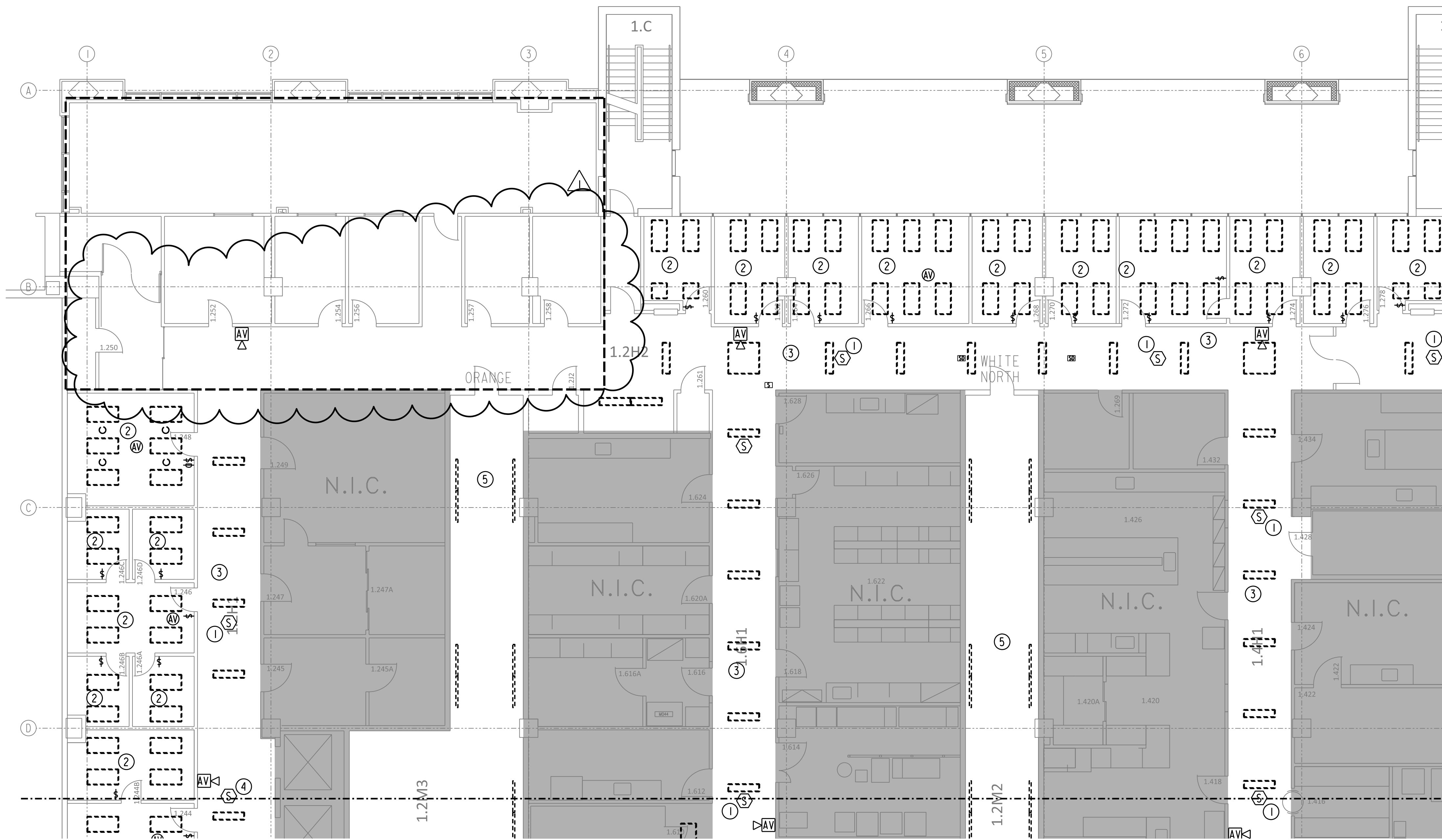
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E&C PROJECT # 3300.02



DRAWING: A-171F
REVISION: Addendum #1
SCALE:
DATE: 07-25-2019



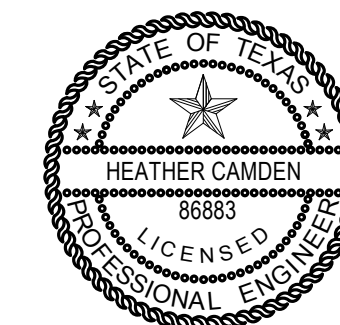
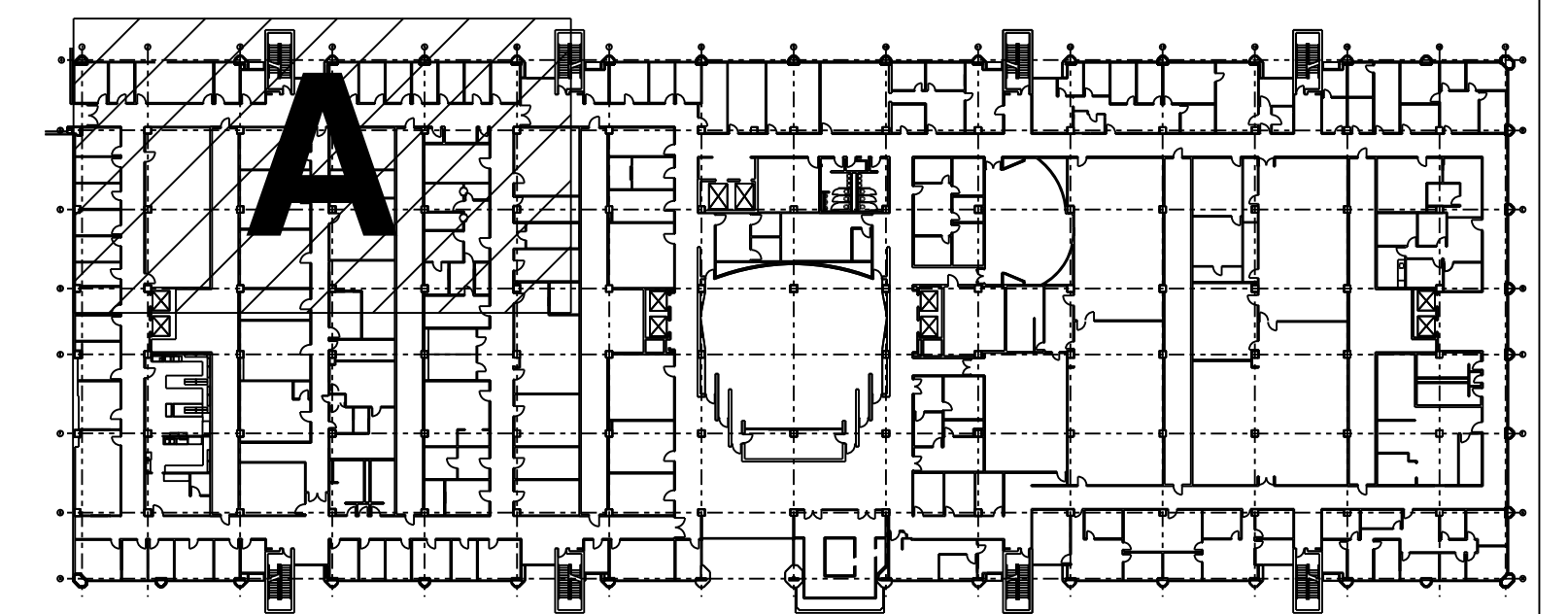
GENERAL NOTES:

- A. THE INTENT OF THE DRAWINGS IS NOT TO RELOCATE SPRINKLER HEADS OR FA DEVICES. IF NEW LIGHT OR DIFFUSER LOCATION DOES NOT WORK WITH EXISTING SPRINKLER/FA DEVICE, PLEASE CONTACT ENGINEER OF RECORD FOR FURTHER DIRECTION. APPROXIMATE LOCATIONS OF DEVICES ARE SHOWN.

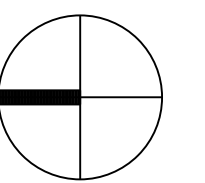
DRAWINGS NOTES:

- ① REMOVE SMOKE DETECTOR.
- ② DEMOLISH THE LIGHT FIXTURES. CIRCUITING TO BE REUSED. REMOVE SWITCH FOR REPLACEMENT.
- ③ DEMOLISH THE LIGHT FIXTURES IN THE HALLWAY. CIRCUITING TO BE REUSED.
- ④ SMOKE DETECTOR IN FRONT OF ELEVATOR TO REMAIN.
- ⑤ PROVIDE ALTERNATE TO DEMOLISH EXISTING STRIP FIXTURES IN THE CHASES.

01 1ST FLOOR ELECTRICAL/CEILING DEMO AREA A PLAN
SCALE: 1/8" = 1' - 0"



THE SEAL APPEARING ON THIS DRAWING WAS AUTHORIZED BY:
Digitally signed by Heather Camden
Date: 2019.07.24 19:05:26-05'00'
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**UTHSC
MSB OFFICE AIR DISTRIBUTION - FLOORS 1-4**

E&C PROJECT # 3300.02

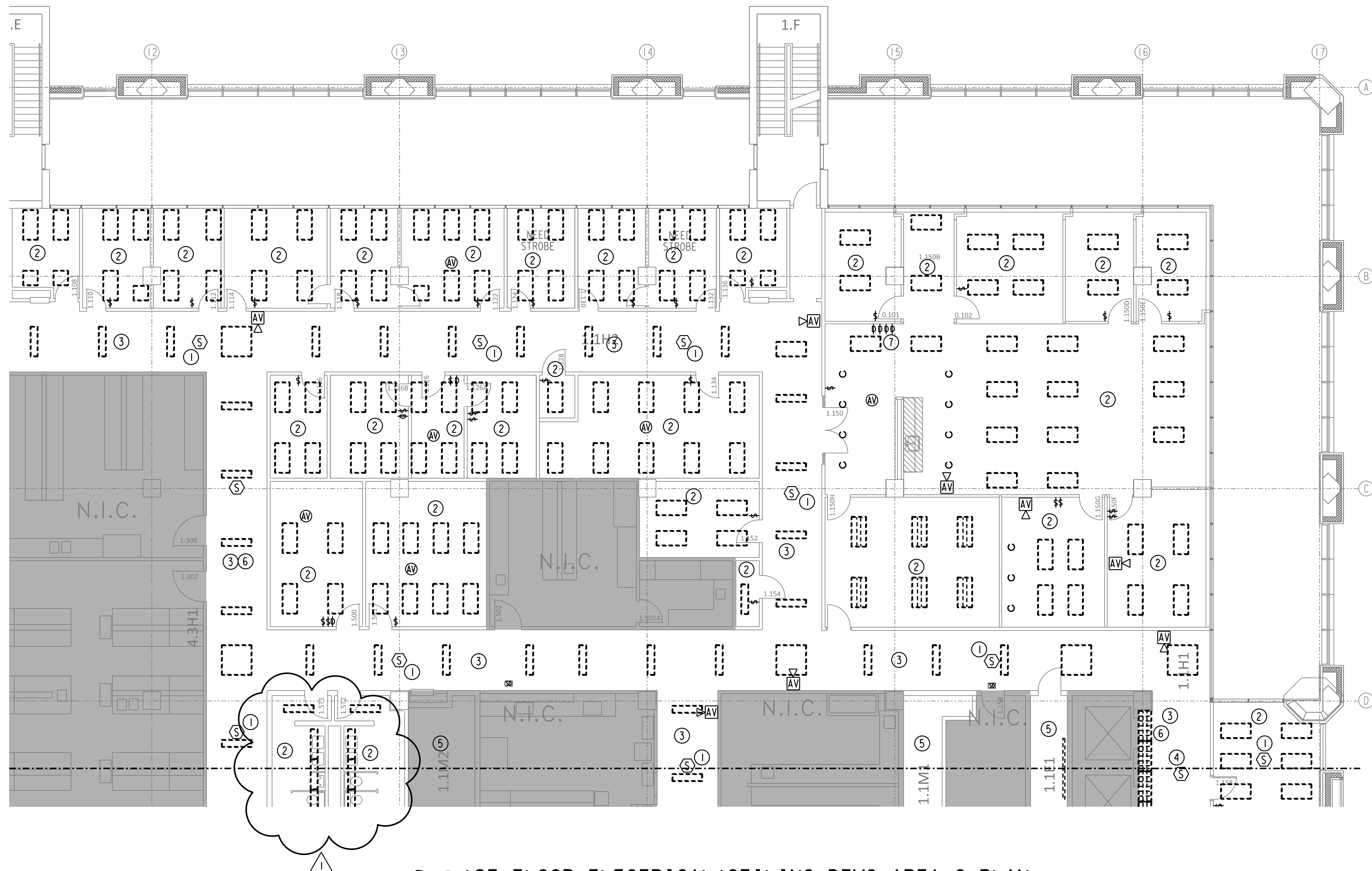
① 07/25/2019 ADDENDUM #01

**SKETCH: FIRST FLOOR
DEMO AREA A
DRAWING: E1.11**

REVISION: CONSTRUCTION

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

DATE: 05-17-2019



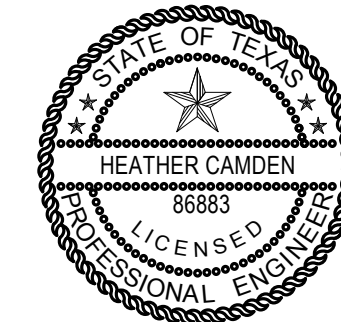
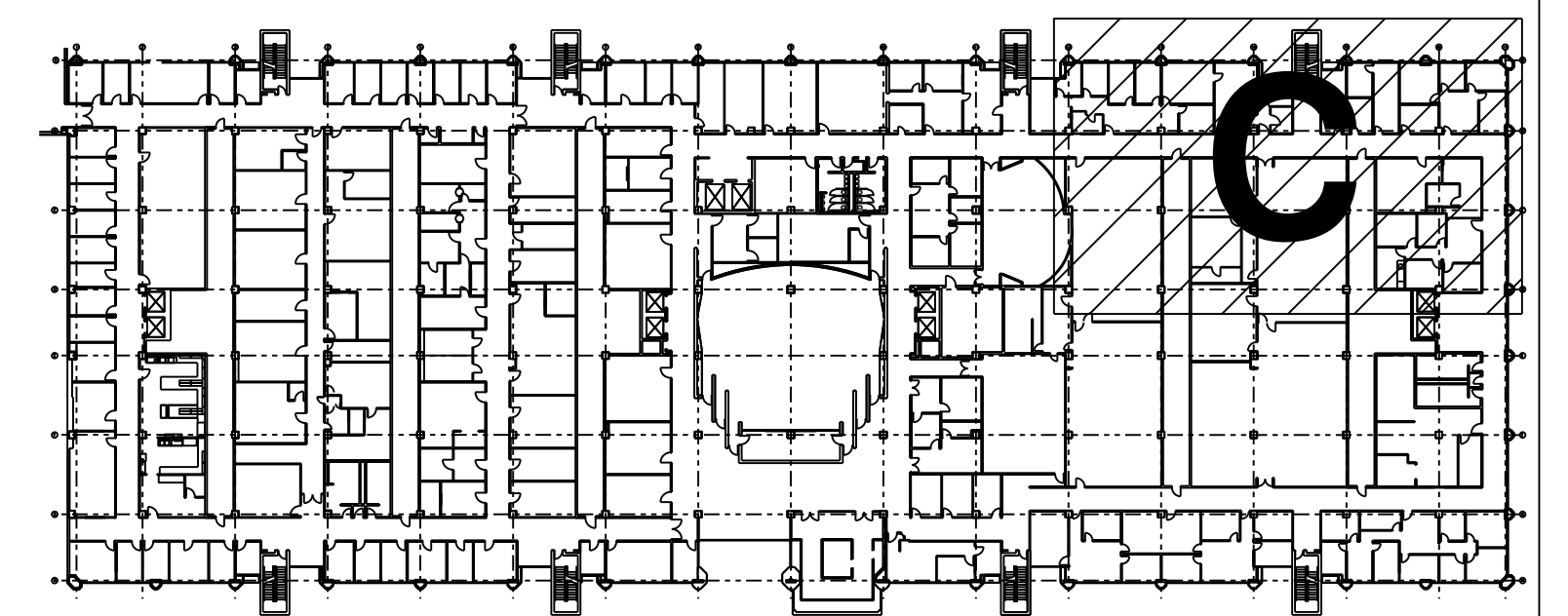
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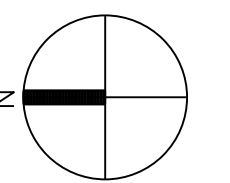
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- ③ DEMOLISH THE LIGHT FIXTURES IN THE HALLWAY. CIRCUITING TO BE REUSED.
- ④ SMOKE DETECTOR IN FRONT OF ELEVATOR TO REMAIN.
- ⑤ PROVIDE ALTERNATE TO DEMOLISH EXISTING STRIP FIXTURES IN THE CHASES.
- ⑥ REMOVE IT ABOVE CEILING & EGG CRATE GRILLES.
- ⑦ REMOVE DIMMERS.

