

PLAN NOTES E-01	
Note Number	Note Text
E1	CONNECT STANDARD RECEPTACLES TO EXISTING 120 VOLT RECEPTACLE PANEL LL7D2. SEE CIRCUIT NUMBERS ON PLAN.
E2	CONNECT ISOLATED GROUNDING RECEPTACLES TO EXISTING 120 VOLT RECEPTACLE PANEL LL7D2. SEE CIRCUIT NUMBERS ON PLAN.
E3	EXISTING PANEL 'LL7D1' (120/208 VOLT, 3 PHASE, 4 WIRE, 350 AMP MCB).
E4	EXISTING PANEL 'LL7D2' - SEE SCHEDULE
E5	EXISTING PANEL 'ELH7D' (277/480 VOLT, 3 PHASE, 4 WIRE, 50 AMP MCB).
E6	EXISTING PANEL 'LH7D' (277/480 VOLT, 3 PHASE, 4 WIRE, 250 AMP MCB).
E7	CONNECT TO EXISTING AREA 120 VOLT CIRCUIT SERVING DEMO'D RECEPTACLES.
E8	PROVIDE A WALL MOUNTED JUNCTION BOX FOR THE FOLLOWING: 9 STANDARD RECEPTACLES, 3 ISOLATED GROUND RECEPTACLES, 3 DATA DROPS AND 3 TELEPHONE DROPS.
E9	PROVIDE A WALL MOUNTED JUNCTION BOX FOR THE FOLLOWING: 4 STANDARD RECEPTACLES, 2 ISOLATED GROUND RECEPTACLES, 2 DATA DROPS, AND 2 TELEPHONE DROPS.
E10	CONTRACTOR TO VERIFY EXISTING DEVICES TO BE REMOVED.

Fourth Floor East Suite 4475 Renovations

H. Carl Moultrie 1 Courthouse
500 Indiana Avenue NW
Washington DC 20001

IBI GROUP
Architects, Planners & Interior Designers
1505 Prince Street - Suite 200
Alexandria VA 22314-2862 USA
tel 703.836.8600 fax 703.836.2484
ibigroup.com

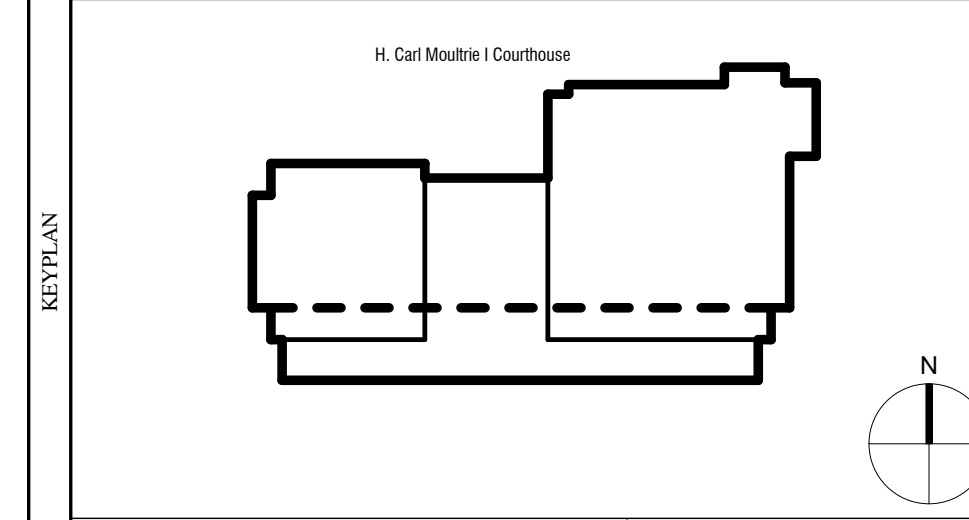
Mechanical / Electrical / Plumbing Engineer

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

Project Title
Fourth Floor East Suite 4475 Renovations

Client Name
**District of Columbia Courts
Capital Projects and Facilities
Management Division**

Building Address
**H. Carl Moultrie 1 Courthouse
500 Indiana Avenue NW
Washington DC 20001**



SUBMITTER	ISSUED FOR		DATE	
	ISSUED FOR PERMIT		11/08/2019	
APPROVALS			DATE	
REVIEWER	NO.	DESCRIPTION	DATE	BY

This drawing and the design shown herein 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

