

2 SUITE C185 ELECTRICAL NEW WORK PLAN
1/4" = 1'-0"

PANEL LL2E2															
EXISTING PANEL															
400 AMP MAIN LUGS															
VOLTAGE: 120 / 208															
PHASE, WIRE: 3 PH, 4 W															
A.I.C.: 10k															
MOUNTED: SURFACE															
CKT	SERVING	C/B	WIRE	WIRE	WIRE	C/B	SERVING	CKT	C/B	WIRE	WIRE	WIRE	C/B	SERVING	CKT
1	REC. - ROOM C-185 *	1	20				0.7 A	0.7	1	20				REC. - ROOM C-119 *	2
3	REC. - ROOM C-185 *	1	20				0.7 B	0.7	1	20				REC. - ROOM C-118 *	4
5	UNIT HEATER *	1	20				1.0 C	0.7	1	20				REC. - ROOM C-120 *	6
7	UF DUCT *	1	20				1.0 A	1.0	1	20				UF DUCT *	8
9	UF DUCT *	1	20				1.0 B	0.7	1	20				REC. - ROOM C-175 *	10
11	FAN F3 *	1	20				1.2 C	0.7	1	20				REC. - ROOM C-175 *	12
13	SUBPANEL, ROOM C-215	3	100				6.0 A	6.6	3	100				SUBPANEL, ROOM C-225	14
15							6.0 B	6.6							16
17							6.0 C	6.6							18
19	REC. - ROOM C185 **	1	20	2	12	0.7 A	0.7	2	12	1	20			RM C185B STATIONS **	20
21	REC. - ROOM C185 **	1	20	2	12	0.5 B	0.7	2	12	1	20			RM C185B STATIONS **	22
23	REC. - ROOM C185A **	1	20	2	12	0.9 C	0.4	2	12	1	20			RM C185B STATIONS ***	24
25	REC. - ROOM C185B **	1	20	2	12	0.7 A	0.4	2	12	1	20			RM C185B STATIONS ***	26
27	REC. - ROOM C185 **	1	20	2	12	0.2 B	1.1	2	12	1	20			RM C185B STATIONS **	28
29	REC. - ROOM C185A **	1	20	2	12	0.2 C	0.5	2	12	1	20			RM C185B STATIONS ***	30
31	REC. - ROOM C185B **	1	20	2	12	0.2 A	1.1	2	12	1	20			RM C185B STATIONS **	32
33	RM C185B STATIONS ***	1	20	2	12	0.4 B	1.1	2	12	1	20			RM C185B STATIONS **	34
35	RM C185B STATIONS ***	1	20	2	12	0.4 C	0.5	2	12	1	20			RM C185B STATIONS ***	36
37	RM C185C STATION **	1	20	2	12	0.4 A	0.5	2	12	1	20			RM C185B STATIONS ***	38
39	RM C185B STATIONS **	1	20	2	12	0.7 B	0.7	2	12	1	20			RM C185B STATIONS **	40
41	RM C185B STATIONS **	1	20	2	12	0.9 C	0.7	2	12	1	20			RM C185B STATIONS **	42
43	RM C185B STATIONS ***	1	20	2	12	0.5 A								BUSSED SPACE	44
45	RM C185C STATION ***	1	20	2	12	0.2 B								BUSSED SPACE	46
47	BUSSED SPACE						C							BUSSED SPACE	48
49	BUSSED SPACE						A							BUSSED SPACE	50
51	BUSSED SPACE						B							BUSSED SPACE	52
53	BUSSED SPACE						C							BUSSED SPACE	54
55	BUSSED SPACE						A							BUSSED SPACE	56
57	BUSSED SPACE						B							BUSSED SPACE	58
59	BUSSED SPACE						C							BUSSED SPACE	60
61	BUSSED SPACE						A							BUSSED SPACE	62
63	BUSSED SPACE						B							BUSSED SPACE	64
65	BUSSED SPACE						C							BUSSED SPACE	66
67	BUSSED SPACE						A							BUSSED SPACE	68
69	BUSSED SPACE						B							BUSSED SPACE	70
71	BUSSED SPACE						C							BUSSED SPACE	72
73	BUSSED SPACE						A							BUSSED SPACE	74
75	BUSSED SPACE						B							BUSSED SPACE	76
77	BUSSED SPACE						C							BUSSED SPACE	78
79	BUSSED SPACE						A							BUSSED SPACE	80
81	BUSSED SPACE						B							BUSSED SPACE	82
83	BUSSED SPACE						C							BUSSED SPACE	84
TOTAL DEMAND KVA (PER PHASE): A: 19.6 B: 19.4 C: 19.2 DESIGN KVA: 59 DESIGN AMPS: 163															

* EXISTING CIRCUIT BREAKER AND CIRCUIT TO REMAIN.