01 1ST FLOOR ELECTRICAL/CEILING DEMO AREA C PLAN
SCALE: 1/8" = 1' - 0"



THE SEAL APPEARING ON THIS DRAWING WAS AUTHORIZED BY:
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by Heather Camden
Date: 2019.07.24
19:05:26-05'00'
E&C Engineers & Consultants Inc.
Texas Firm Registration No: F-003068



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TX Firm Registration No: F-003068
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**UTHSC
MSB OFFICE AIR DISTRIBUTION - FLOORS 1-4**

E&C PROJECT # 3300.02

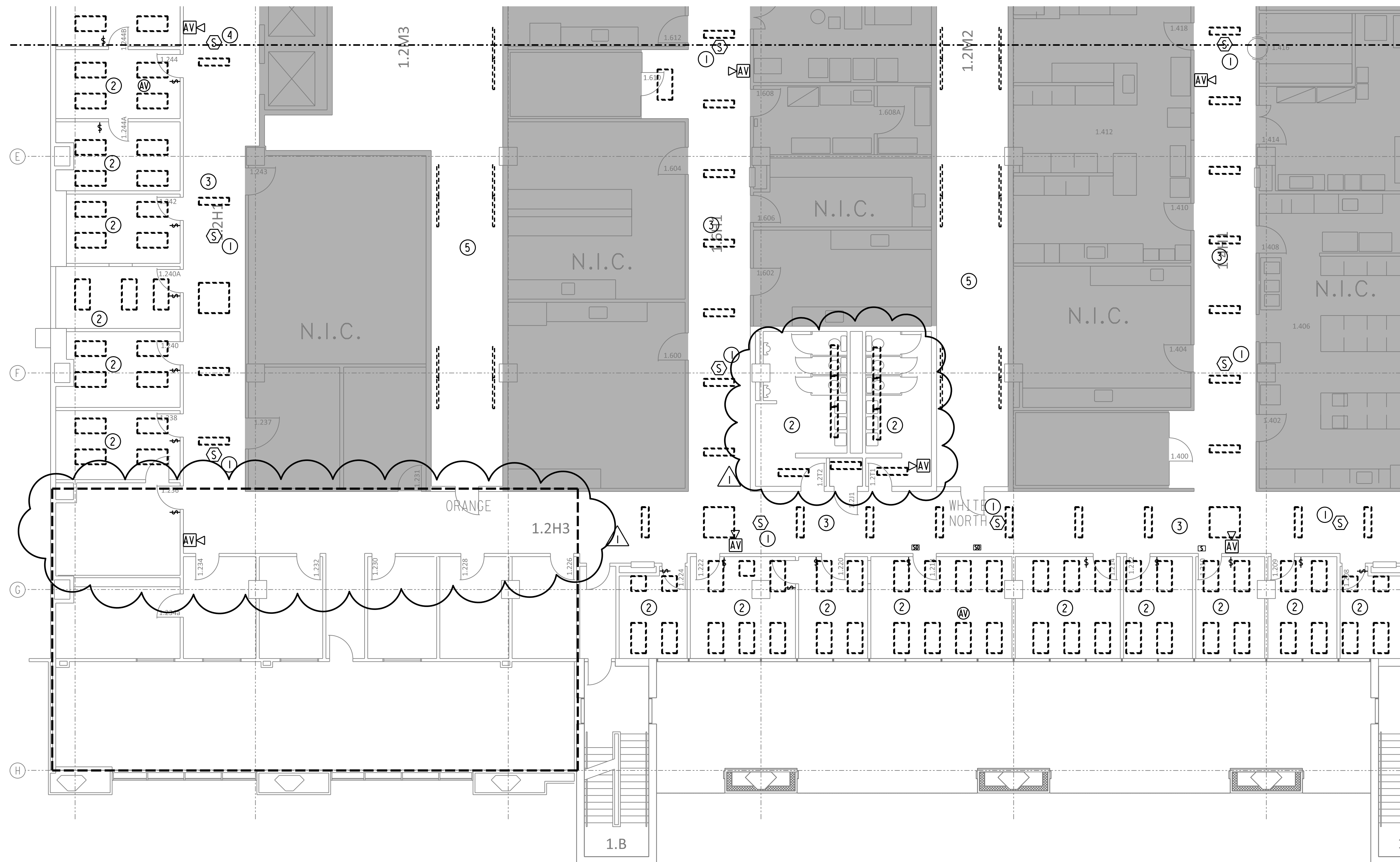
07/25/2019 ADDENDUM #01

SKETCH: FIRST FLOOR
DEMO AREA C
DRAWING: E1.13

REVISION: CONSTRUCTION

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

DATE: 05-17-2019



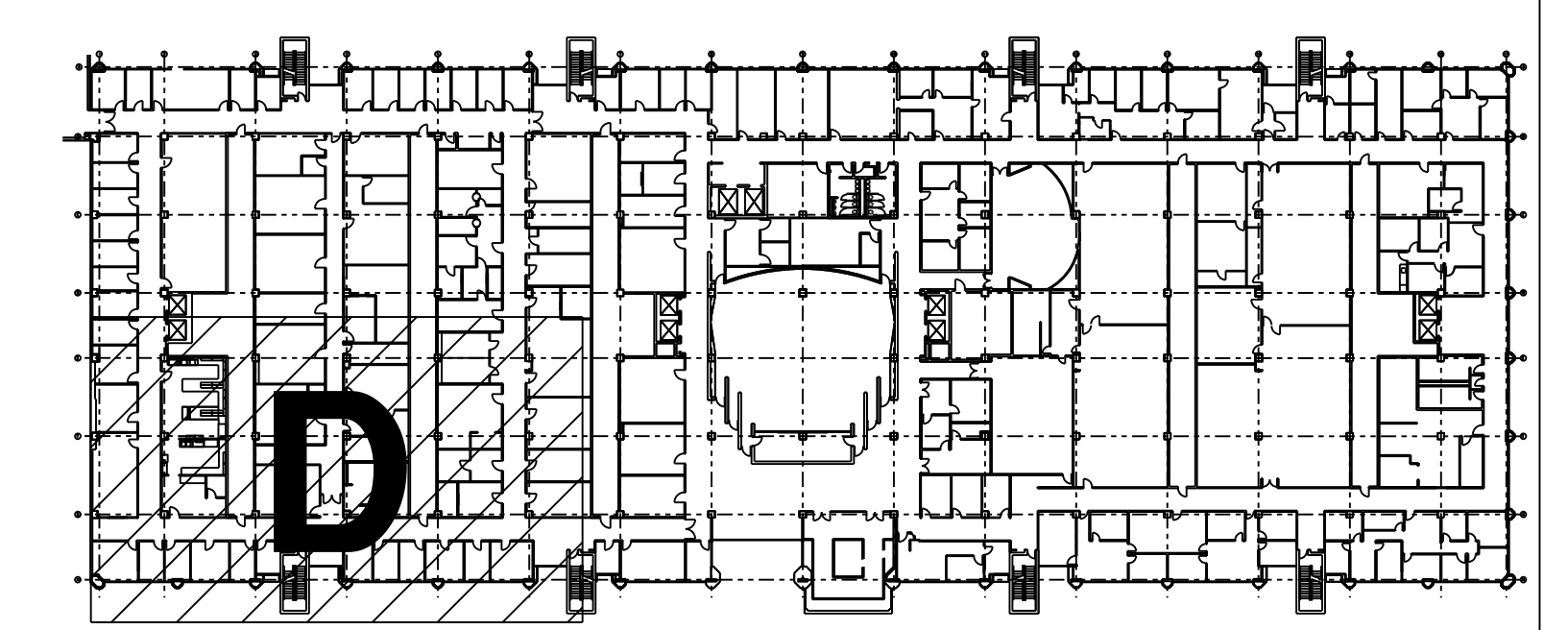
GENERAL NOTES:

A. THE INTENT OF THE DRAWINGS IS NOT TO RELOCATE SPRINKLER HEADS OR FA DEVICES. IF NEW LIGHT OR DIFFUSER LOCATION DOES NOT WORK WITH EXISTING SPRINKLER/FA DEVICE, PLEASE CONTACT ENGINEER OF RECORD FOR FURTHER DIRECTION. APPROXIMATE LOCATIONS OF DEVICES ARE SHOWN.

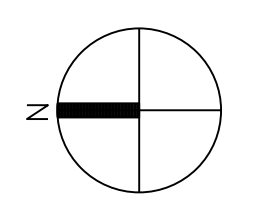
DRAWINGS NOTES:

- ① REMOVE SMOKE DETECTOR.
- ② DEMOLISH THE LIGHT FIXTURES. CIRCUITING TO BE REUSED. REMOVE SWITCH FOR REPLACEMENT.
- ③ DEMOLISH THE LIGHT FIXTURES IN THE HALLWAY. CIRCUITING TO BE REUSED.
- ④ SMOKE DETECTOR BY ELEVATOR TO REMAIN
- ⑤ PROVIDE ALTERNATE TO DEMOLISH EXISTING STRIP FIXTURES IN THE CHASES.

01 1ST FLOOR ELECTRICAL/CEILING DEMO AREA D PLAN
SCALE: 1/8" = 1'-0"



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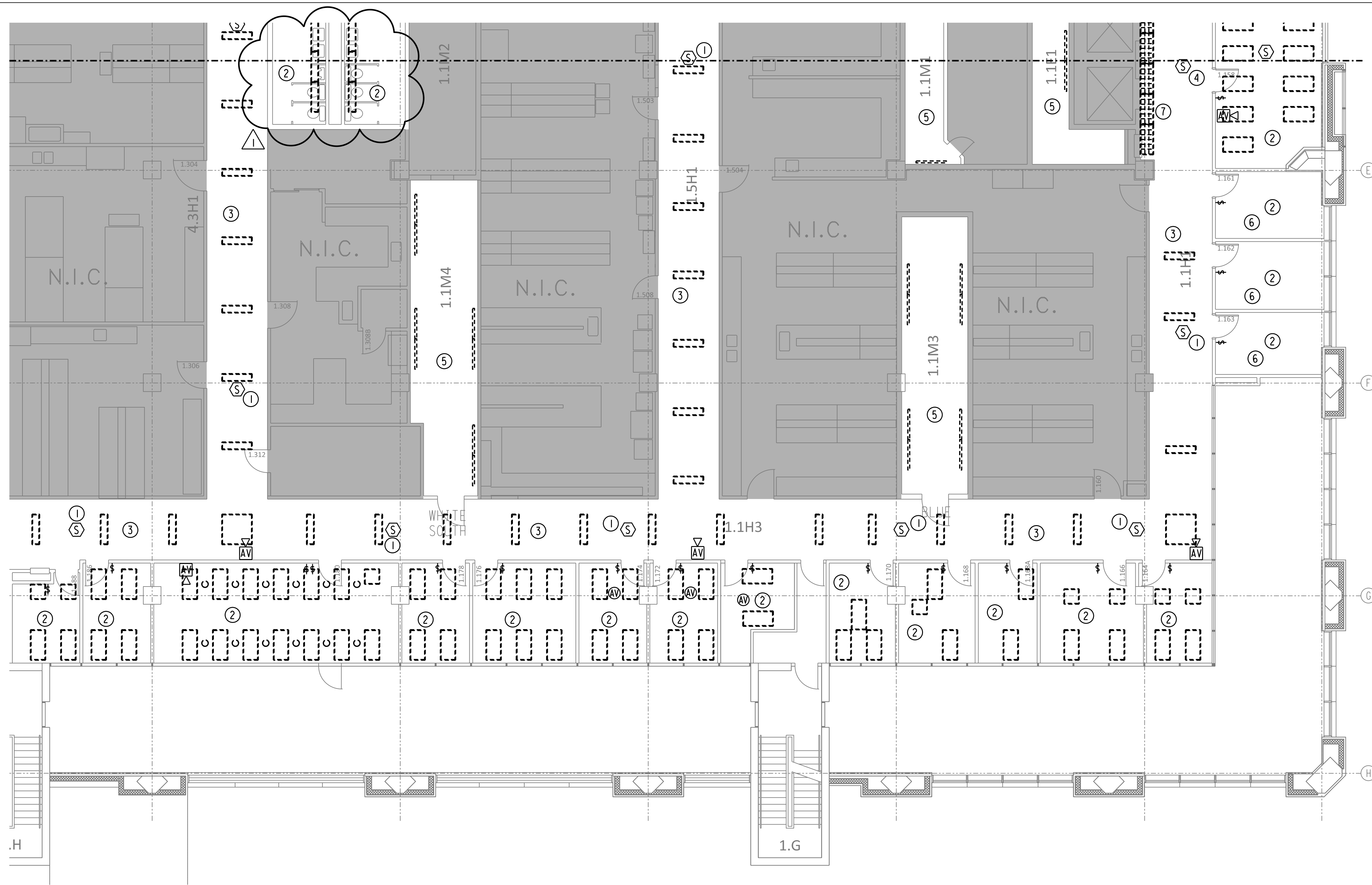
07/25/2019 ADDENDUM #01

**SKETCH: FIRST FLOOR
DEMO AREA D
DRAWING: E1.14**

REVISION: CONSTRUCTION

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

DATE: 05-17-2019



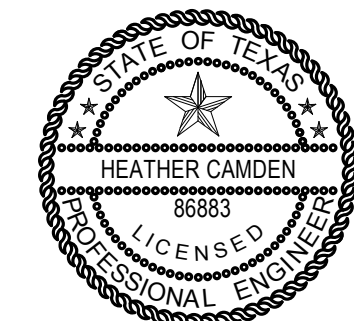
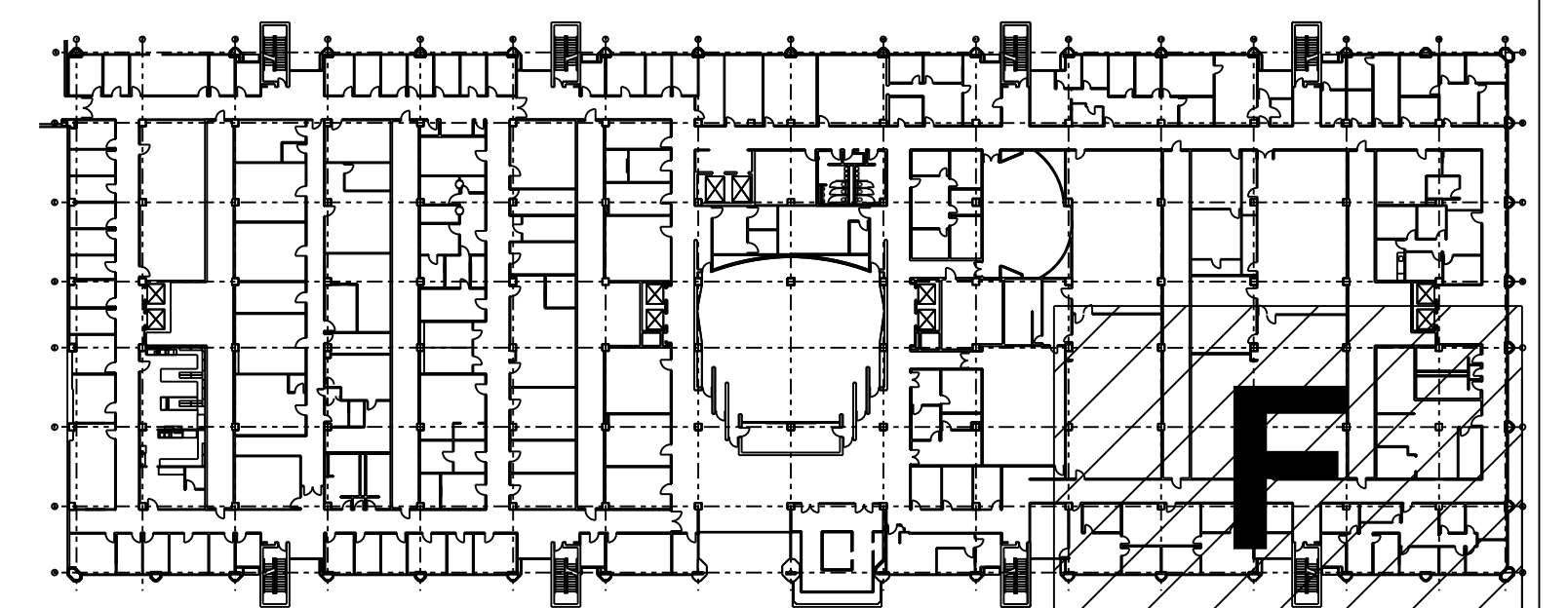
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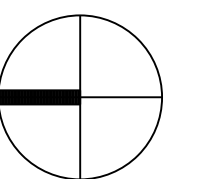
DRAWINGS NOTES:

- ① REMOVE SMOKE DETECTOR.
- ② DEMOLISH THE LIGHT FIXTURES. CIRCUITING TO BE REUSED. REMOVE SWITCH FOR REPLACEMENT.
- ③ DEMOLISH THE LIGHT FIXTURES IN THE HALLWAY. CIRCUITING TO BE REUSED.
- ④ SMOKE DETECTOR IN FRONT OF ELEVATOR TO REMAIN.
- ⑤ PROVIDE ALTERNATE TO DEMOLISH EXISTING STRIP FIXTURES IN THE CHASES.
- ⑥ FIELD VERIFY LIGHTS. NO ACCESS DURING FIELD OBSERVATION.
- ⑦ REMOVE LIGHT ABOVE CEILING & EGG CRATE GRILLES.

