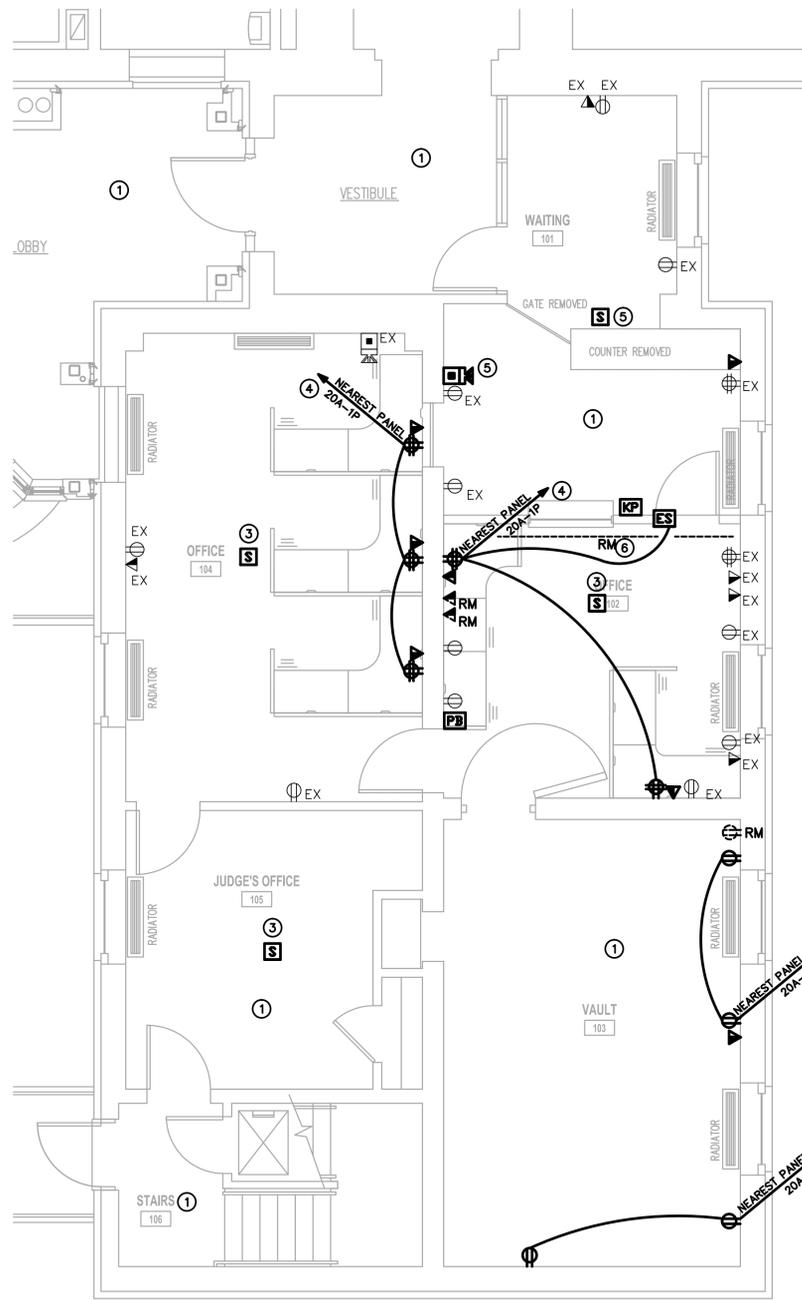


LIGHTING PART PLAN:



POWER AND FIRE ALARM PART PLAN:

DRAWING KEY NOTES:

- ① EXISTING TO REMAIN IN THIS AREA.
- ② REMOVE EXISTING SURFACE MOUNTED LIGHTING FIXTURES, RECIRCUIT AS SHOWN AND CONNECT TO EXISTING LIGHTING BRANCH CIRCUIT IN THIS AREA
- ③ EXISTING CEILING MOUNTED SMOKE DETECTOR IN THIS AREA TO BE REMOVED. PROVIDE NEW SMOKE DETECTOR MOUNTED ON NEW CEILING AND EXTEND EXISTING WIRING TO NEW DEVICE.
- ④ PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANEL FOR HOMERUN
- ⑤ NEW SMOKE DETECTOR AND HORN/STROBE, EXTEND EXISTING SLC AND NOTIFICATION CIRCUITS TO NEW DEVICES.
- ⑥ REMOVE EXISTING CARPET MOULDING

GENERAL DRAWING NOTES (APPLIES TO ALL DRAWINGS):

