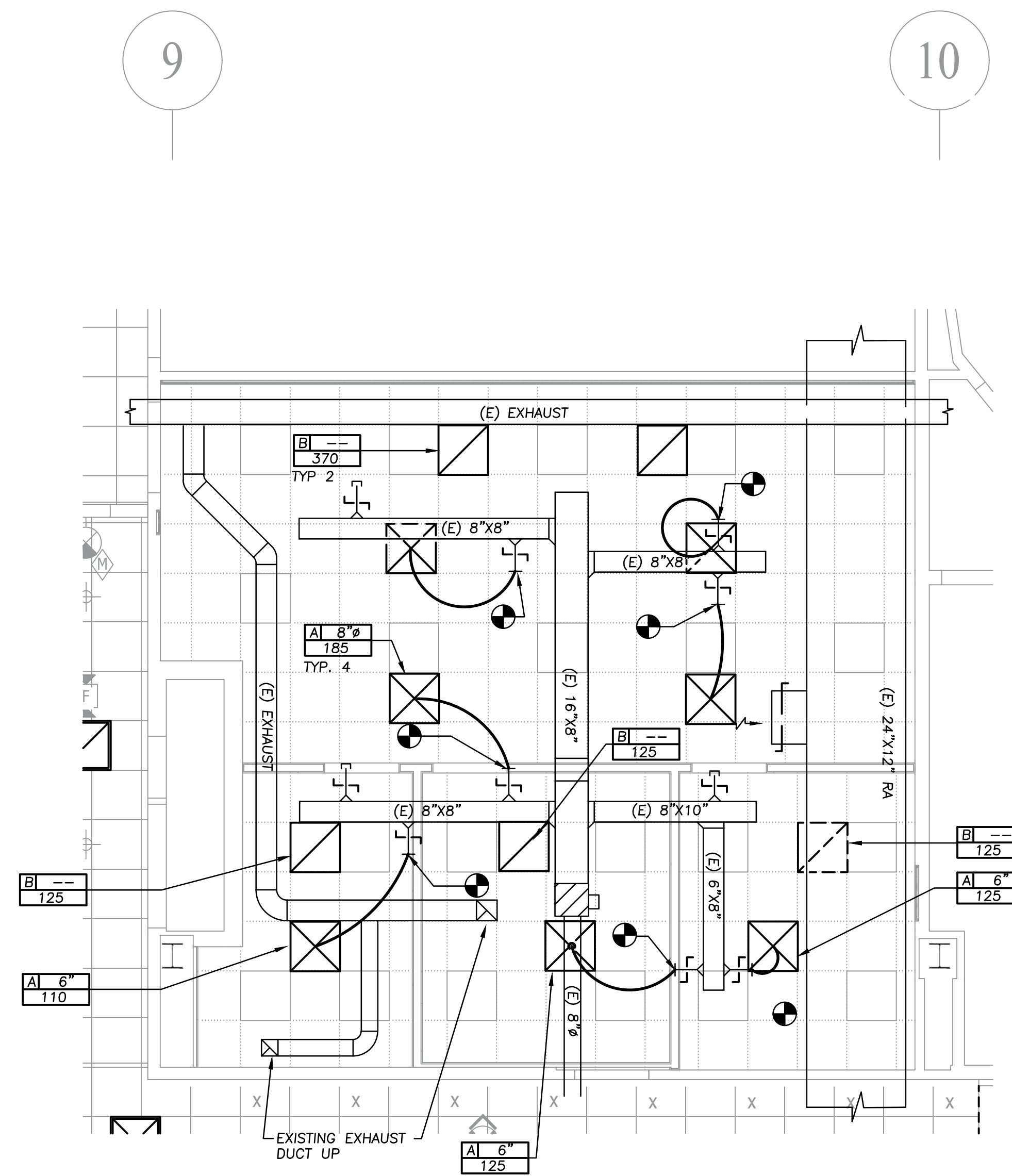


**FLOOR PLAN - MECHANICAL DEMOLITION**

SCALE: 1/4" = 1'-0"