01 1ST FLOOR ELECTRICAL/CEILING DEMO AREA F PLAN
SCALE: 1/8" = 1' - 0"



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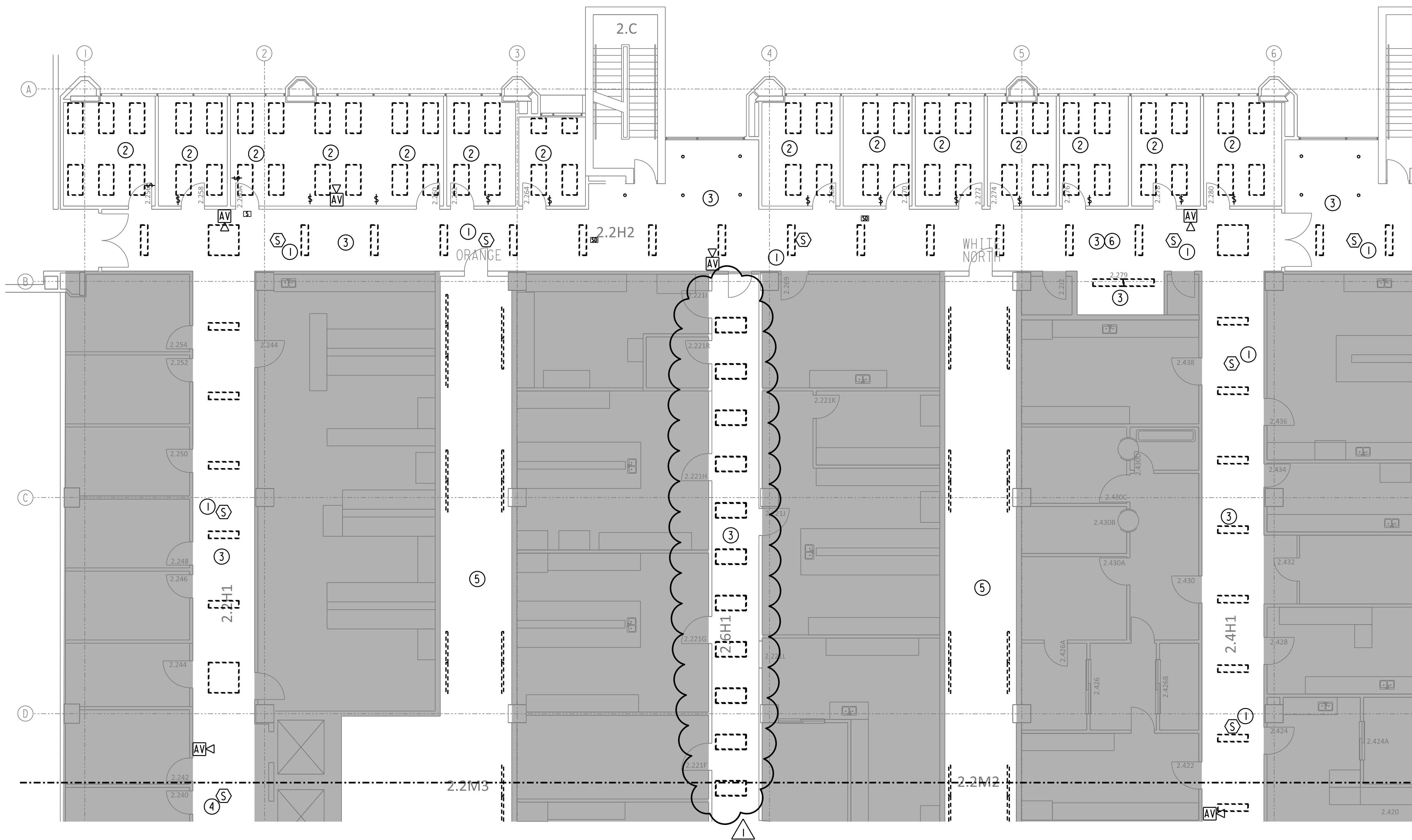
07/25/2019 ADDENDUM #01

SKETCH: FIRST FLOOR
DEMO AREA F
DRAWING: E1.16

REVISION: CONSTRUCTION

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

DATE: 05-17-2019



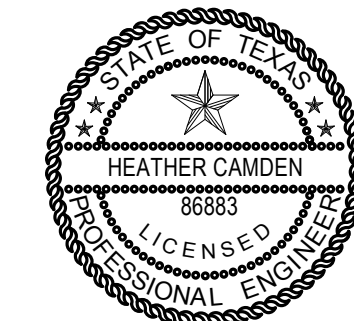
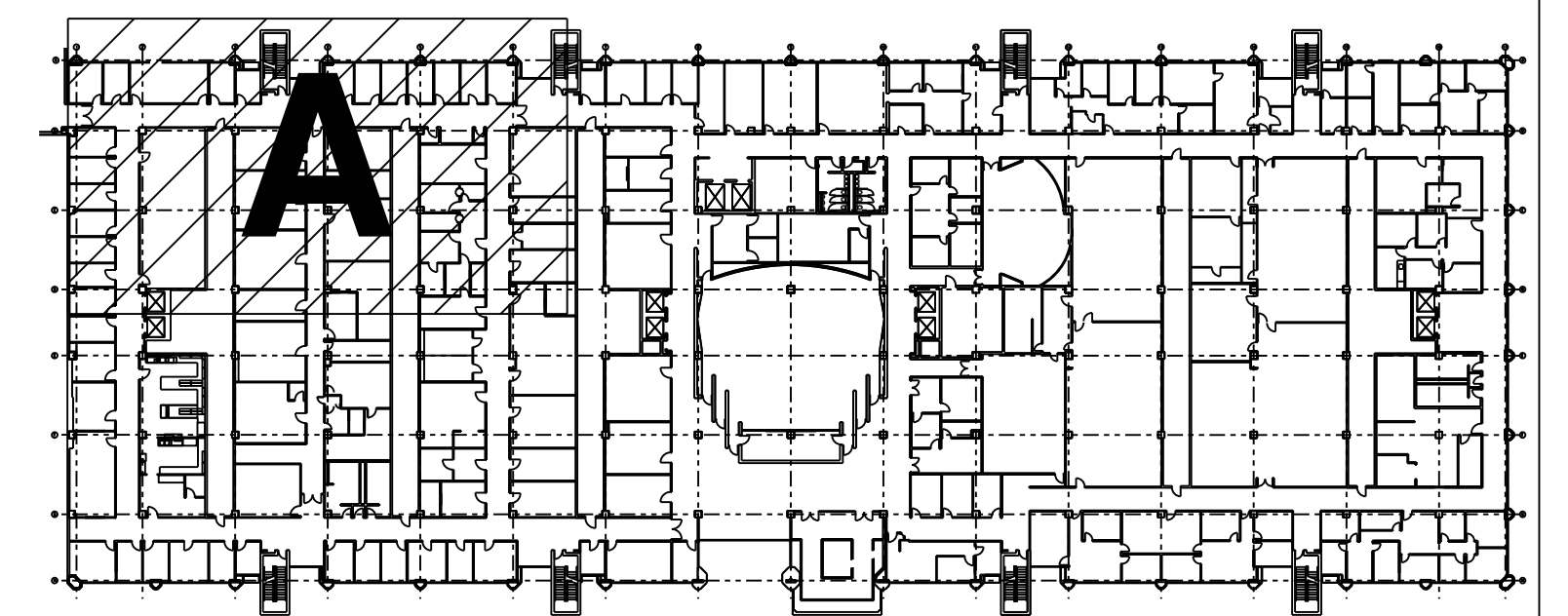
GENERAL NOTES:

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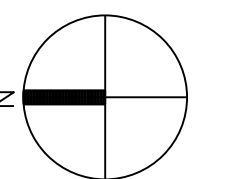
DRAWINGS NOTES:

- ① REMOVE SMOKE DETECTOR.
- ② DEMOLISH THE LIGHT FIXTURES, CIRCUITING TO BE REUSED. REMOVE SWITCH FOR REPLACEMENT.
- ③ DEMOLISH THE LIGHT FIXTURES IN THE HALLWAY, CIRCUITING TO BE REUSED.
- ④ SMOKE DETECTOR IN FRONT OF ELEVATOR TO REMAIN.
- ⑤ PROVIDE ALTERNATE TO DEMOLISH EXISTING STRIP FIXTURES IN THE CHASES.

01 2ND FLOOR ELECTRICAL/CEILING DEMO AREA A PLAN
SCALE: 1/8" = 1' - 0"



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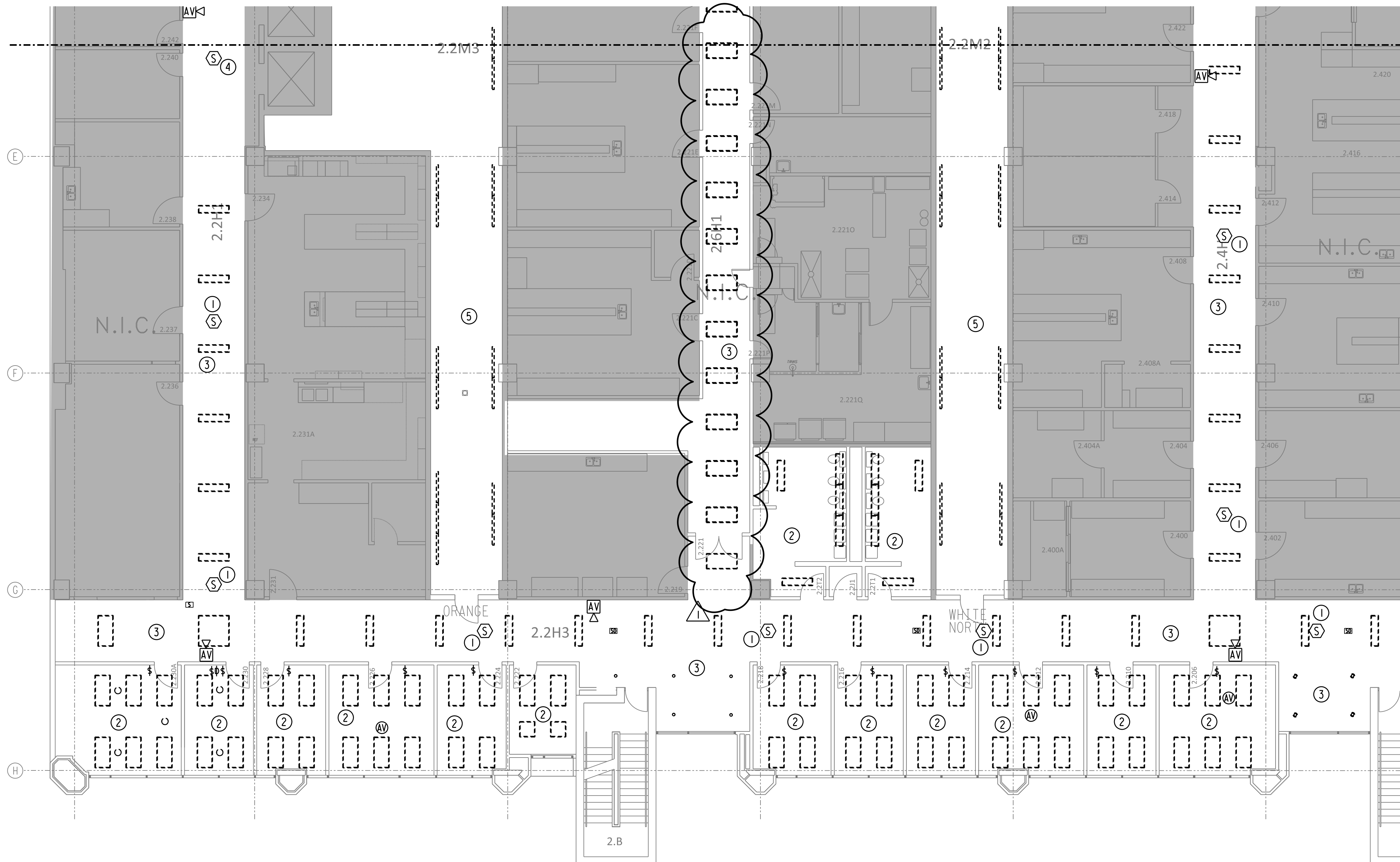
① 07/25/2019 ADDENDUM #01

**SKETCH: SECOND FLOOR
DEMO AREA A
DRAWING: E1.21**

REVISION: CONSTRUCTION

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

DATE: 05-17-2019



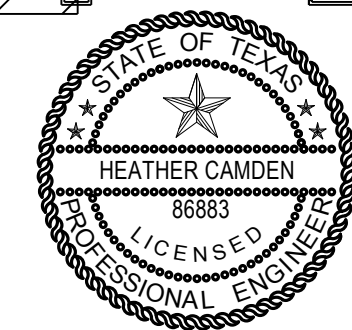
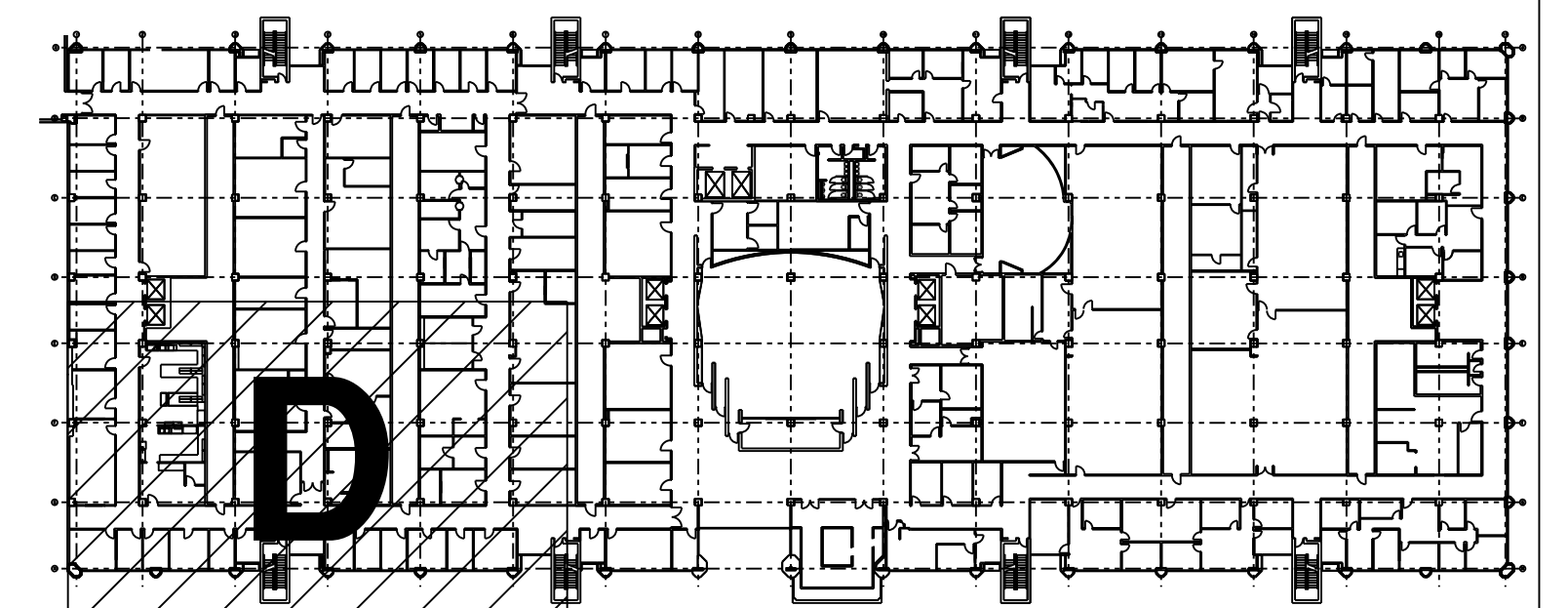
GENERAL NOTES:

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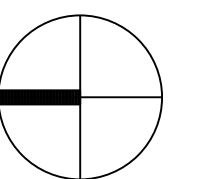
DRAWINGS NOTES:

- ① REMOVE SMOKE DETECTOR.
- ② DEMOLISH THE LIGHT FIXTURES, CIRCUITING TO BE REUSED. REMOVE SWITCH FOR REPLACEMENT.
- ③ DEMOLISH THE LIGHT FIXTURES IN THE HALLWAY, CIRCUITING TO BE REUSED.
- ④ SMOKE DETECTOR IN FRONT OF ELEVATOR TO REMAIN.
- ⑤ PROVIDE ALTERNATE TO DEMOLISH EXISTING STRIP FIXTURES IN THE CHASES.

01 2ND FLOOR ELECTRICAL/CEILING DEMO AREA D PLAN
SCALE: 1/8" = 1' - 0"



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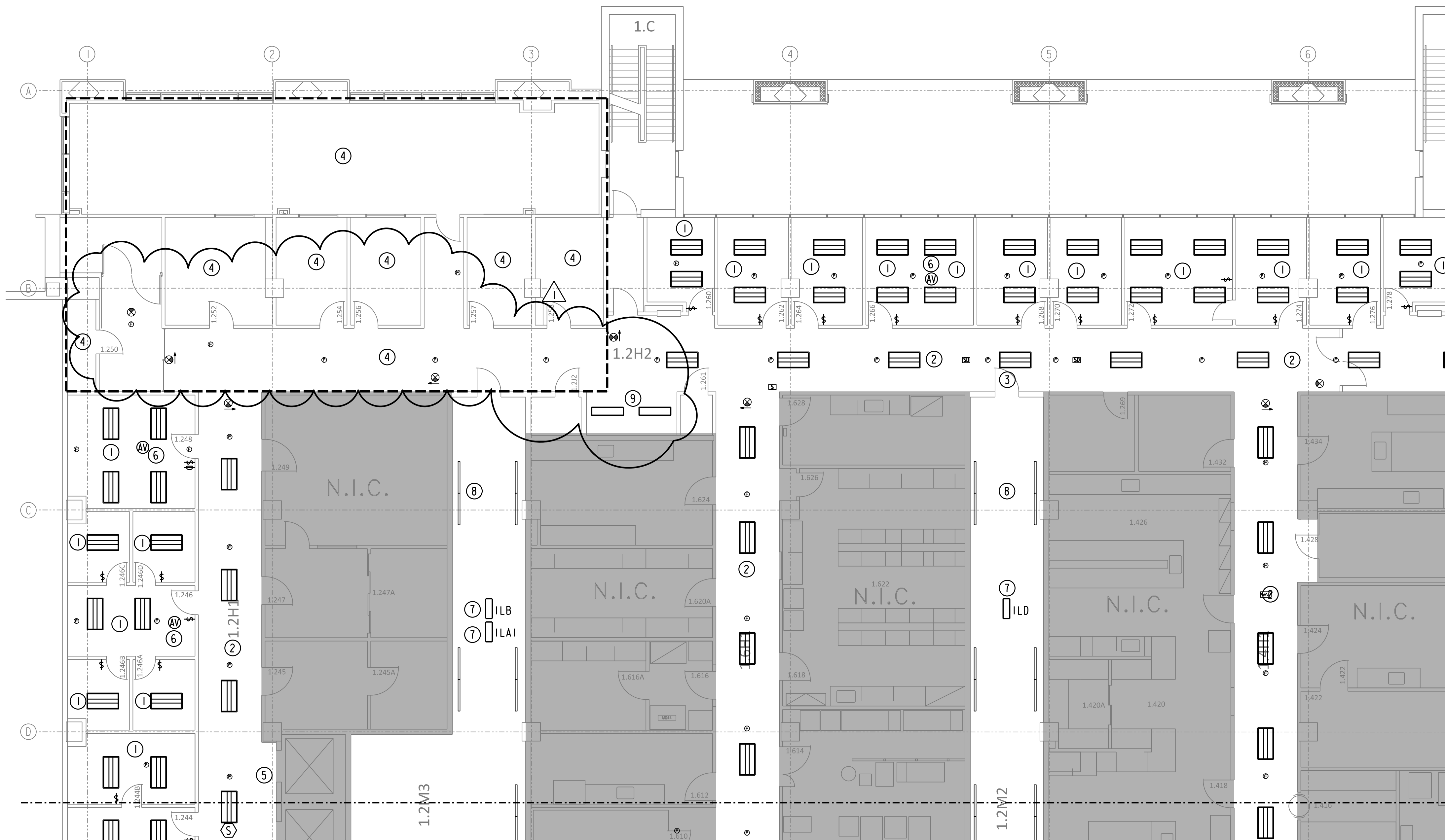
07/25/2019 ADDENDUM #01