- A. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHTING FIXTURES, SWITCHES, DEVICES AND OUTLETS.
- B. JUNCTION OR OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER. PROVIDE ARCHITECT APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.
- C. SEE ARCHITECTURAL DRAWINGS FOR LIGHTING FIXTURE SPECIFICATIONS. IF DISCREPANCIES EXIST BETWEEN ARCHITECTURAL AND ENGINEERING INFORMATION OBTAIN CLARIFICATION PRIOR TO PROCEEDING.
- D. MULTIPLE SWITCHES SHOWN IN SAME LOCATION SHALL BE GANGED TOGETHER WITH A COMMON FACEPLATE.
- E. LIGHTING FIXTURES UTILIZING ELECTRONIC BALLASTS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL.
- F. CONNECT EXIT SIGNS AND EMERGENCY LIGHTING LED DRIVERS TO NEAREST LIGHTING BRANCH CIRCUIT AHEAD OF ALL SWITCHES. UNITS SHALL MONITOR LOCAL LIGHTING CIRCUIT AND OPERATE UPON LOSS OF NORMAL POWER.
- G. PROVIDE DEDICATED NEUTRAL CONDUCTORS FOR EACH BRANCH CIRCUIT.
- I. ALL WIRING IS 2#12 & 1#12 GND TYPE MC CABLE, UNLESS NOTED OTHERWISE. WIREMOLD TYPE SURFACE RACEWAY TO BE USED ON EXISTING MASONRY WALL. LOCATIONS OF RACEWAYS TO BE REVIEWED WITH ARCHITECT PRIOR TO INSTALLATION.
- J. ALL WIRING SHALL BE RUN CONCEALED WHERE PHYSICALLY POSSIBLE. IN AREAS WITHOUT CEILINGS, EXPOSED RACEWAYS SHALL BE INSTALLED NEATLY AND ROUTED PARALLEL TO OR AT RIGHT ANGLES TO BUILDING STRUCTURE/LINES.
- K. WIRING SHOWN ON PLANS ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE ROUTING IN FIELD WITH OTHER TRADES AND FIELD CONDITIONS.
- L. COORDINATE RECEPTACLE LOCATIONS AND MOUNTING HEIGHTS WITH FURNITURE PRIOR TO INSTALLATION. MOVE OUTLETS, UP TO 10"-0", TO PREVENT BLOCKAGE BY FURNITURE COMPONENTS, VANITY PANELS, ETC.

ABBREVIATIONS

ABBV.	DESCRIPTION	ABBV.	DESCRIPTION
F.A.	FIRE ALARM	GFI	GROUND FAULT INTERRUPTER
CLG.	CEILING	RM	REMOVE
REQD.	REQUIRED	N	NEW
MTD.	MOUNTED	EX	EXISTING
MIN.	MINIMUM	RL	EXISTING TO BE RELOCATED
C/B	CIRCUIT BREAKER	NL	NEW LOCATION
AFF	ABOVE FINISHED FLOOR	RE	REPLACE EXISTING

ELECTRICAL SYMBOL LIST

⊕	20A-120V DUPLEX RECEPTACLE. MOUNT @ 18" AFF UNLESS NOTED OTHERWISE. SUBLETTER "d" INDICATES MOUNTING HEIGHT OF 42" AFF OR 7" ABOVE COUNTER HEIGHT
⊕	DOUBLE DUPLEX RECEPTACLE CONSISTING OF TWO SINGLE RECEPTACLES UNDER A COMMON FACEPLATE. MOUNT AT 18" AFF UNLESS NOTED OTHERWISE.
▼▼▼	TEL, DATA AND TEL/DATA OUTLET LOCATIONS PROVIDE 4", DEEP BACKBOX WITH 1" CONDUIT TO ABOVE ACCESSIBLE CEILING LOCATION DEVICES AND CABLE BY OTHERS. MOUNT @ 18" AFF UNLESS NOTED OTHERWISE. SUBLETTER "w" INDICATES MOUNTING HEIGHT OF 54" AFF. SUBLETTER "d" INDICATES MOUNTING HEIGHT OF 42" AFF OR 7" ABOVE COUNTER HEIGHT FOR TEL/DATA (SPLIT TRIANGLE) LOCATIONS PROVIDE TWO (2) CAT-6 DROPS WITH JACKS, FACEPLATE AND CABLE HOMERUNS TO TEL/DATA CLOSET. TERMINATE CABLE AT BOTH ENDS. FOR TELEPHONE OR DATA LOCATIONS PROVIDE ONE (1) CAT-6 DROP WITH JACK, FACEPLATE AND CABLE HOMERUN TO TEL/DATA CLOSET. TERMINATE CABLE AT BOTH ENDS.
S	LIGHT SWITCH, HUBBELL HBL1221, MOUNT AT 42" AFF. SUBLETTER "3" INDICATES 3-WAY. SUBLETTER "M" INDICATES MOTION SENSOR
OS	OCCUPANCY SENSOR WITH REMOTE POWER PACK
PP-1 20A-1P	HOMERUN, TOP NUMBER INDICATES PANEL, BOTTOM NUMBER INDICATES BREAKER SIZE. WIRE IS 2#12 & 1#12 GND IN 3/4" C UNLESS NOTED OTHERWISE.
H	FIRE ALARM HORN STROBE, NEW TO MATCH BUILDING STANDARD
S	FIRE ALARM SMOKE DETECTOR, NEW TO MATCH BUILDING STANDARD
A & AE	RECESSED 2X4 LED LIGHTING FIXTURE. CORELITE # E3X-WL-3L35-1C-UNV-24-T1-STD TYPE AE WITH EMERGENCY BATTER DRIVER
EXIT	LED EXIT SIGN, NEW TO MATCH BUILDING STANDARD
KP	DOOR ACCESS CONTROL KEYPAD. PROVIDE RECESSED BACKBOX AND 3/4" CONDUIT UP TO ACCESSIBLE CEILING.
PB	DOOR ACCESS CONTROL PUSHBUTTON. PROVIDE RECESSED BACKBOX AND 3/4" CONDUIT UP TO ACCESSIBLE CEILING.
ES	DOOR ACCESS CONTROL ELECTRIC STRIKE WITH JUNCTION BOX MOUNTED ABOVE CEILING FOR POWER CONNECTION



**General Renovations
PROBATE
COURT**
740 Main Street
East Hartford, CT



date	description	no.

**ELECTRICAL
PART PLANS**

E-1

date	05 JANUARY 2016
drawn	BBO
scale	AS NOTED
checked	BBO
project no.	16010