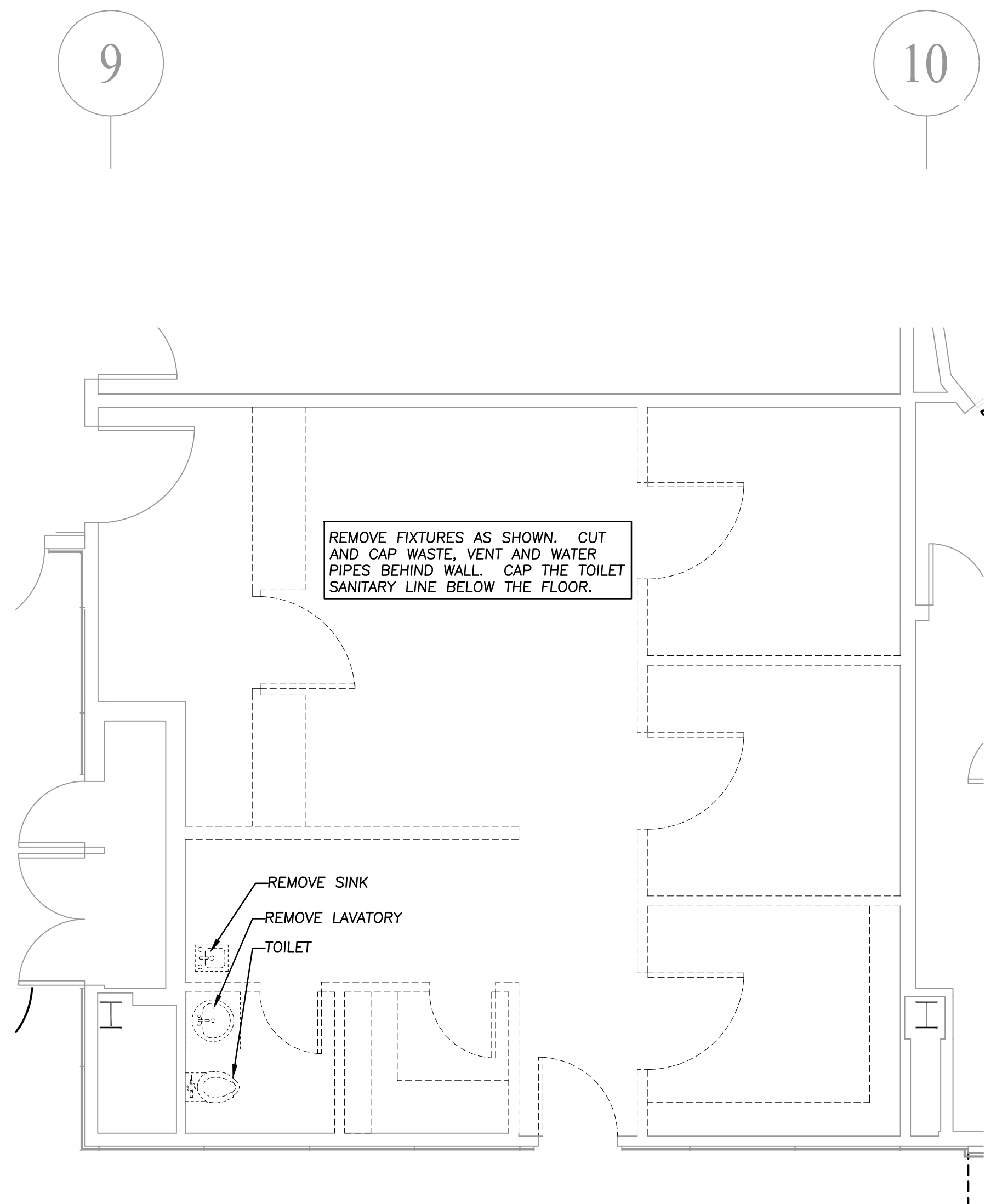
0' 1' 2' 4' 8'



**FLOOR PLAN - MECHANICAL**

SCALE: 1/4" = 1'-0"

0' 1' 2' 4' 8'



**FLOOR PLAN - PLUMBING DEMOLITION**

SCALE: 1/4" = 1'-0"

0' 1' 2' 4' 8'