**SKETCH: SECOND FLOOR
DEMO AREA D
DRAWING: E1.24**

REVISION: CONSTRUCTION

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

DATE: 05-17-2019

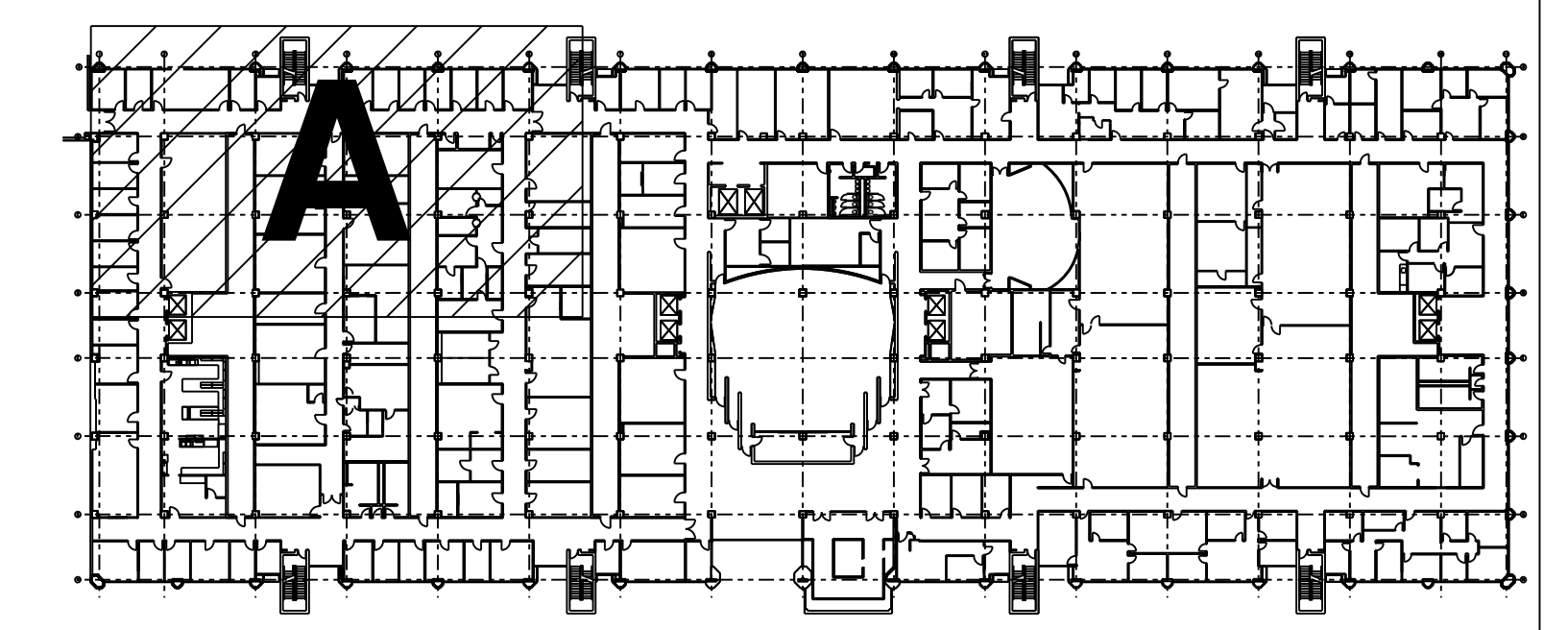


GENERAL NOTES:

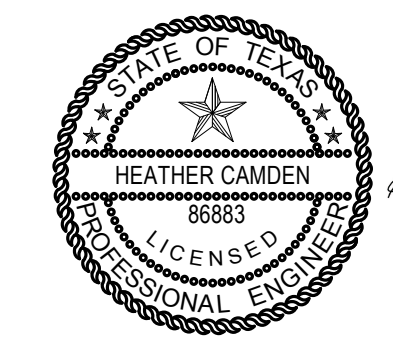
- A. THE INTENT OF THE DRAWINGS IS NOT TO RELOCATE SPRINKLER HEADS OR FA DEVICES. IF NEW LIGHT OR DIFFUSER LOCATION DOES NOT WORK WITH EXISTING SPRINKLER/FA DEVICE, PLEASE CONTACT ENGINEER OF RECORD FOR FURTHER DIRECTION. NOTE NEW LIGHTS ARE 3' DEEP. SOME SPRINKLER PIPE ROUTED TIGHT TO THE CEILING MAY NEED TO BE RELOCATED.

DRAWINGS NOTES:

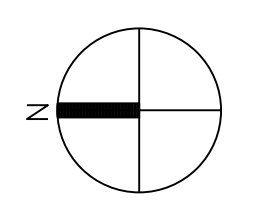
- ① REPLACE LIGHT FIXTURES IN OFFICES WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL ZR24T-40L-40K-CMA WITH CMC-1 SMARTCAST INTEGRAL MOTION AND AMBIENT SENSORS AND WIRELESS COMMUNICATION. LAMP TYPE 4000 LM 4000K K 90 CRI LED <10% THD DIMMING LED DRIVER 120/277V, 44W LAY -IN MOUNT. RECONNECT TO CIRCUIT SERVING THE AREA AND REPLACE EXISTING SWITCHES WITH CRE NO. CFP-1WN WALL SWITCH WITH WIRELESS DIMMING CAPABILITY TO CONTROL ROOM LIGHTING.
- ② IN CORRIDOR REPLACE LIGHT FIXTURES WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL ZR24T-40L-40K-CMA WITH CMC-1 SMARTCAST INTEGRAL MOTION AND AMBIENT SENSORS AND WIRELESS COMMUNICATION. LAMP TYPE 4000 LM 4000K K 90 CRI LED <10% THD DIMMING LED DRIVER 120/277V, 44W LAY -IN MOUNT. RECONNECT TO CIRCUIT SERVING THE AREA AND REPLACE EXISTING SWITCHES WITH CRE NO. CFP-1WN WALL SWITCH WITH WIRELESS DIMMING CAPABILITY TO CONTROL ROOM LIGHTING.
- ③ COORDINATE ADJUSTMENT IN CEILING GRID AS NEEDED TO ALIGN WITH RA DUCT AND GRILLES.
- ④ AREA RECENTLY RENOVATED, NO WORK THIS ROOM.
- ⑤ NO NEW LIGHT FIXTURES SHALL REPLACE WITHIN THE CURRENT LIGHTING TROFFER. EGCCRATE TO REPLACE WITH 2X2 CEILING TILES.
- ⑥ ADD AND RELOCATE FIRE ALARM DEVICES AS REQUIRED TO PROVIDE PROPER COVERAGE. PROVIDE SYSTEM PER THE SPECIFICATION.
- ⑦ PROVIDE TWO NEW CIRCUITS FOR CONTROLS POWER FROM THE CHASE. FREE CIRCUITS AT THE TIME OF WALK-THRU ARE:
 ILA1 - .10, 12-16 SPARE, 17-32 SPACE
 ILB - 32 SPACE
 ILD - 15, 17-24 SPACE
 CONTRACTOR MAY PROVIDE CIRCUIT THAT IS MOST CONVENIENT TO THE LOCATION. NOTE CIRCUITS USED ON AS-BUILTS.
- ⑧ PROVIDE ALTERNATE PRICING TO REPLACE CURRENT STRIP FIXTURE WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL LS4-40L-40K. REPLACE 3-WAY TIMER SWITCH WITH 3-WAY TOGGLE SWITCH.
- ⑨ IN LOCATIONS WITH HARD CEILING INSERTS REPLACE FIXTURES WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL S-WR ESSENTIA LED WRAP-40L-40K. INSERTS SHALL BE SWITCHED WITH THE HALLWAY IN WHICH IT IS LOCATED. NOTE THESE LIGHTS ARE 3' DEEP.



01 1ST FLOOR ELECTRICAL/CEILING RENO AREA A PLAN
 SCALE: 1/8"=1'-0"



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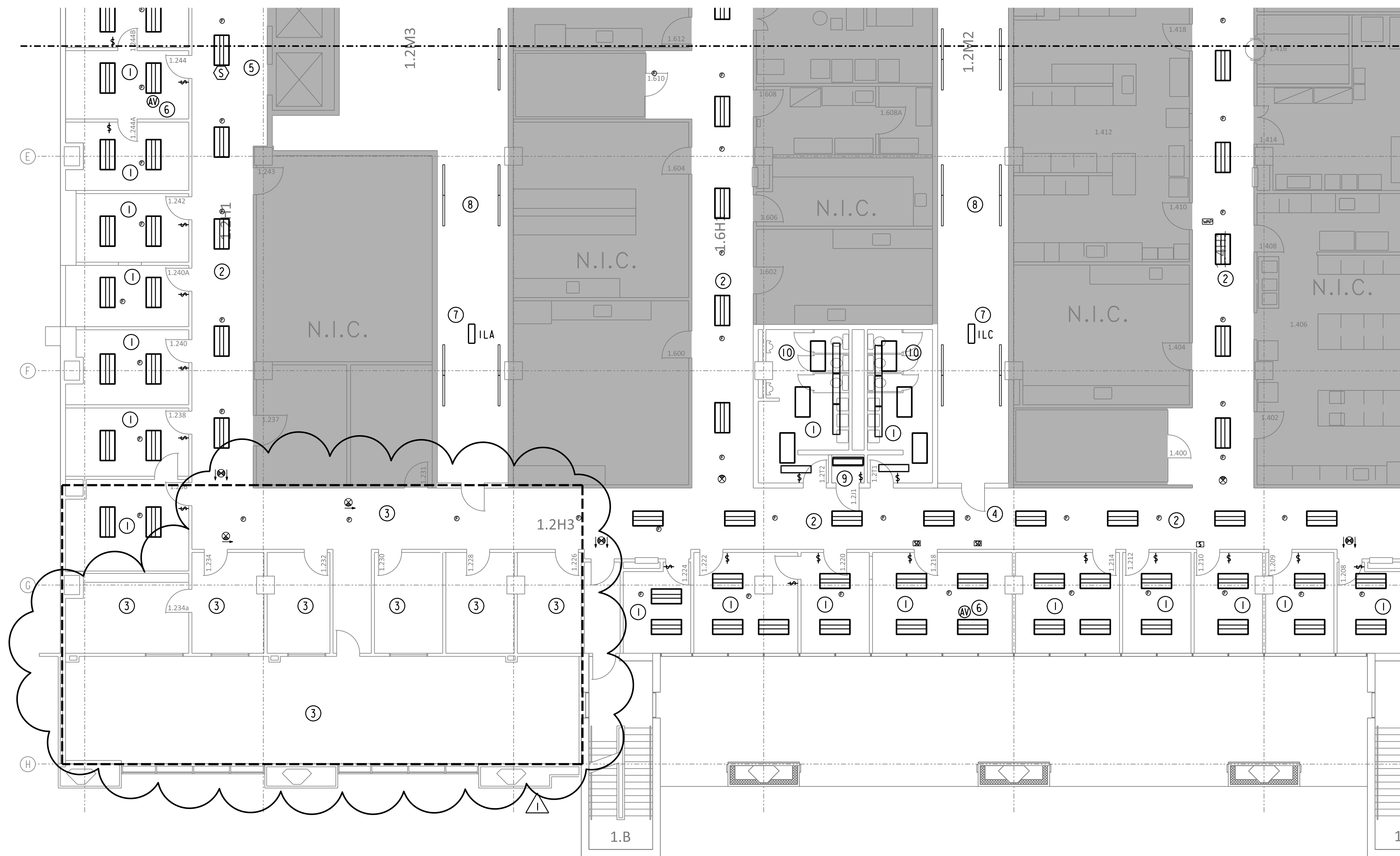
E&C PROJECT # 3300.02

△ 07/25/2019 ADDENDUM #01

**SKETCH: FIRST FLOOR
 RENO AREA A
 DRAWING: E2.11**

REVISION: CONSTRUCTION

SCALE: 1/8"=1'-0"
DATE: 05-17-2019

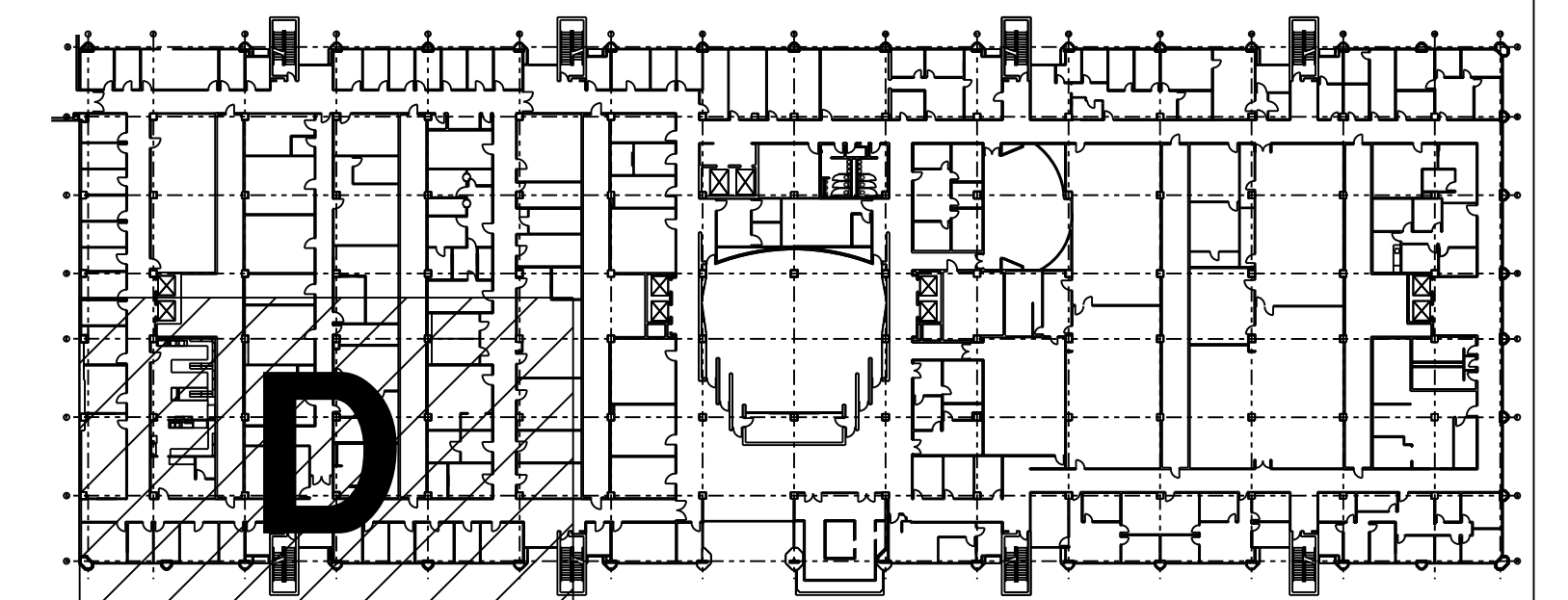


GENERAL NOTES:

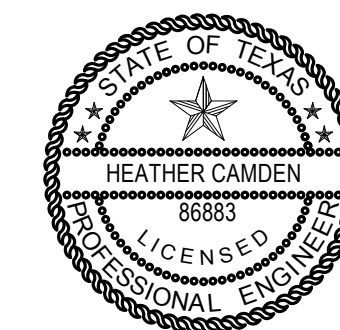
A. THE INTENT OF THE DRAWINGS IS NOT TO RELOCATE SPRINKLER HEADS OR FA DEVICES. IF NEW LIGHT OR DIFFUSER LOCATION DOES NOT WORK WITH EXISTING SPRINKLER/FA DEVICE, PLEASE CONTACT ENGINEER OF RECORD FOR FURTHER DIRECTION. NOTE NEW LIGHTS ARE 3" DEEP. SOME SPRINKLER PIPE ROUTED TIGHT TO THE CEILING MAY NEED TO BE RELOCATED.

DRAWINGS NOTES:

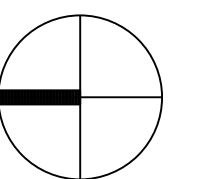
- ① REPLACE LIGHT FIXTURES IN OFFICES WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL ZR24T-40L-40K-CMA WITH CMC-1 SMARTCAST INTEGRAL MOTION AND AMBIENT SENSORS AND WIRELESS COMMUNICATION. LAMP TYPE 4000 LM 4000K K 90 CRI LED <10% THD DIMMING LED DRIVER 120/277V, 44W LAY -IN MOUNT. RECONNECT TO CIRCUIT SERVING THE AREA AND REPLACE EXISTING SWITCHES WITH CREE NO. CFP-IWN WALL SWITCH WITH WIRELESS DIMMING CAPABILITY TO CONTROL ROOM LIGHTING.
- ② IN CORRIDOR REPLACE LIGHT FIXTURES WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL ZR24T-40L-40K-CMA WITH CMC-1 SMARTCAST INTEGRAL MOTION AND AMBIENT SENSORS AND WIRELESS COMMUNICATION. LAMP TYPE 4000 LM 4000K K 90 CRI LED <10% THD DIMMING LED DRIVER 120/277V, 44W LAY -IN MOUNT. RECONNECT TO CIRCUIT SERVING THE AREA AND REPLACE EXISTING SWITCHES WITH CREE NO. CFP-IWN WALL SWITCH WITH WIRELESS DIMMING CAPABILITY TO CONTROL ROOM LIGHTING.
- ③ THIS AREA WAS RENOVATED RECENTLY. NO NEW CEILING WORK.
- ④ COORDINATE ADJUSTMENT IN CEILING GRID AS NEEDED TO ALIGN WITH RA DUCT AND GRILLES.
- ⑤ NO NEW LIGHT FIXTURES SHALL REPLACE WITHIN THE CURRENT LIGHTING TROFFER. EGG CRATE TO REPLACE WITH 2X2 CEILING TILES.
- ⑥ ADD AND RELOCATE FIRE ALARM DEVICES AS REQUIRED TO PROVIDE PROPER COVERAGE. PROVIDE SYSTEM PER THE SPECIFICATION.
- ⑦ PROVIDE TWO NEW CIRCUITS FOR CONTROLS POWER FROM THE CHASE. FREE CIRCUITS AT THE TIME OF WALK-THRU ARE:
ILA - NO FREE SPARES OR SPACES
ILC - 25, 27 & 28 SPACES
CONTRACTOR MAY PROVIDE CIRCUIT THAT IS MOST CONVENIENT TO THE LOCATION. NOTE CIRCUITS USED ON AS-BUILTS.
- ⑧ PROVIDE ALTERNATE PRICING TO REPLACE CURRENT STRIP FIXTURE WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL LS4-40L-40K. REPLACE 3-WAY TIMER SWITCH WITH 3-WAY TOGGLE SWITCH.
- ⑨ IN LOCATIONS WITH HARD CEILING INSERTS REPLACE FIXTURES WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL S-WR ESSENTIA LED WRAP-40L-40K. INSERTS SHALL BE SWITCHED WITH THE HALLWAY IN WHICH IT IS LOCATED. NOTE THESE LIGHTS ARE 3" DEEP.
- ⑩ INSTALL MOTION SENSORS IN RESTROOM TO COVER ALL AREAS. WATTSTOPPER DT-300/BZ150.