** NEW CIRCUIT BREAKER AND CIRCUIT.

*** NEW CIRCUIT BREAKER AND CIRCUIT - PROVIDE ISOLATED GROUND CONDUCTOR.

PLAN NOTES E-03

- (E1) CONNECT STANDARD RECEPTACLES TO EXISTING 120 VOLT RECEPTACLE PANEL LL2E2. SEE CIRCUIT NUMBERS ON PLAN.
- (E2) CONNECT ISOLATED GROUNDING RECEPTACLES TO EXISTING 120 VOLT RECEPTACLE PANEL LL2E2. SEE CIRCUIT NUMBERS ON PLAN.
- (E3) PROVIDE WALL MOUNTED JUNCTION BOX FOR THE FOLLOWING: 8 DUPLEX RECEPTACLES, 4 ISOLATED GROUND RECEPTACLES, 4 DATA DROPS AND 4 TELEPHONE DROPS
- (E4) PROVIDE WALL MOUNTED JUNCTION BOX FOR THE FOLLOWING: 12 DUPLEX RECEPTACLES, 6 ISOLATED GROUNDING DUPLEX RECEPTACLES, 6 DATA DROPS, & 6 TELEPHONE DROPS.
- (E5) PROVIDE WALL MOUNTED JUNCTION BOX FOR THE FOLLOWING: 6 DUPLEX RECEPTACLES, 3 ISOLATED GROUNDING DUPLEX RECEPTACLES, 3 DATA DROPS, & 3 TELEPHONE DROPS.
- (E6) PROVIDE WALL MOUNTED JUNCTION BOX FOR THE FOLLOWING: 8 DUPLEX RECEPTACLES, 4 ISOLATED GROUNDING DUPLEX RECEPTACLES, 4 DATA DROPS, & 4 TELEPHONE DROPS.
- (E7) PROVIDE WALL MOUNTED JUNCTION BOX FOR THE FOLLOWING: 9 DUPLEX RECEPTACLES, 3 ISOLATED GROUNDING DUPLEX RECEPTACLES, 3 DATA DROPS, & 3 TELEPHONE DROPS.
- (E8) PROVIDE WALL MOUNTED JUNCTION BOX FOR THE FOLLOWING: 2 DUPLEX RECEPTACLES, 1 ISOLATED GROUNDING DUPLEX RECEPTACLE, 1 DATA DROP, & 1 TELEPHONE DROP.
- (E9) PROVIDE WALL MOUNTED JUNCTION BOX FOR THE FOLLOWING: 3 DUPLEX RECEPTACLES, 1 TELE/DATA DROP
- (E10) EXISTING PANEL 'LL2E1' (120/208 VOLT, 3 PH, 4 WIRE, 350 AMP MCB).
- (E11) EXISTING PANEL 'LL2E2' (SEE SCHEDULE)
- (E12) EXISTING PANEL 'LH2E' (277/480 VOLT, 3 PH, 4 WIRE, 225 AMP MLO).
- (E13) EXISTING PANEL 'ELH2E' (277/480 VOLT, 3 PH, 4WIRE, 50 AMP MCB).
- (E14) EXISTING PANEL 'LL2EL' (120/208 VOLT, 3 PH, 4WIRE, 100 AMP MLO).
- (E15) REFER TO ARCHITECTURAL PLANS FOR DEVICES TO BE REMOVED AND RELOCATED.

APPROVAL STAMP

CLIENT NAME & LOGO

ARCHITECT & ENGINEER NAME & LOGO

PROJECT

KEY PLAN

SUBMISSION

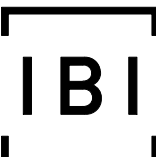
REVISIONS

SHEET



C Street Renovation-Suite C -185 Modification

H. Carl Moultrie 1 courthouse
500 Indiana Avenue NW
Washington DC 2001



IBI GROUP
Architects, Planners & Interior Designers
1505 Prince Street - Suite 200
Alexandria VA 22314-2852 USA
tel 703.836.9600 fax 703.836.2484
ibigroup.com

Mechanical / Electrical / Plumbing Engineer

SRBR Engineers Inc.
757 Frederick Road Suite 300
Catonsville, MD 21228
tel 410.869.7282

Construction Documents for
Interior Improvement to:
C Street Renovation-Suite C
-185 Modification

District of Columbia Courts
Capitol Projects and Facilities
Management Division

H. Carl Moultrie 1 courthouse
500 Indiana Avenue NW
Washington DC 2001

Project Title

Client Name

Building Address

ISSUED FOR	DATE
ISSUED FOR PERMIT	11/08/2019

APPROVALS	DATE
-----------	------

NO.	DESCRIPTION	DATE	BY
-----	-------------	------	----

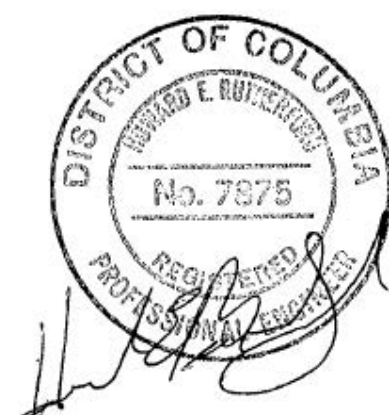
This drawing and the design shown hereon are the property of IBI Group. The reproduction, copying, or other use of the drawing without their written consent is prohibited and any infringement will be subject and any infringement will be subject to legal action.

Accepted By:

Capital Projects and Facilities Management Officer
Contracting Officer
District of Columbia Courts

**C Street Level Renovation - Suite
C-185 Modification
FLOOR PLAN - SUITE C185 - C STREET
LEVEL - POWER**

Date: 11/08/19
Scale: 1/4" = 1'-0"
Checked by: Checker
Drawn by: Author
Planned by: Designer



Project Number

E-03