**GENERAL NOTES**

1. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS ABOVE AND BELOW CEILINGS PRIOR TO DEMOLITION.
2. REMOVE ALL EXISTING LIGHT FIXTURES WITH SUPPLY AND RETURN AIR TROFFERS. REMOVE ALL FLEX DUCT BACK TO THE RIGID METAL DUCTS AS SHOWN.
3. CONTRACTOR SHALL REPAIR ANY DAMAGED DUCT INSULATION WITHIN THE RENOVATED SPACE. INSULATION TYPE AND THICKNESS SHALL MATCH EXISTING.
4. PROVIDE AN INITIAL AIR BALANCE OF EACH SUPPLY AIR DEVICE PRIOR TO DEMOLITION. SUBMIT A REPORT TO THE ENGINEER FOR REVIEW.
5. NEW FLEX DUCT SHALL BE INSULATED AND INCLUDE A METAL HELICAL WIRE TO MAINTAIN THE SHAPE AND INTEGRITY OF THE DUCT. DUCT SHALL BE UL LISTED FOR FLEX DUCT.
6. AIR DEVICES SHALL BE AS SCHEDULED ON THIS SHEET. COLOR AS SELECTED BY THE ARCHITECT.
7. SET EXISTING VAV BOX TO MAX COOLING AIRFLOWSET POINT OF 1,100 CFM. MINIMUM AIRFLOW SET POINT TO 330 CFM.
8. PROVIDE A FINAL BALANCE REPORT AFTER CONSTRUCTION IS COMPLETE. BALANCING SHALL BE DONE BY AN AABC OR NEBB CERTIFIED CONTRACTOR.

**AIR DEVICE SCHEDULE**

MARK	SYSTEM TYPE	MANUFACTURER & MODEL NO.	Remarks
A	SUPPLY DIFFUSER	TITUS TDC, 3-Cone supply Diffuser 24"x24" module, lay-in frame, steel construction	T-Bar lay-in frame
B	RETURN GRILLE	Titus PAR steel perforated hinged return face, with backplate and neck - size as noted, 24"x24" module	T-Bar lay-in frame

Construction Documents for  
Interior Improvement to:  
Indiana Ave Level - Resource Center

District of Columbia Courts  
Capitol Project and Facilities  
Management Division

H. Carl Moultrie I Courthouse  
500 Indiana Avenue NW  
Washington DC 20001

ISSUED FOR: Permit Set  
DATE: 02/28/2020

APPROVALS: \_\_\_\_\_  
DATE: \_\_\_\_\_

NO. \_\_\_\_\_ DESCRIPTION \_\_\_\_\_ DATE \_\_\_\_\_ BY \_\_\_\_\_

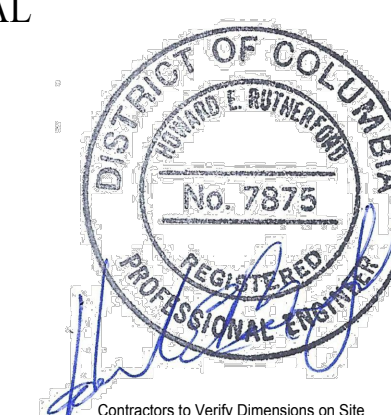
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Accepted By:  
Capital Projects and Facilities Management Officer  
Contracting Officer  
District of Columbia Courts