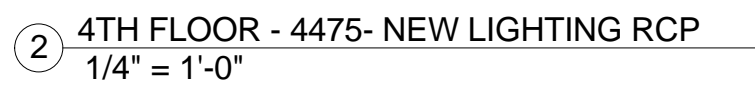
H. Carl Moultrie Courthouse

FLOOR PLAN - SUITE 4475 - C STREET LEVEL - POWER

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

ELECTRICAL SYMBOL LIST	
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE - STANDARD, 125 VOLT, 18" A.F.F.
	DUPLEX RECEPTACLE - STANDARD, 125 VOLT, 44" A.F.F.
	DUPLEX RECEPTACLE - GFI PROTECTED, 125 VOLT, 44" A.F.F. AT COUNTER, OTHERWISE AT 18" A.F.F.
	ELECTRIC WATER COOLER - PROVIDE DEDICATED CIRCUIT WITH GFCI PROTECTION. (VERIFY ELECTRICAL REQUIREMENTS AND MOUNTING HEIGHTS PRIOR TO ROUGH-IN)
	DUPLEX RECEPTACLE - WP AND GFI PROTECTED, 125 VOLT, 18" A.F.F.
	DUPLEX RECEPTACLE - ISOLATED GROUND, 125 VOLT, 18" A.F.F. ORANGE FINISH.
	DUPLEX RECEPTACLE - PC/COMMUNICATION, 125 VOLT, 18" A.F.F. GRAY FINISH. (PROVIDE WITH DEDICATED NEUTRAL PER CIRCUIT)
	QUAD OUTLET, ONE STANDARD 125 VOLT DUPLEX RECEPTACLE & ONE 125 VOLT PC DUPLEX RECEPTACLE, MOUNTED AT 18" A.F.F. UNLESS NOTED OTHERWISE.
	QUAD OUTLET, TWO 125 VOLT DUPLEX RECEPTACLES MOUNTED AT 18" A.F.F. UNLESS NOTED OTHERWISE.
	SIMPLEX RECEPTACLE - SPECIAL PURPOSE, VERIFY CONFIGURATION, 18" A.F.F.
	FLOOR BOX DATA OUTLET, FLUSH IN FLOOR.
	FLOOR BOX COMBINATION VOICE/DATA OUTLET, FLUSH IN FLOOR.
	TELEVISION OUTLET - MATV/CATV SYSTEM, 18" A.F.F.
	JUNCTION OR PULL BOX - SIZE PER N.E.C. UNLESS NOTED OTHERWISE.
	MULTI-OUTLET RACEWAY - SIMPLEX OUTLETS 12" ON CENTER UNLESS NOTED OTHERWISE. MOUNT ABOVE COVER.
	SWITCH - SINGLE POLE, DOUBLE POLE, THREE WAY, FOUR WAY, SUPERSCRIPIT DENOTES OUTLETS CONTROLLED. 44" A.F.F. PROVIDE NEUTRAL CONDUCTOR AT ALL SWITCHES.
	SWITCH - DIMMER, MOUNT AT 44" A.F.F. PROVIDE NEUTRAL CONDUCTOR AT ALL SWITCHES.
	SWITCH - KEY OPERATED, PILOT LIGHT, MOTOR RATED. PROVIDE NEUTRAL CONDUCTOR AT ALL SWITCHES.
SYMBOL	DESCRIPTION
	SWITCH - REO-STAT FOR FAN CONTROL. PROVIDE NEUTRAL CONDUCTOR AT ALL SWITCHES.
	CONTACTOR. SEE PLANS FOR SPECIFICATIONS
	MANUAL THERMAL MOTOR STARTER. SIZE OVERLOAD AS REQUIRED.
	TIME CLOCK
	MOTOR CONNECTION. SEE SCHEDULE FOR HP RATING UNLESS NOTED OTHERWISE.
	CONTROL EQUIPMENT
	PHOTOCELL - CIRCUIT CONTROLLED AS INDICATED ON PLANS.
	WIRING UP
	WIRING DOWN
	WIRING CONCEALED ABOVE CEILING OR IN WALL (2 CONDUCTORS + EQUIPMENT GROUND MINIMUM UNLESS NOTED OTHERWISE).
	WIRING BELOW GRADE OR BELOW FINISHED SLAB (1/2"X12" C. - 2x10 + 1x10 EQUIPMENT GROUND MINIMUM UNLESS NOTED OTHERWISE).
	WIRING: NEUTRAL (OVERSIZED TICK), 2 PHASE CONDUCTORS
	WIRING: INSULATED EQUIPMENT GROUND CONDUCTOR
	WIRING: INSULATED ISOLATED GROUND (I.G.) CONDUCTOR
	WIRING: INSULATED REDUNDANT GROUND (PER HEALTH FACILITY REQUIREMENTS)
	HOMERUN TO PANEL (SOURCE PANEL & CIRCUIT NUMBERS, AS INDICATED)
	FLEXIBLE WIRING - CONDUCTORS TO MATCH SUPPLY CIRCUIT
	ELECTRICAL PANEL: 120/208 VOLT - SURFACE, RECESSED MOUNTED
	ELECTRICAL PANEL: 277/480 VOLT - SURFACE, RECESSED MOUNTED
	PLAN NOTE - REFER TO NOTES ON DRAWING.
	EQUIPMENT CONNECTION NOTE - SEE SCHEDULE.
	SYMBOL INDICATES 24 HOUR LIGHT (NIGHT LIGHT)
	OCCUPANCY SENSOR
POWER DISTRIBUTION SYMBOLS	
SYMBOL	DESCRIPTION
	INDICATES 3-POLE/3-PHASE, 225A TRIP (FRAME RATING FOR SWITCH)
	INDICATES 2-POLE/1-PHASE, 100A TRIP (FRAME RATING FOR SWITCH)
	INDICATES 60A FUSE RATING
	FUSED SWITCH
	CIRCUIT BREAKER
	MOTOR CONNECTION - 3 PHASE
	MOTOR CONNECTION - 1 PHASE
FEEDER LEGEND	
DESIGNATION	DESCRIPTION
X SETS	QTY. OF PARALLEL SETS (1 SET IF BLANK)
3WXXX	WIRE SIZE IN AWG.
1NXXX N	NEUTRAL SIZE
1EXXX G	EQUIPMENT GROUND
1IXXX IG	ISOLATED GROUND
X"C	CONDUIT SIZE
ABBREVIATIONS	
DESIGNATION	DESCRIPTION
A.F.F.	ABOVE FINISHED FLOOR (TO CENTERLINE UNO)
C	CONDUIT
C/B	CIRCUIT BREAKER
CFSS	COMBINATION FUSED STARTER SWITCH
ECB	ENCLOSED CIRCUIT BREAKER
EWC	ELECTRIC WATER COOLER (VERIFY MTD.)
G	EQUIPMENT GROUND
GFP	GROUND FAULT INTERRUPTER C/B
GFI	GROUND FAULT CIRCUIT INTERRUPTER
FSS	FUSED SAFETY SWITCH
IG	ISOLATED GROUND
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
EXISTING CONDITIONS	
DESIGNATION	DESCRIPTION
	PHANTOM DEVICES TO BE REMOVED
(N)	NEW EQUIPMENT
(E)	EXISTING EQUIPMENT TO REMAIN
(R)	EXISTING EQUIPMENT RELOCATED
(X)	EXISTING EQUIPMENT TO BE REMOVED
(XR)	EXISTING EQUIPMENT TO BE RELOCATED
NOTE:	ALL EQUIPMENT SHOWN IS NEW U.N.O.
NFSS	NON-FUSED SAFETY SWITCH
NL	NIGHTLIGHT (24 HOUR OPERATION)
PC	PC/COMMUNICATION OUTLET
S-1	SECTION #1 OF 2 SECTION PANEL (PROVIDE PANEL WITH FEED THRU LUGS)
S-2	SECTION #2 OF 2 SECTION PANEL
SHUNT	SHUNT TRIP CIRCUIT BREAKER
SP	SURGE SUPPRESSOR
SN	SUPER NEUTRAL
TG	TRANSFORMER GROUND
UNO	UNLESS NOTED OTHERWISE
WP	WEATHERPROOF (NEMA 3R UNO)