01 1ST FLOOR ELECTRICAL/CEILING RENO AREA D PLAN
SCALE: 1/8"=1'-0"



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E&C PROJECT # 3300.02

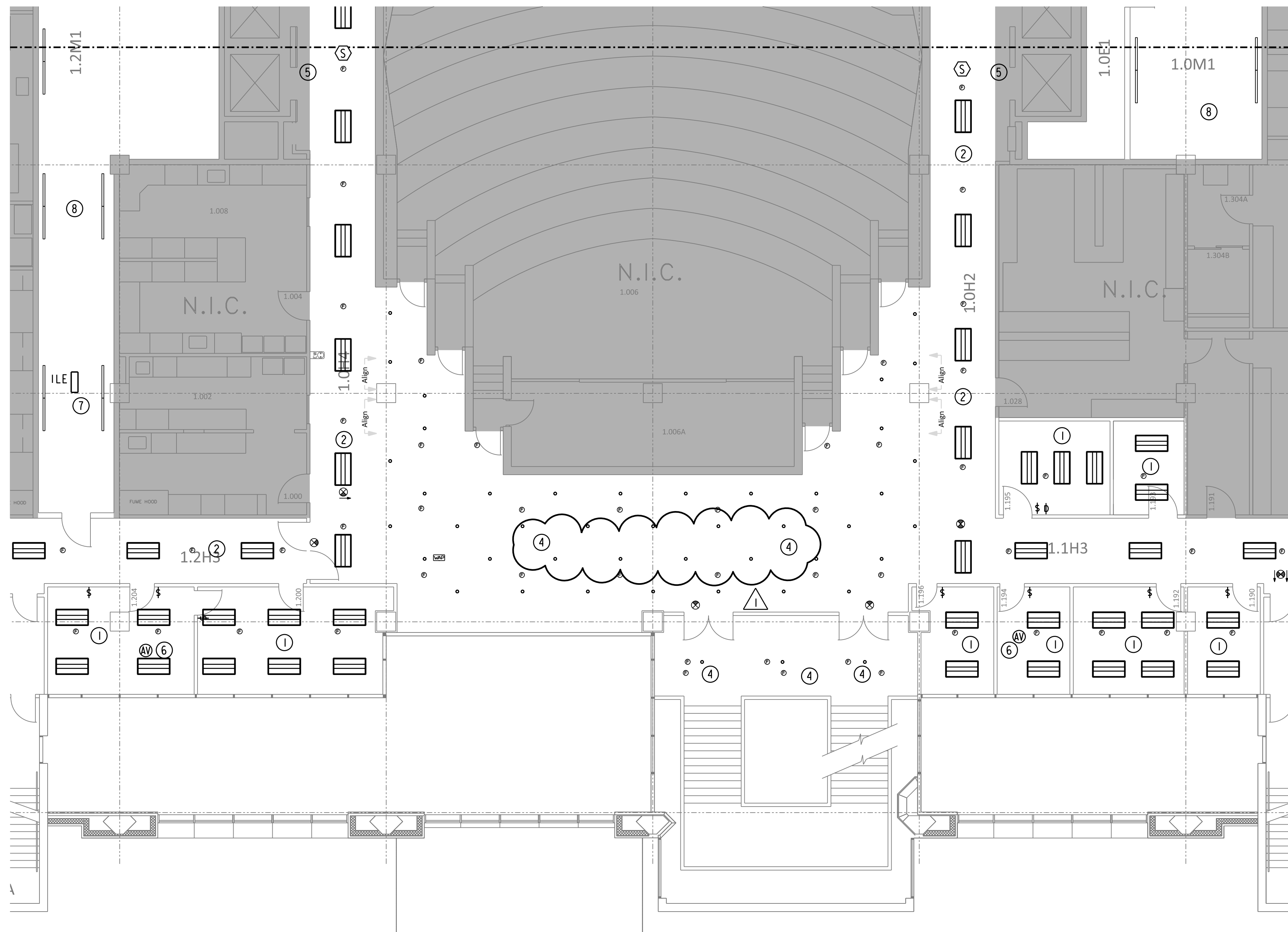
07/25/2019 ADDENDUM #01

SKETCH: FIRST FLOOR
RENO AREA D
DRAWING: E2.14

REVISION: CONSTRUCTION

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

DATE: 05-17-2019

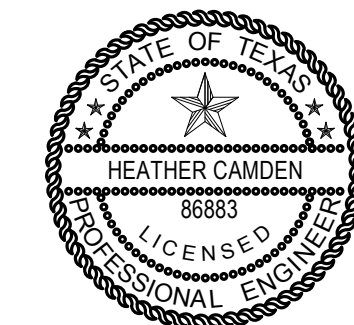
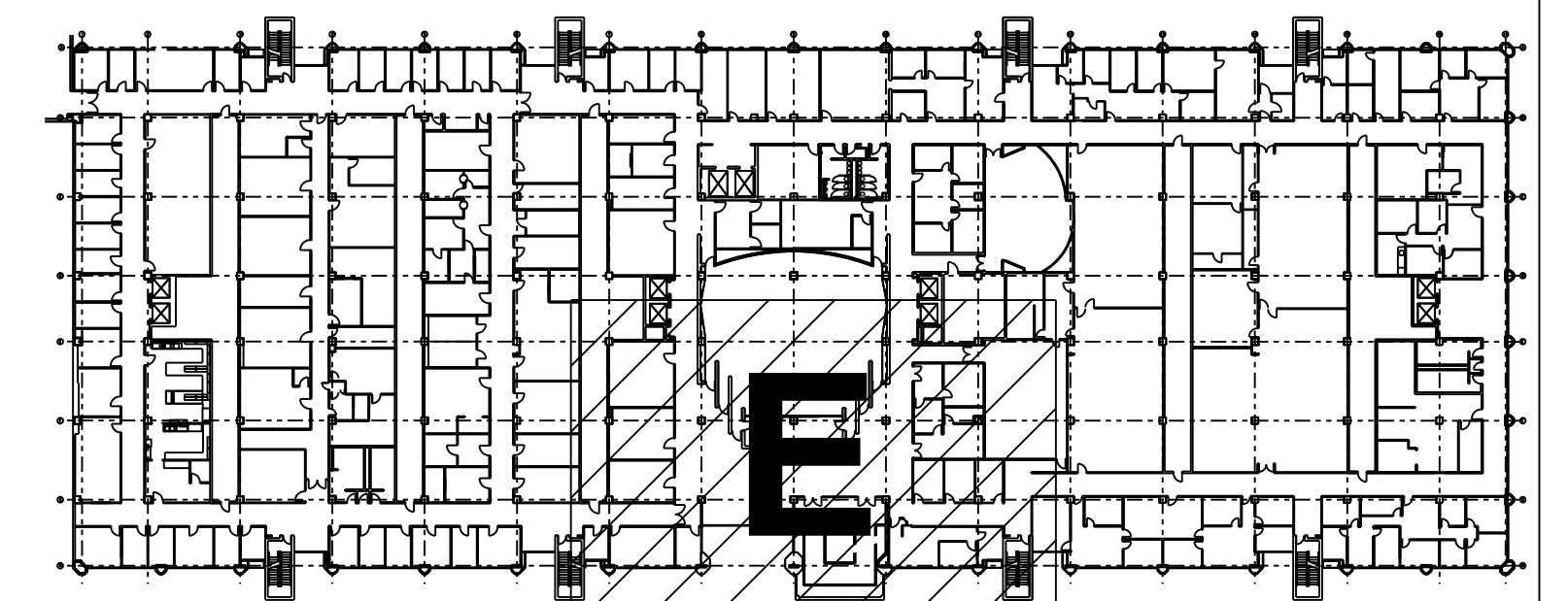


GENERAL NOTES:

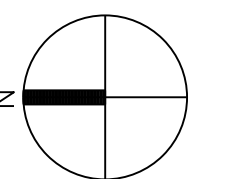
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DRAWINGS NOTES:

- ① REPLACE LIGHT FIXTURES IN OFFICES WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL ZR24T-40L-40K-CMA WITH CMC-1 SMARTCAST INTEGRAL MOTION AND AMBIENT SENSORS AND WIRELESS COMMUNICATION. LAMP TYPE 4000 LM 4000K K 90 CRI LED <10% THD DIMMING LED DRIVER 120/277V, 44W LAY -IN MOUNT. RECONNECT TO CIRCUIT SERVING THE AREA AND REPLACE EXISTING SWITCHES WITH CRE NO. CFP-IWN WALL SWITCH WITH WIRELESS DIMMING CAPABILITY TO CONTROL ROOM LIGHTING.
- ② IN CORRIDOR REPLACE LIGHT FIXTURES WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL ZR24T-40L-40K-CMA WITH CMC-1 SMARTCAST INTEGRAL MOTION AND AMBIENT SENSORS AND WIRELESS COMMUNICATION. LAMP TYPE 4000 LM 4000K K 90 CRI LED <10% THD DIMMING LED DRIVER 120/277V, 44W LAY -IN MOUNT. RECONNECT TO CIRCUIT SERVING THE AREA AND REPLACE EXISTING SWITCHES WITH CRE NO. CFP-IWN WALL SWITCH WITH WIRELESS DIMMING CAPABILITY TO CONTROL ROOM LIGHTING.
- ③ NOT USED.
- ④ REPLACE/RELOCATE DOWNLIGHT WITH NEW PORTFOLIO LD6A20-DE010TE-ERMA20-80-40 WITH 3000 LM 4000 K 90 CRI LED <10% THD LED DRIVER 120/277V, 44W RECESSED MOUNTING. RECONNECT TO EXISTING HALLWAY SWITCH.
- ⑤ NO NEW LIGHT FIXTURES SHALL REPLACE WITHIN THE CURRENT LIGHTING TROFFER. EGG CRATE TO REPLACE WITH 2X2 CEILING TILES.
- ⑥ ADD AND RELOCATE FIRE ALARM DEVICES AS REQUIRED TO PROVIDE PROPER COVERAGE. PROVIDE SYSTEM PER THE SPECIFICATION.
- ⑦ PROVIDE TWO NEW CIRCUITS FOR CONTROLS POWER FROM THE CHASE. FREE CIRCUITS AT THE TIME OF WALK-THRU ARE:
ILE - 25, 27 & 29 SPACES
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- ⑧ PROVIDE ALTERNATE PRICING TO REPLACE CURRENT STRIP FIXTURE WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL LS4-40L-40K. REPLACE 3-WAY TIMER SWITCH WITH 3-WAY TOGGLE SWITCH.



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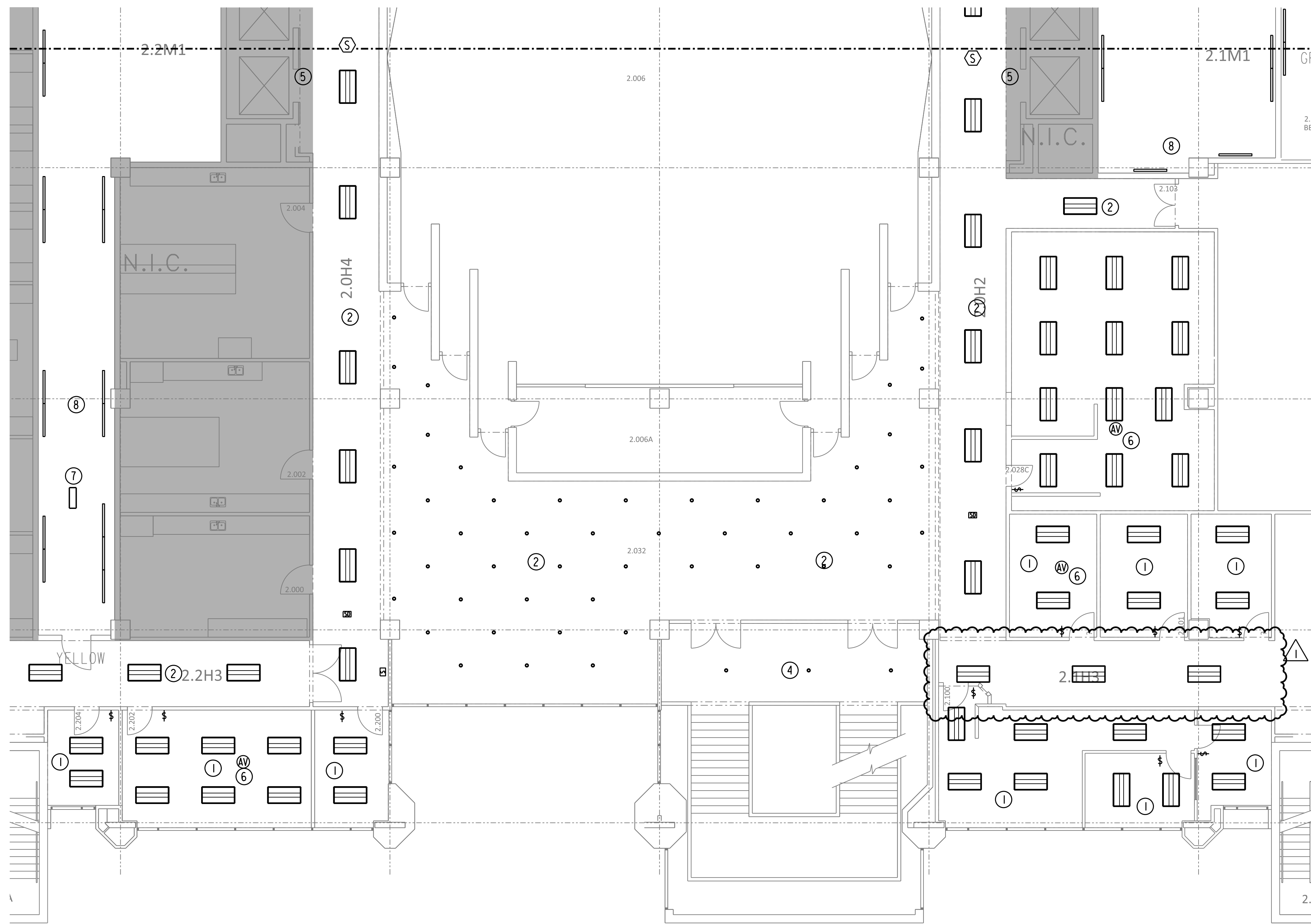
07/25/2019 ADDENDUM #01

**SKETCH: FIRST FLOOR
RENO AREA E
DRAWING: E2.15**

REVISION: CONSTRUCTION

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

DATE: 05-17-2019

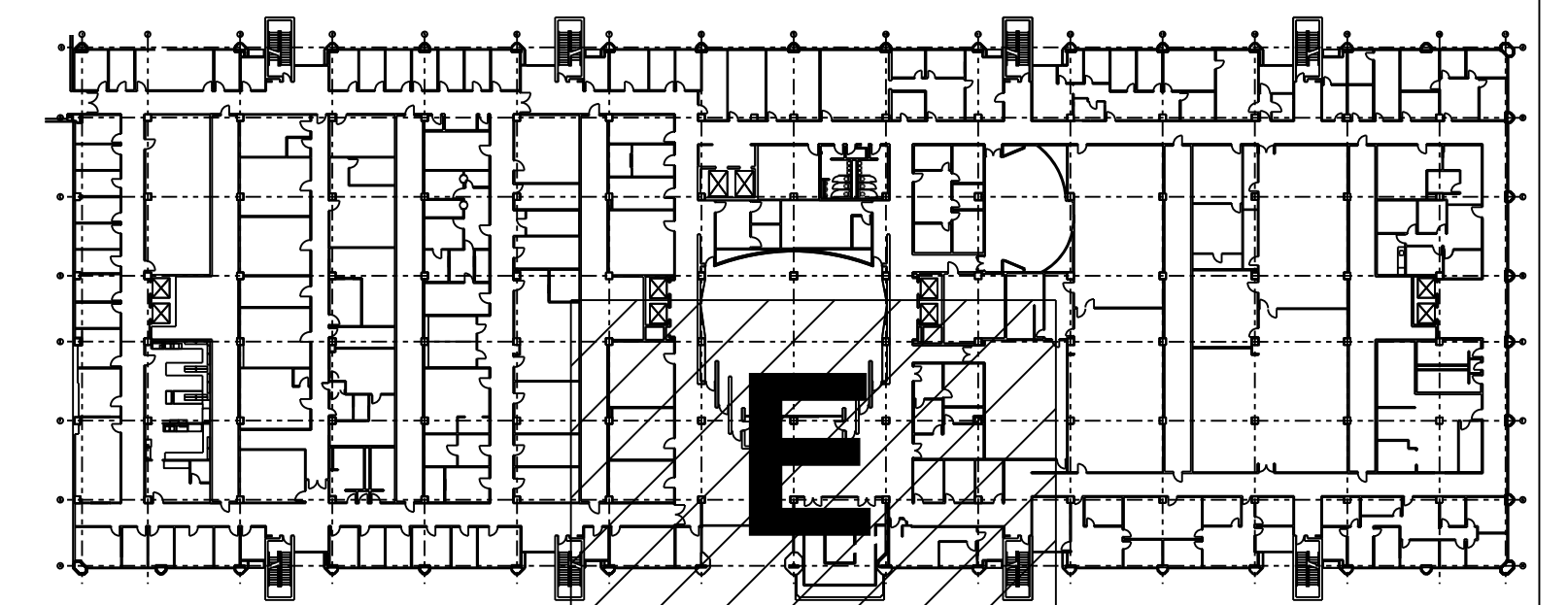


GENERAL NOTES:

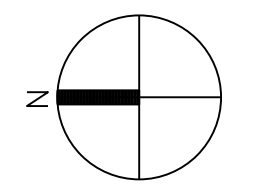
A. THE INTENT OF THE DRAWINGS IS NOT TO RELOCATE SPRINKLER HEADS OR FA DEVICES. IF NEW LIGHT OR DIFFUSER LOCATION DOES NOT WORK WITH EXISTING SPRINKLER/FA DEVICE, PLEASE CONTACT ENGINEER OF RECORD FOR FURTHER DIRECTION. NOTE NEW LIGHTS ARE 3" DEEP. SOME SPRINKLER PIPE ROUTED TIGHT TO THE CEILING MAY NEED TO BE RELOCATED.