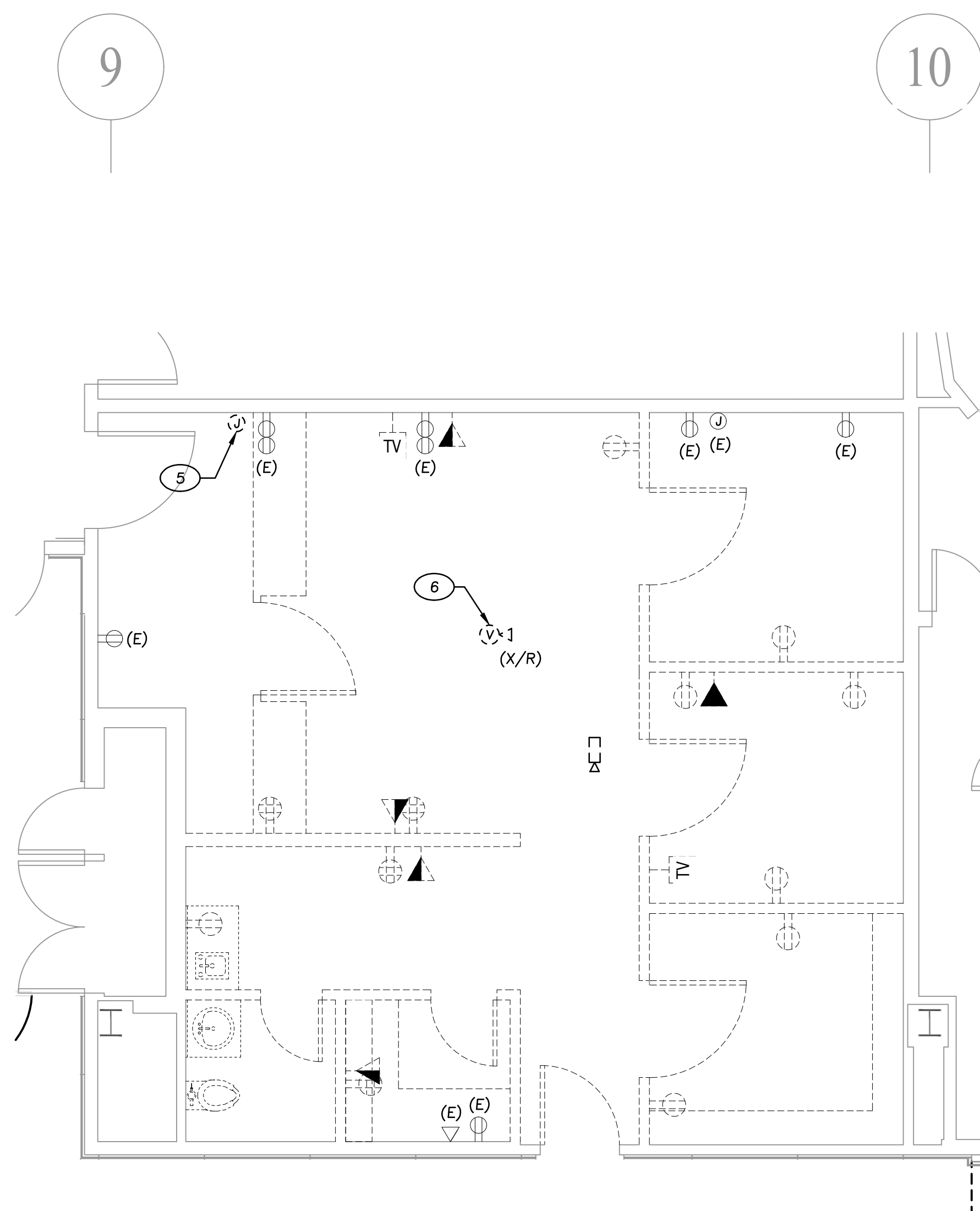
H. Carl Moultrie Courthouse

FLOOR PLANS DEMOLITION &  
MECHANICAL

Date: 02/28/2020  
Scale: As Indicated  
Checked by: SRBR  
Drawn by: SRBR  
Planned by: -