* EXISTING CIRCUIT BREAKER AND CIRCUIT TO REMAIN.
 ** RE-USE EXISTING SPARE CIRCUIT BREAKER FOR NEW CIRCUIT AS INDICATED.
 *** RE-USE EXISTING SPARE CIRCUIT BREAKER FOR NEW CIRCUIT AS INDICATED - PROVIDE ISOLATED GROUND CONDUCTOR



<p>INTERIOR LIGHTING NOTES:</p> <ol style="list-style-type: none"> ALL LAMPS AND L.E.D. FIXTURES SHALL BE 80 COLOR RENDERING INDEX MINIMUM AND KELVIN TEMPERATURE RATING AS SELECTED BY THE ARCHITECT. CONTRACTOR SHALL SUBMIT LAMP TYPE INFORMATION WITH THE LIGHTING SCHEDULE DRAWING SUBMITTAL. ALL L.E.D. 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. LIGHT FIXTURE STYLE, SHADE/LENS AND FINISH SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT. RECESSED LIGHT FIXTURE HOUSING THAT IS IN CONTACT WITH INSULATION SHALL BE IC RATED. REFER TO ARCHITECTURAL PLANS, DETAILS, ELEVATIONS, AND SECTIONS FOR MOUNTING AND TYPICAL LOCATION OF L.E.D. TAPE LIGHT. 	
<p>GENERAL FIXTURE NOTES:</p> <ol style="list-style-type: none"> FIXTURE MARK IN TYPICAL FOR ALL FIXTURES OF THE SAME SYMBOL TYPE WITHIN THE SAME ROOM OR AREA U.N.O. FIXTURE CATALOG # ESTABLISHES THE MANUFACTURER'S SERIES #. COMPLETE CATALOG # SHALL BE DETERMINED BY THE SCHEDULE DESCRIPTION, PLAN NOTES AND THE SPECIFICATIONS. THE CONTRACTOR SHALL WORK WITH THE LIGHTING AND CONTROL MANUFACTURER TO TEST THE FINAL LIGHTING SYSTEM TO INSURE PROPER CALIBRATION AND OPERATION. 	

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