DRAWINGS NOTES:

- ① REPLACE LIGHT FIXTURES IN OFFICES WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL ZR24T-40L-40K-CMA WITH CMC-1 SMARTCAST INTEGRAL MOTION AND AMBIENT SENSORS AND WIRELESS COMMUNICATION. LAMP TYPE 4000 LM 4000K K 90 CRI LED <10% THD DIMMING LED DRIVER 120/277V, 44W LAY -IN MOUNT. RECONNECT TO CIRCUIT SERVING THE AREA AND REPLACE EXISTING SWITCHES WITH CRE NO. CFP-IWN WALL SWITCH WITH WIRELESS DIMMING CAPABILITY TO CONTROL ROOM LIGHTING.
- ② IN CORRIDOR REPLACE LIGHT FIXTURES WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL ZR24T-40L-40K-CMA WITH CMC-1 SMARTCAST INTEGRAL MOTION AND AMBIENT SENSORS AND WIRELESS COMMUNICATION. LAMP TYPE 4000 LM 4000K K 90 CRI LED <10% THD DIMMING LED DRIVER 120/277V, 44W LAY -IN MOUNT. RECONNECT TO CIRCUIT SERVING THE AREA AND REPLACE EXISTING SWITCHES WITH CRE NO. CFP-IWN WALL SWITCH WITH WIRELESS DIMMING CAPABILITY TO CONTROL ROOM LIGHTING.
- ③ NOT USED.
- ④ REPLACE/RELOCATE DOWNLIGHT WITH NEW PORTFOLIO LD6A20-DE010TE-ERMA20-80-40 WITH 3000 LM 4000 K 90 CRI LED <10% THD LED DRIVER 120/277V, 44W RECESSED MOUNTING. RECONNECT TO EXISTING HALLWAY SWITCH.
- ⑤ NO NEW LIGHT FIXTURES SHALL REPLACE WITHIN THE CURRENT LIGHTING TROFFER. EGG CRATE TO REPLACE WITH 2X2 CEILING TILES.
- ⑥ ADD AND RELOCATE FIRE ALARM DEVICES AS REQUIRED TO PROVIDE PROPER COVERAGE. PROVIDE SYSTEM PER THE SPECIFICATION.
- ⑦ PROVIDE TWO NEW CIRCUITS FOR CONTROLS POWER FROM THE CHASE. FREE CIRCUITS AT THE TIME OF WALK-THRU ARE:
2LE - 12 - SPARE, 20/22 - SPARE 2-POLE THAT WOULD NEED TO BE REPLACED. CONTRACTOR MAY PROVIDE CIRCUIT THAT IS MOST CONVENIENT TO THE LOCATION. NOTE CIRCUITS USED ON AS-BUILTS.
- ⑧ PROVIDE ALTERNATE PRICING TO REPLACE CURRENT STRIP FIXTURE WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL LS4-40L-40K. REPLACE 3-WAY TIMER SWITCH WITH 3-WAY TOGGLE SWITCH.



01 2ND FLOOR ELECTRICAL/CEILING RENO AREA E PLAN
SCALE: 1/8" = 1' - 0"



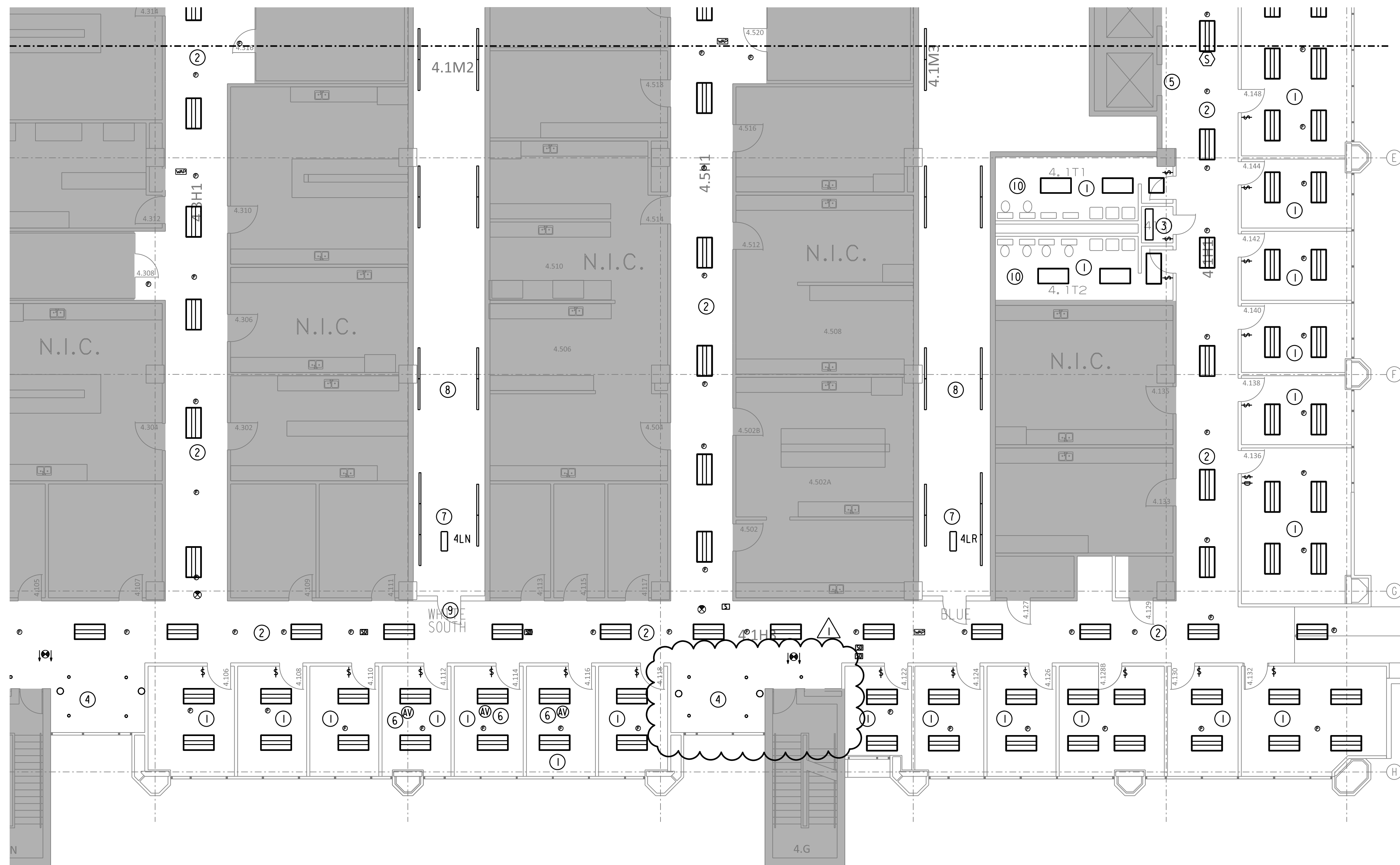
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MSB OFFICE AIR DISTRIBUTION - FLOORS 1-4**

E&C PROJECT # 3300.02

07/25/2019 ADDENDUM #01

SKETCH: SECOND FLOOR
RENO AREA E
DRAWING: E2.25
REVISION: CONSTRUCTION
SCALE: 1/8"=1'-0"
DATE: 05-17-2019

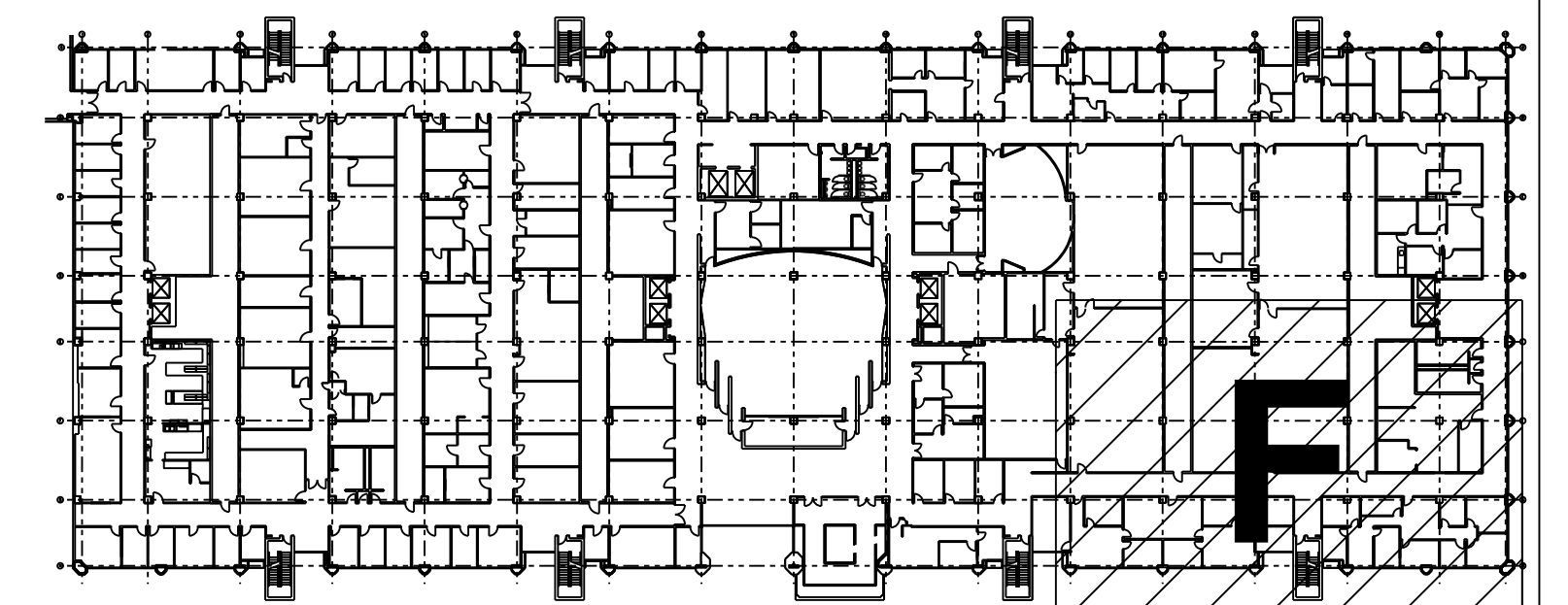


GENERAL NOTES:

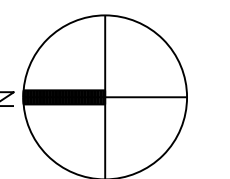
- A. THE INTENT OF THE DRAWINGS IS NOT TO RELOCATE SPRINKLER HEADS OR FA DEVICES. IF NEW LIGHT OR DIFFUSER LOCATION DOES NOT WORK WITH EXISTING SPRINKLER/FA DEVICE, PLEASE CONTACT ENGINEER OF RECORD FOR FURTHER DIRECTION. NOTE NEW LIGHTS ARE 3" DEEP. SOME SPRINKLER PIPE ROUTED TIGHT TO THE CEILING MAY NEED TO BE RELOCATED.

DRAWINGS NOTES:

- ① REPLACE LIGHT FIXTURES IN OFFICES WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL ZR24T-40L-40K-CMA WITH CMC-1 SMARTCAST INTEGRAL MOTION AND AMBIENT SENSORS AND WIRELESS COMMUNICATION, LAMP TYPE 4000 LM 4000K K 90 CRI LED <10% THD DIMMING LED DRIVER 120/277V, 44W LAY -IN MOUNT. RECONNECT TO CIRCUIT SERVING THE AREA AND REPLACE EXISTING SWITCHES WITH CRE NO. CFP-1WN WALL SWITCH WITH WIRELESS DIMMING CAPABILITY TO CONTROL ROOM LIGHTING.
- ② IN CORRIDOR REPLACE LIGHT FIXTURES WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL ZR24T-40L-40K-CMA WITH CMC-1 SMARTCAST INTEGRAL MOTION AND AMBIENT SENSORS AND WIRELESS COMMUNICATION, LAMP TYPE 4000 LM 4000K K 90 CRI LED <10% THD DIMMING LED DRIVER 120/277V, 44W LAY -IN MOUNT. RECONNECT TO CIRCUIT SERVING THE AREA AND REPLACE EXISTING SWITCHES WITH CRE NO. CFP-1WN WALL SWITCH WITH WIRELESS DIMMING CAPABILITY TO CONTROL ROOM LIGHTING.
- ③ IN LOCATIONS WITH HARD CEILING INSETS REPLACE FIXTURES WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL S-WR ESSENTIA LED WRAP-40L-40K. INSERTS SHALL BE SWITCHED WITH THE HALLWAY IN WHICH IT IS LOCATED. NOTE THESE LIGHTS ARE 3" DEEP.
- ④ REPLACE/RELOCATE DOWNLIGHT WITH NEW PORTFOLIO LD6A20-DE010TE-ERMA20-80-40 WITH 3000 LM 4000 K 90 CRI LED <10% THD LED DRIVER 120/277V, 44W RECESSED MOUNTING. RECONNECT TO EXISTING HALLWAY SWITCH.
- ⑤ NO NEW LIGHT FIXTURES SHALL REPLACE WITHIN THE CURRENT LIGHTING TROFFER. EGG CRATE TO REPLACE WITH 2X2 CEILING TILES.
- ⑥ ADD AND RELOCATE FIRE ALARM DEVICES AS REQUIRED TO PROVIDE PROPER COVERAGE. PROVIDE SYSTEM PER THE SPECIFICATION.
- ⑦ PROVIDE TWO NEW CIRCUITS FOR CONTROLS POWER FROM THE CHASE. FREE CIRCUITS AT THE TIME OF WALK-THRU ARE:
4LN - NO SPARES OR SPACES.
4LR - 21/23 SPARE 2 POLE BREAKER THAT MAY BE REPLACED, 27, 33 & 35 SPACE CONTRACTOR MAY PROVIDE CIRCUIT THAT IS MOST CONVENIENT TO THE LOCATION. NOTE CIRCUITS USED ON AS-BUILTS.
- ⑧ PROVIDE ALTERNATE PRICING TO REPLACE CURRENT STRIP FIXTURE WITH NEW LED FIXTURES MANUFACTURED BY CREE MODEL LS4-40L-40K. REPLACE 3-WAY TIMER SWITCH WITH 3-WAY TOGGLE SWITCH.
- ⑨ COORDINATE ADJUSTMENT IN CEILING GRID AS NEEDED TO ALIGN WITH RA DUCT AND GRILLES.
- ⑩ INSTALL MOTION SENSOR IN RESTROOMS TO COVER ALL AREAS. WATTSTOPPER DT-300/BZ-150.