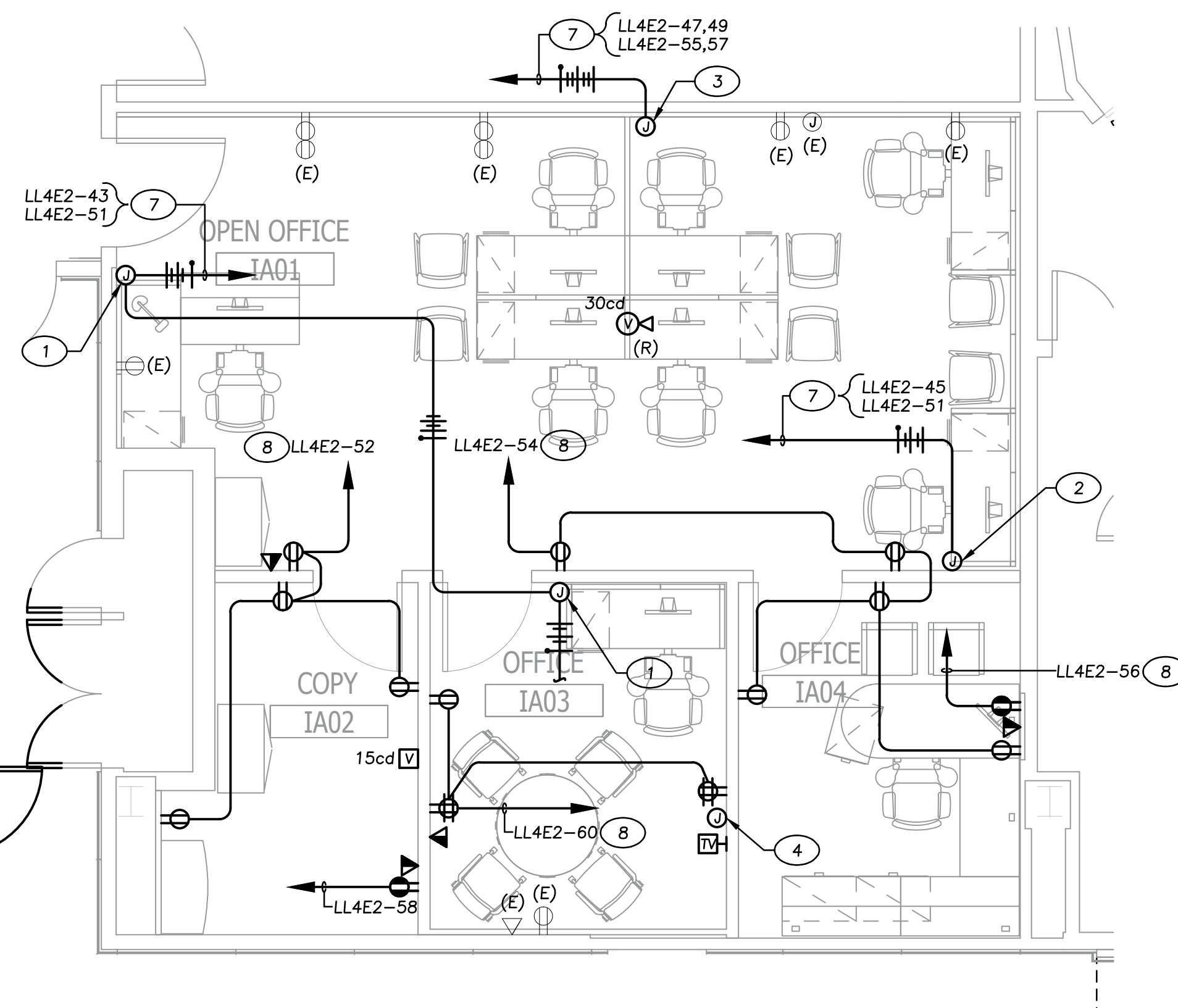
**FLOOR PLAN - DEMOLITION**  
SCALE: 1/4" = 1'-0"

10

H

PANEL 'LH4E'  
PANEL 'LL4E2'  
PANEL 'LL4E1'  
(SEE SCHEDULE ON THIS DRAWING)  
ENCLOSED CIRCUIT  
WIRER  
ENCLOSED CIRCUIT  
WIRER  
PANEL 'LH4E'  
CONTACTOR

9



**FLOOR PLAN - POWER**  
SCALE: 1/4" = 1'-0"

NOTES:  
1. MINIMUM OF 50% OF RECEPTACLES WITHIN EACH OFFICE SHALL BE AUTOMATICALLY CONTROLLED (VIA CONTACTOR & TIMECLOCK).

PANEL LL4E2																
EXISTING PANEL																
VOLTAGE:		120 / 208		A.I.C.:		10k										
PHASE, WIRE:		3 PH, 4 W		400 AMP MAIN		LUGS		MOUNTED:		SURFACE						
CKT	SERVING	C	B	P	TRIP	QTY	AWG	KVA	PH	KVA	QTY	AWG	P	TRIP	SERVING	CKT
1	EXISTING CIRCUIT**	1	20		0.7	A	0.7			1	20		0.7	A	0.7	2
2	EXISTING CIRCUIT**	1	20		0.7	B	0.7			1	20		0.7	B	0.7	4
3	EXISTING CIRCUIT**	1	20		0.7	C	0.7			1	20		0.7	C	0.7	6
4	EXISTING CIRCUIT**	1	20		0.7	A	0.7			1	20		0.7	A	0.7	8
5	EXISTING CIRCUIT**	1	20		0.7	B	0.7			1	20		0.7	B	0.7	10
6	EXISTING CIRCUIT**	1	20		0.7	C	0.7			1	20		0.7	C	0.7	12
7	EXISTING CIRCUIT**	1	20		0.7	A	0.7			1	20		0.7	A	0.7	14
8	EXISTING CIRCUIT**	1	20		0.7	B	0.7			1	20		0.7	B	0.7	16
9	EXISTING CIRCUIT**	1	20		0.7	C	0.7			1	20		0.7	C	0.7	18
10	EXISTING CIRCUIT**	1	20		0.7	A	0.7			1	20		0.7	A	0.7	20
11	EXISTING CIRCUIT**	1	20		0.7	B	0.7			1	20		0.7	B	0.7	22
12	EXISTING CIRCUIT**	1	20		0.7	C	0.7			1	20		0.7	C	0.7	24
13	EXISTING CIRCUIT**	1	20		0.7	A	0.7			1	20		0.7	A	0.7	26
14	EXISTING CIRCUIT**	1	20		0.7	B	0.7			1	20		0.7	B	0.7	28
15	EXISTING CIRCUIT**	1	20		0.7	C	0.7			1	20		0.7	C	0.7	30
16	EXISTING CIRCUIT**	1	20		0.7	A	0.7			1	20		0.7	A	0.7	32
17	EXISTING CIRCUIT**	1	20		0.7	B	0.7			1	20		0.7	B	0.7	34
18	EXISTING CIRCUIT**	1	20		0.7	C	0.7			1	20		0.7	C	0.7	36
19	EXISTING CIRCUIT**	1	20		0.7	A	0.7			1	20		0.7	A	0.7	38
20	EXISTING CIRCUIT**	1	20		0.7	B	0.7			1	20		0.7	B	0.7	40
21	EXISTING CIRCUIT**	1	20		0.7	C	0.7			1	20		0.7	C	0.7	42
22	EXISTING CIRCUIT**	1	20		0.7	A	0.7			1	20		0.7	A	0.7	44
23	EXISTING CIRCUIT**	1	20		0.7	B	0.7			1	20		0.7	B	0.7	46
24	EXISTING CIRCUIT**	1	20		0.7	C	0.7			1	20		0.7	C	0.7	48
25	BASE FEED**	1	20	2	12	1.1	A	0.7		1	20		0.7	A	0.7	50
26	BASE FEED**	1	20	2	12	1.1	B	0.7		1	20		0.7	B	0.7	52
27	BASE FEED**	1	20	2	12	1.1	C	0.7		1	20		0.7	C	0.7	54
28	BASE FEED**	1	20	2	12	1.1	A	0.7		1	20		0.7	A	0.7	56
29	BASE FEED**	1	20	2	12	1.1	B	0.7		1	20		0.7	B	0.7	58
30	BASE FEED**	1	20	2	12	0.4	B	0.7		0.2	2	12	1	0.2	REC - OFFICE**	54
31	BASE FEED**	1	20	2	12	0.5	C	0.9		0.2	2	12	1	0.2	REC - OFFICE**	54
32	BASE FEED**	1	20	2	12	0.5	A	0.2		0.2	2	12	1	0.2	REC - OFFICE**	56
33	BASE FEED**	1	20	2	12	0.5	B	0.2		0.2	2	12	1	0.2	REC - OFFICE**	58
34	BUSSED SPACE							C	0.9		2	12	1	0.2	REC - OFFICE**	60
61	BUSSED SPACE							A							BUSSED SPACE	62
62	BUSSED SPACE							B							BUSSED SPACE	64
63	BUSSED SPACE							C							BUSSED SPACE	66
64	BUSSED SPACE							A							BUSSED SPACE	68
65	BUSSED SPACE							B							BUSSED SPACE	70
66	BUSSED SPACE							C							BUSSED SPACE	72
67	BUSSED SPACE							A							BUSSED SPACE	74
68	BUSSED SPACE							B							BUSSED SPACE	76
69	BUSSED SPACE							C							BUSSED SPACE	78
70	BUSSED SPACE							A							BUSSED SPACE	80
71	BUSSED SPACE							B							BUSSED SPACE	82
72	BUSSED SPACE							C							BUSSED SPACE	84
73	BUSSED SPACE							A							BUSSED SPACE	86
74	BUSSED SPACE							B							BUSSED SPACE	88
75	BUSSED SPACE							C							BUSSED SPACE	90
76	BUSSED SPACE							A							BUSSED SPACE	92
77	BUSSED SPACE							B							BUSSED SPACE	94
78	BUSSED SPACE							C							BUSSED SPACE	96
79	BUSSED SPACE							A							BUSSED SPACE	98
80	BUSSED SPACE							B							BUSSED SPACE	100
TOTAL DEMAND (KVA/PER PHASE):      A - 8.9      B - 8.5      C - 8.8      DESIGN KVA 27      DESIGN AMPS 74																