01 4TH FLOOR ELECTRICAL/CEILING RENO AREA F PLAN
SCALE: 1/8"=1'-0"



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E&C PROJECT # 3300.02

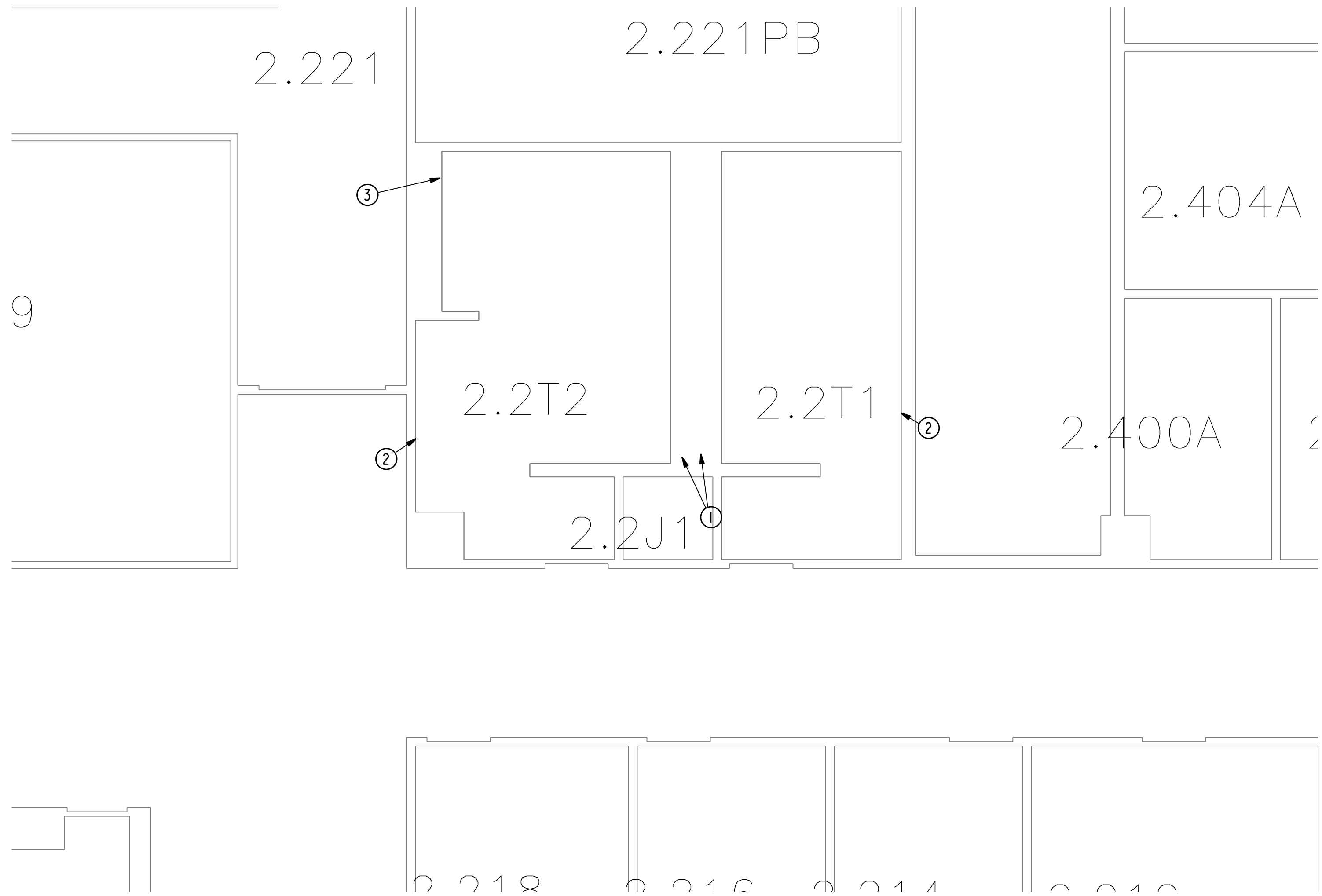
△ 07/25/2019 ADDENDUM #01

SKETCH: FOURTH FLOOR
RENO AREA F
DRAWING: E2.46

REVISION: CONSTRUCTION

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

DATE: 05-17-2019



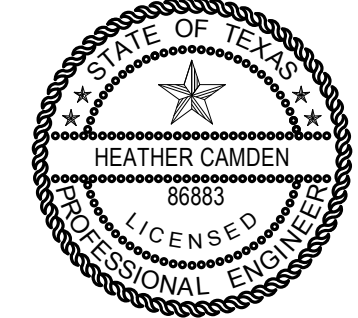
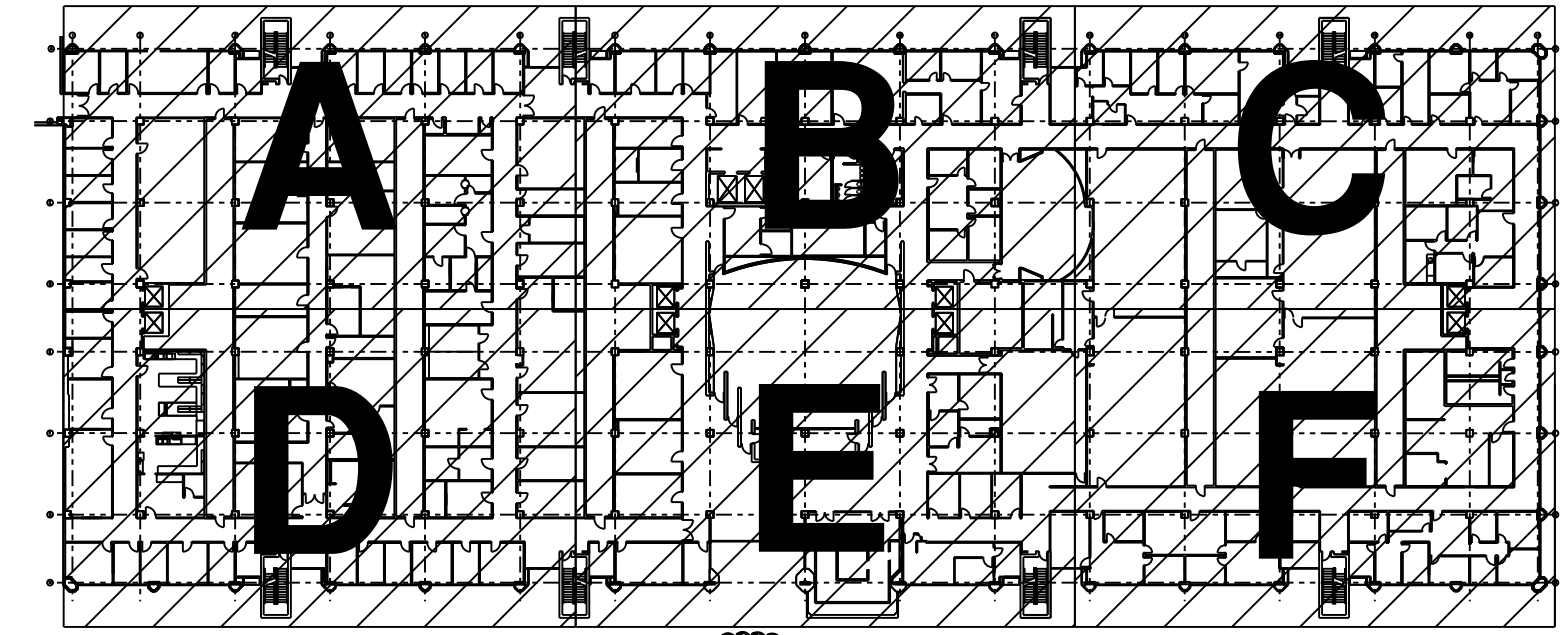
GENERAL NOTES:

A. RE: MEP-000 FOR ADDITIONAL GENERAL NOTES.

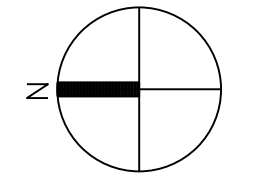
DRAWING NOTES:

- ① PROVIDE INSULATION ON UNDER LAVATORY WATER AND WASTE PIPING FOR ALL THREE LAVATORIES IN THIS RESTROOM TO COMPLY WITH 2012 TEXAS ACCESSIBILITY STANDARDS.
- ② DISCONNECT POWER FROM EXISTING HAND DRYER, RELOCATE ROUGH-IN TO NEW HAND DRYER LOCATION SHOWN ON ARCHITECTURAL DRAWINGS TO COMPLY WITH 2012 TEXAS ACCESSIBILITY STANDARDS AND RECONNECT POWER TO NEW HAND DRYER.
- ③ REPLACE THE EXISTING HANDICAPPED HEIGHT URINAL WITH A NEW TYPE U-1 URINAL WHICH IS COMPLIANT WITH THE 2012 TEXAS ACCESSIBILITY STANDARDS. INSTALL URINAL AT A HEIGHT COMPLIANT WITH THE 2012 TEXAS ACCESSIBILITY STANDARDS. ADJUST OR REPLACE THE EXISTING CARRIER AND MODIFY THE EXISTING PLUMBING AS REQUIRED TO INSTALL THE NEW URINAL. RE: ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

01 TYPICAL FLOOR PLUMBING PLAN
SCALE: 1/4"=1'-0"



THE SEAL APPEARING ON THIS DRAWING WAS AUTHORIZED BY:
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Date: 2019.07.24 19:05:26 -05'00'
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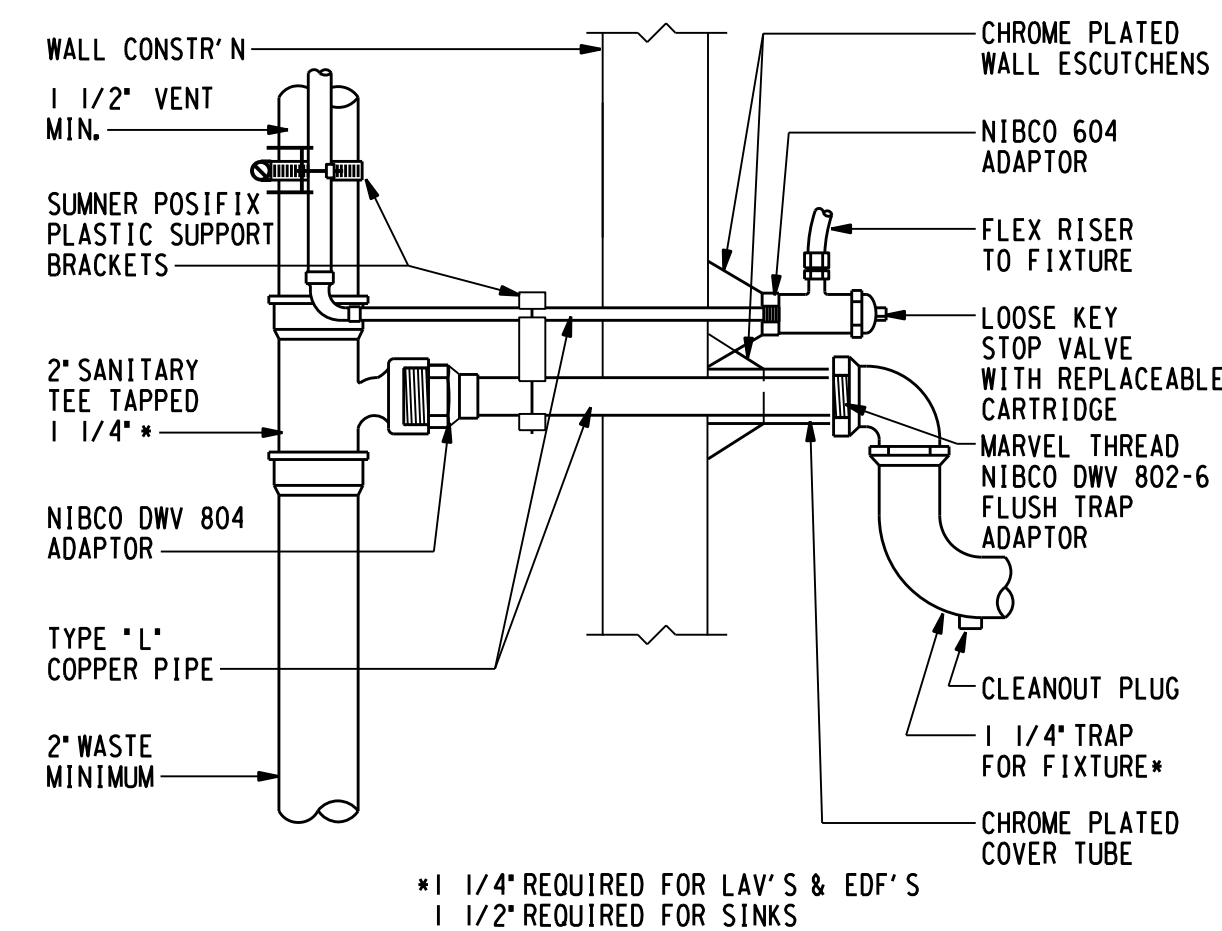
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E&C PROJECT # 3300.02

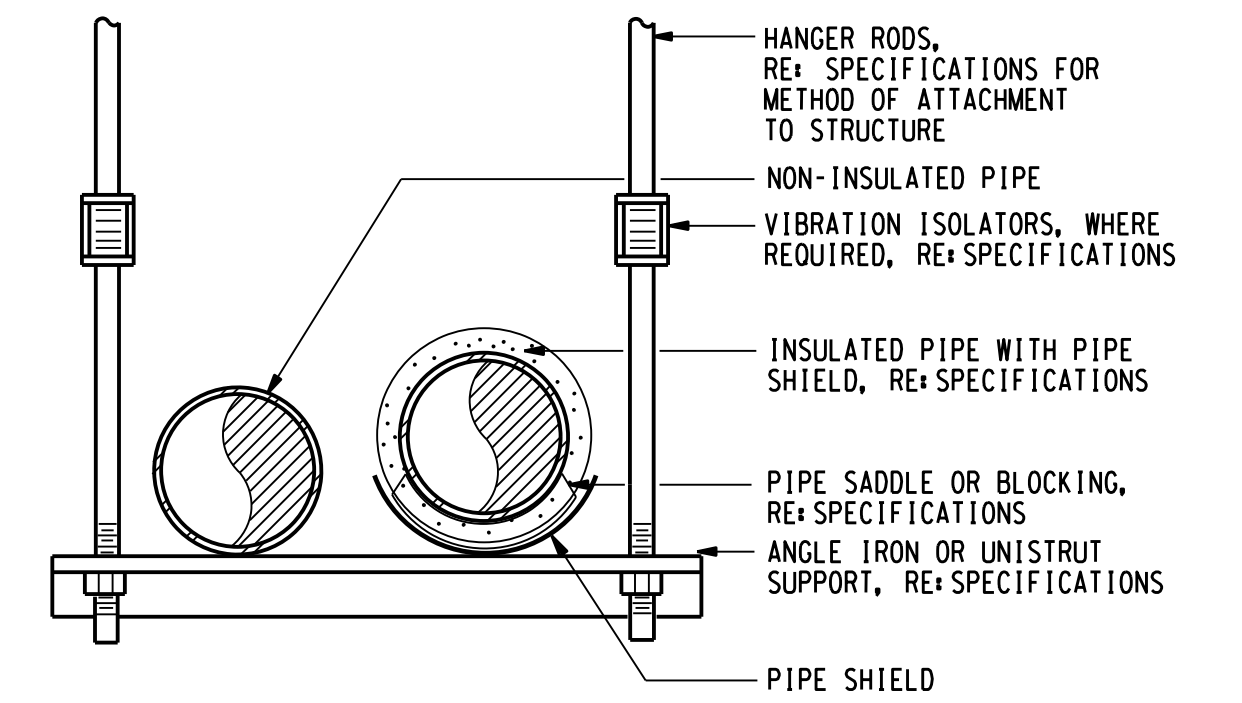
07/25/2019 ADDENDUM #01

SKETCH: PLUMB TYPICAL
DRAWING: P100
REVISION: ADDENDUM 01
SCALE: 1/4"=1'-0"
DATE: 07-24-2019

PLUMBING FIXTURES SCHEDULE								
SYMBOL	DESCRIPTION	PROVIDE THE FOLLOWING SIZE BRANCH CONNECTION TO THE DISTRIBUTION MAIN - UNLESS OTHERWISE SPECIFIED					"P" TRAP SIZE	SPECIFICATIONS
		CW	HW	SAN	VENT	REMARKS		
WC-1	WATER CLOSET	1"	-	4"	2"	1.28 GPF	INTEGRAL	WATER CLOSET: AMERICAN STANDARD MODEL NO. *AFWALL, FLOWISE* 2257.001, WALL HUNG ELONGATED WITH TOP SPUD. FLUSH VALVE: SLOAN, MODEL NO. *ROYAL* 111-1.28, MANUALLY OPERATED, 1.28 GPF. SEAT: OLSONITE MODEL NUMBER 95-SSC, WHITE OPEN FRONT SEAT WITH CONCEALED STAINLESS STEEL CHECK.
WC-2	ADA WATER CLOSET	1"	-	4"	2"	1.28 GPF	INTEGRAL	SAME AS WC-1, EXCEPT, MOUNT AT TAS/ADA MOUNTING HEIGHT.
L-1	ADA LAVATORY	1/2"	1/2"	2"	2"	DROP IN HAND WASH	1 1/4"	LAVATORY: AMERICAN STANDARD *LUCERN* MODEL NO. 0356.041, VITREOUS CHINA, WALL HUNG FIXTURE WITH SINGLE FAUCET HOLE. FAUCET: CHICAGO FAUCET MODEL NUMBER 404-V317ABCP THREE HOLE, DOUBLE LEVER HAND WASH FAUCET. MIXING VALVE: LAWLER MODEL NO. TMM-1070, TEMPERATURE LIMITING UNDERCOUNTER MIXER SET TO SHUT DOWN AT 120°. STOP: CHICAGO FAUCET MODEL NO. 1017-CP, LOOSE KEY WITH 3/8" FLEXIBLE RISER. P-TRAP: MCGUIRE MODEL NO. 8972, 1.25"x1.25". STRAINER: MCGUIRE MODEL NO. 155A, PERFORATED STRAINER WITH 1.25" TAILPIECE. PROVIDE WITH FLOOR MOUNTED ADJUSTABLE ARM CARRIER PER THE SPECIFICATIONS.
MS-1	MOP SINK	3/4"	3/4"	3"	2"	FLOOR MOUNT	3"	SINK: STERN-WILLIAMS MODEL NO. SB300, SERVICESEPTOR, 36"x24"x12" DEEP, STAINLESS STEEL CAPS AND SPLASH GUARDS. FAUCET: CHICAGO FAUCET MODEL NO. 897 245 RCF, WALL MOUNTED FAUCET WITH 3/4" HOSE CONNECTION OUTLET, VACUUM BREAKER SPOUT AND PAIL HOOK. PROVIDE WITH STERN-WILLIAMS NO. T-35, 36" HOSE AND T-40 24" STAINLESS STEEL MOP HANGER. P-TRAP: 3" CAST IRON, EQUAL TO THE REMAINDER OF THE SANITARY PIPING.
FD-1	FLOOR DRAIN					7" ROUND	RE: PLANS	J.R. SMITH MODEL NO. 2005Y-NB CAST IRON DRAIN BODY, WITH ADJUSTABLE 7" ROUND NICKEL BRONZE GRATE. PROVIDE WITH TRAP GUARD BY PRO-SEAL.
U-1	ADA URINAL	3/4"	-	2"	2"	0.125 GPF	INTEGRAL	URINAL: AMERICAN STANDARD MODEL NO. *WASHBROOK, FLOWISE* 6590.001, WALL HUNG TOP SPUD. FLUSH VALVE: SLOAN, MODEL NO. *ROYAL* 186-HEU, MANUALLY OPERATED, .125 GPF. MOUNT AT TAS/ADA MOUNTING HEIGHT.