SCALE:  $1/4" = 1'-0"$

NOTES:

1. REMOVE ALL EXISTING FLUORESCENT LIGHT FIXTURES AND SWITCHING U.N.O. RETAIN CIRCUIT FOR NEW LIGHTS.



SCALE:  $1/4" = 1'-0"$

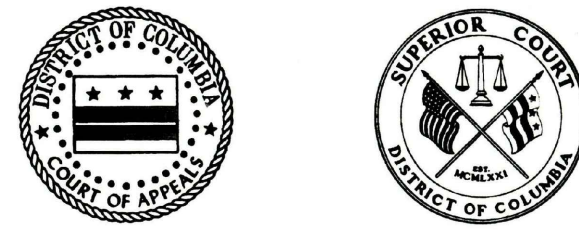
NOTES:

CONNECT EXIT SIGNS AND EMERGENCY LIGHTING AHEAD OF ALL LOCAL SWITCHING.

LIGHTING FIXTURE SCHEDULE											
MARK	FIXTURE DESCRIPTION			REMARKS	VOLT	MOUNTING	LAMPS		LUMENS	MANUFACTURER	TYPICAL LOCATION
	ILLUM.	TYPE	DIFUSER				QTY	WATTS			
R1	LED	2' X 2'	PRISMATIC ACRYLIC	BATWING DISTRIBUTION	277	GRID	1	41	4353	LEDALITE #3627-D1-ST-6B35-S-7-D-E	OFFICES
LIGHTING NOTES:											
1. ALL LAMPS AND L.E.D. FIXTURES SHALL BE 80 COLOR RENDERING INDEX MINIMUM AND KELVIN TEMPERATURE RATING 3500K UNO. CONTRACTOR SHALL SUBMIT LAMP TYPE INFORMATION WITH THE LIGHTING SHOP DRAWING SUBMITTAL.											
2. ALL LED FIXTURES SHALL BE CAPABLE OF DIMMING OPERATION. COORDINATE DIMMER SWITCH, WIRING, AND ALL DIMMING REQUIREMENTS WITH FIXTURE MANUFACTURER. PROVIDE DIMMER SWITCH AND ALL WIRING OUTLET BOXES, ETCETERA, AS NECESSARY FOR COMPLETE DIMMING OPERATION.											
3. RECESSED LIGHT FIXTURE HOUSING THAT IS IN CONTACT WITH INSULATION SHALL BE IC RATED.											
GENERAL FIXTURE NOTES:											
1. FIXTURE MARK IN TYPICAL FOR ALL FIXTURES OF THE SAME SYMBOL TYPE WITHIN THE SAME ROOM OR AREA U.N.O.											
2. FIXTURE CATALOG # ESTABLISHES THE MANUFACTURER'S SERIES # - COMPLETE CATALOG # SHALL BE DETERMINED BY THE SCHEDULE DESCRIPTION, PLAN NOTES AND THE SPECIFICATIONS.											

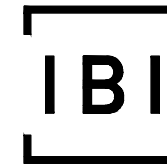
## PLAN NOTES

- 1 CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT.
- 2 CONNECT TO EXISTING 277 VOLT NORMAL LIGHTING CIRCUIT IN THIS AREA.



Indiana Ave Level - Resource Center

H. Carl Moultrie I Courthouse  
500 Indiana Avenue NW  
Washington, DC 20001



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Catonsville, MD 21228  
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**Construction Documents for  
Interior Improvement to:  
Indiana Ave Level - Resource Center**

**District of Columbia Courts  
Capitol Project and Facilities  
Management Division**

**H. Carl Moultrie I Courthouse  
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APPROVALS	DATE		
NO.	DESCRIPTION	DATE	BY

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District of Columbia Courts

H. Carl Moultrie Courthouse

FLOOR PLANS  
DEMOLITION & LIGHTING

Date: 02/28/2020  
Scale: As indicated  
Checked by: SRB  
Drawn by: SRBR  
Planned By: -