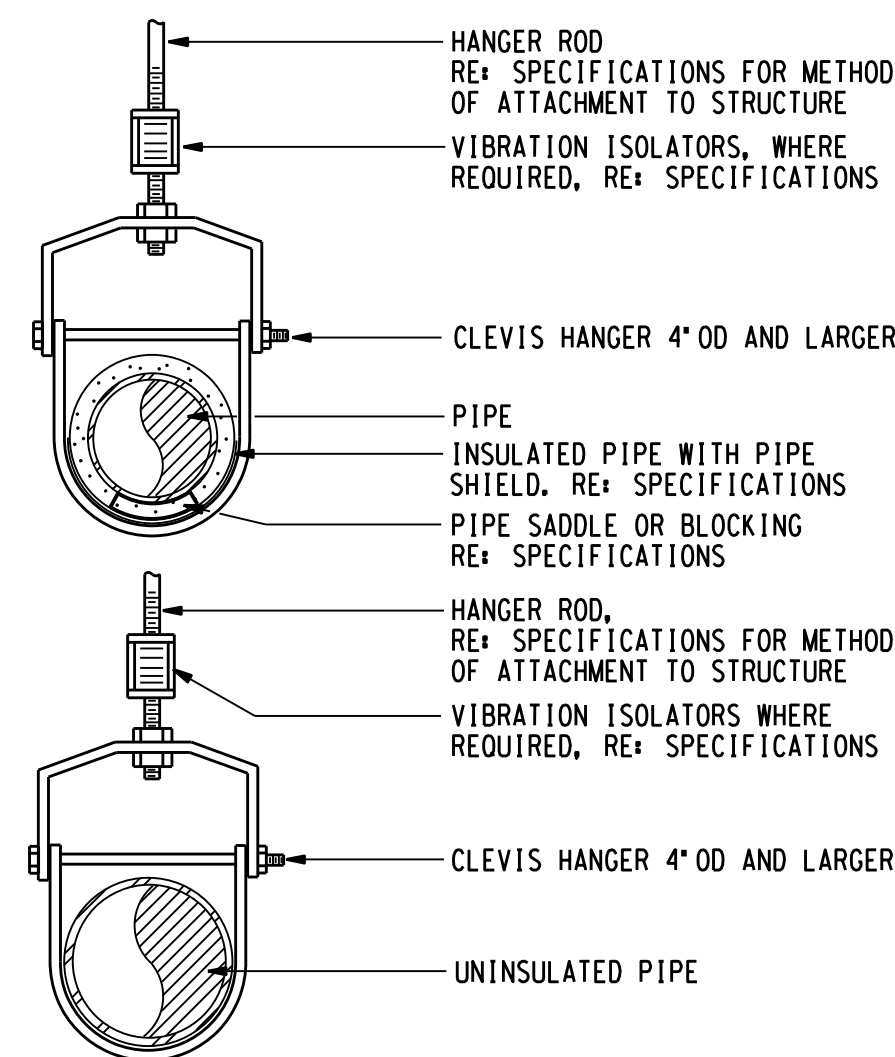


03 TYPICAL LAV/SINK/EDF ROUGH-IN
NOT TO SCALE

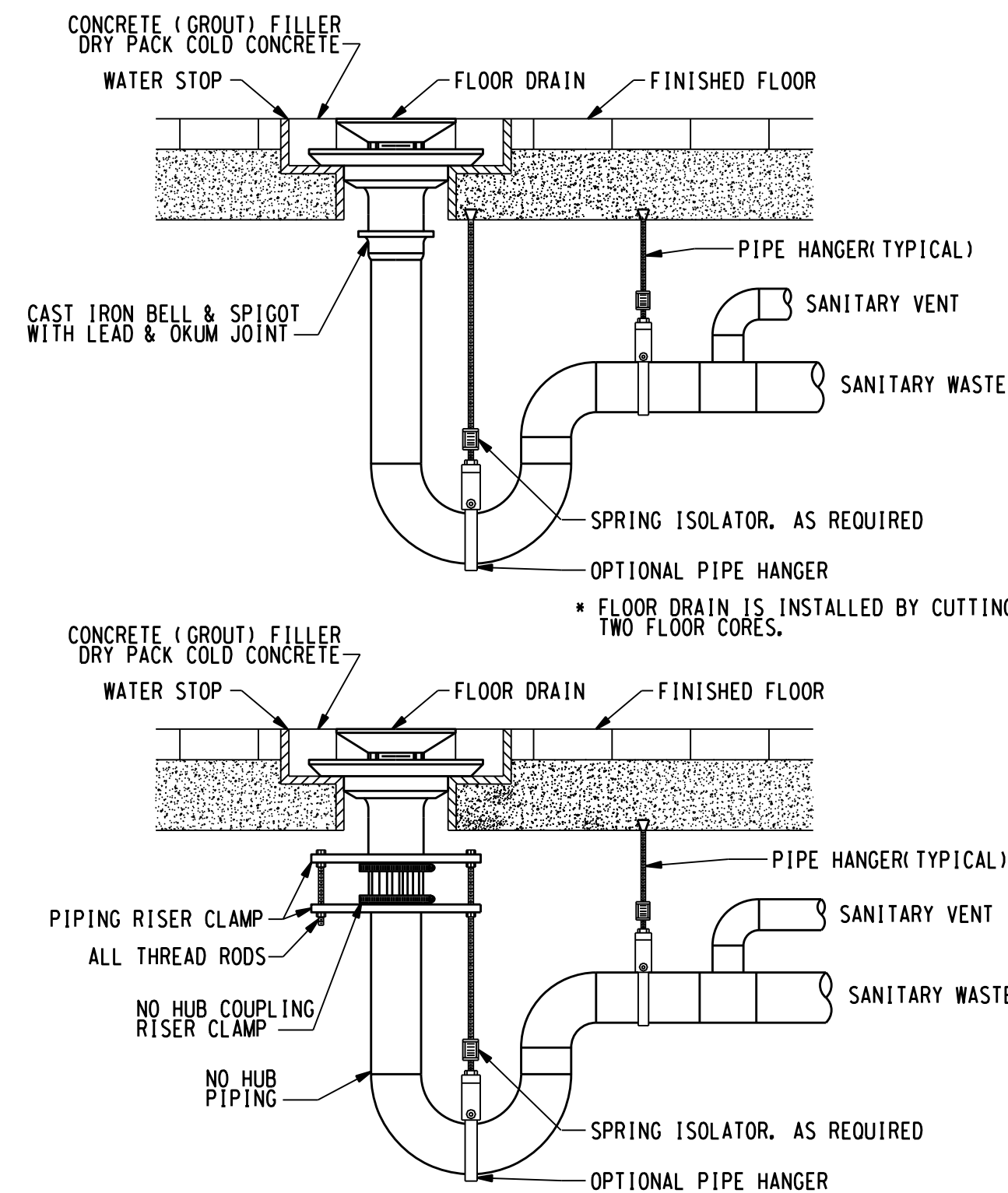


01 TYPICAL TRAPEZE TYPE MULTIPLE PIPE HANGER
NOT TO SCALE

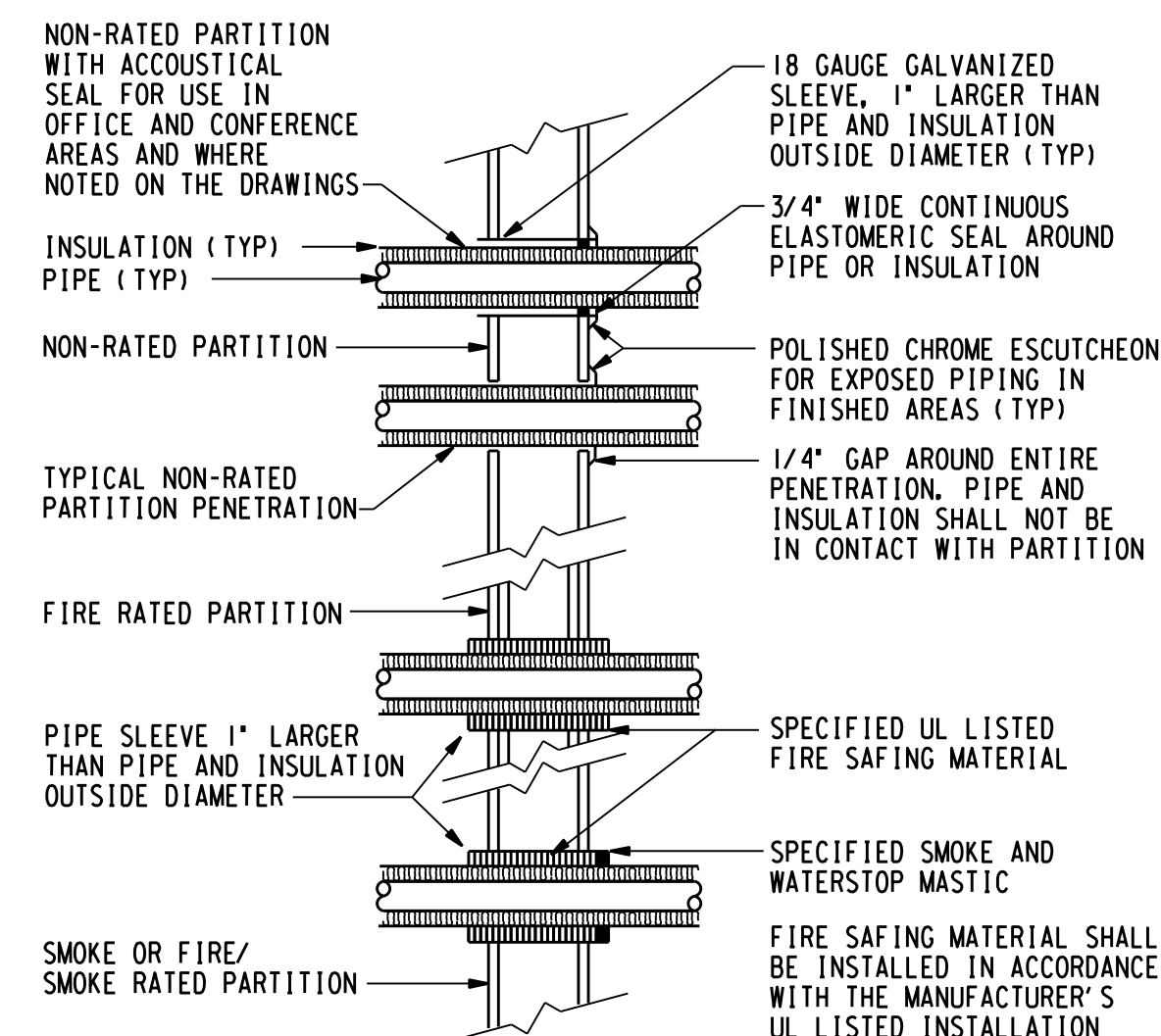
SHOCK ARRESTOR SCHEDULE			
SYMBOL	DESCRIPTION	P.D.I. FIXTURE UNIT RATING	TYPE
SA-A	SHOCK ARRESTOR	1-11	WADE SHOKTROL
SA-B	SHOCK ARRESTOR	12-32	WADE SHOKTROL
SA-C	SHOCK ARRESTOR	33-60	WADE SHOKTROL
SA-D	SHOCK ARRESTOR	61-113	WADE SHOKTROL



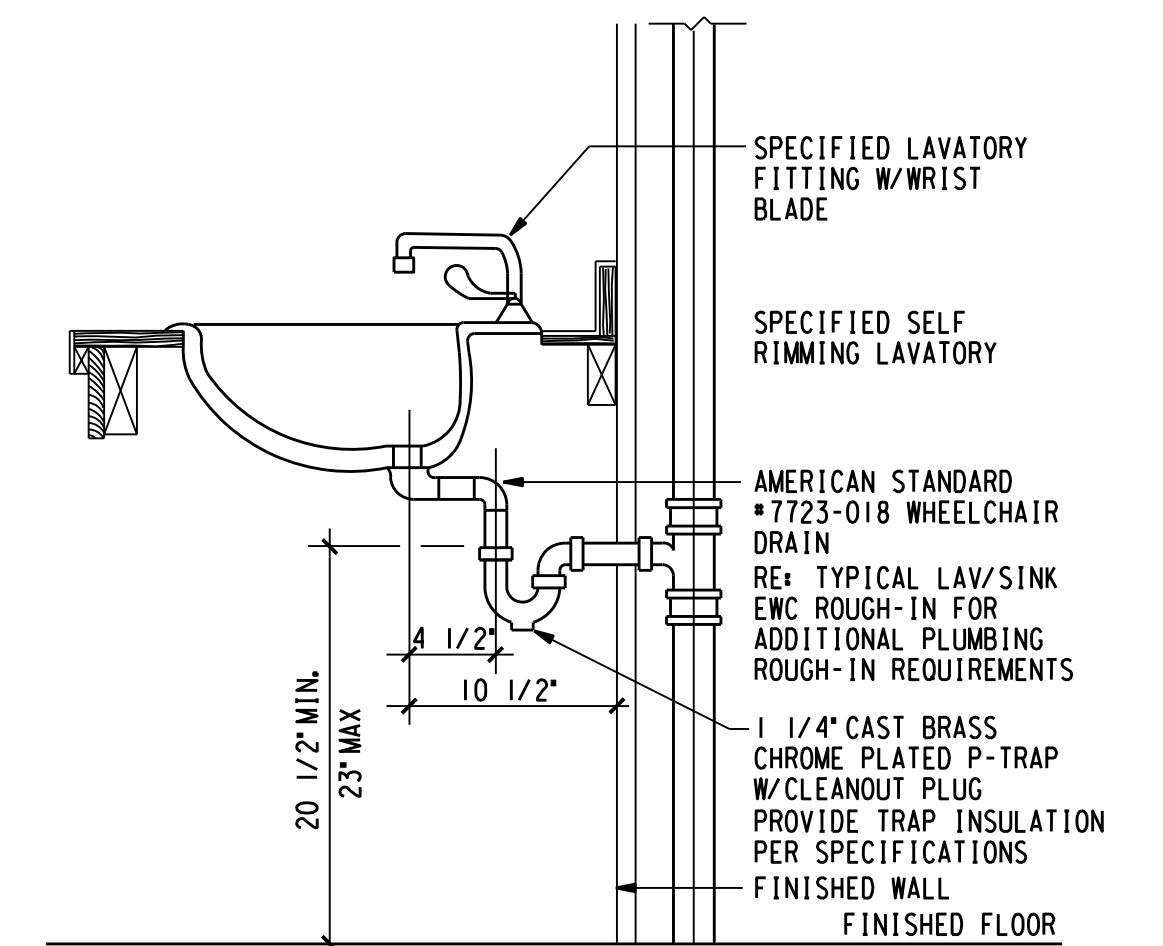
06 TYPICAL SINGLE PIPE HANGER
NOT TO SCALE



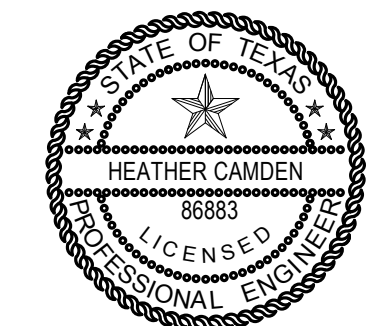
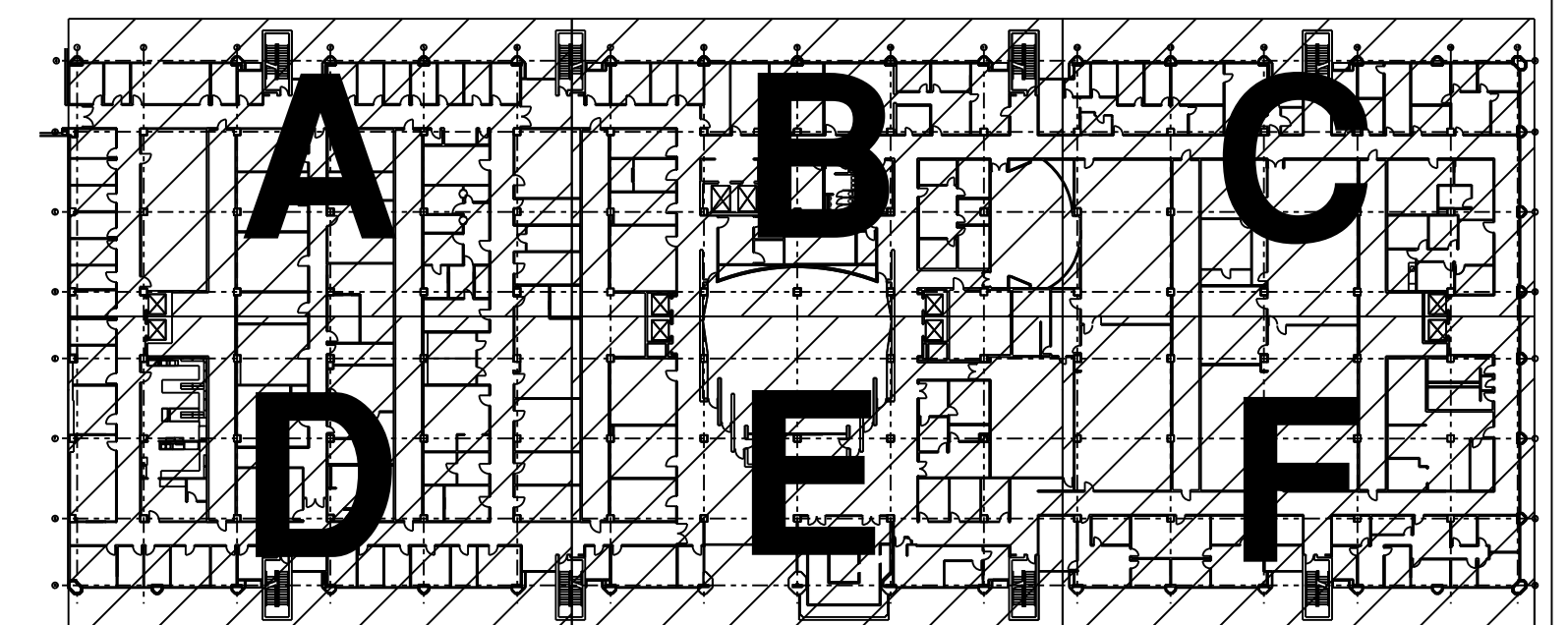
05 RENOVATION (CORED) FLOOR DRAIN INSTALLATION DETAIL
NOT TO SCALE



04 TYPICAL PIPE WALL SLEEVES
NOT TO SCALE



02 HANDICAPPED LAVATORY ROUGH-IN
NOT TO SCALE



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E&C Engineers & Consultants Inc.
Texas Firm Registration No: F-003068

