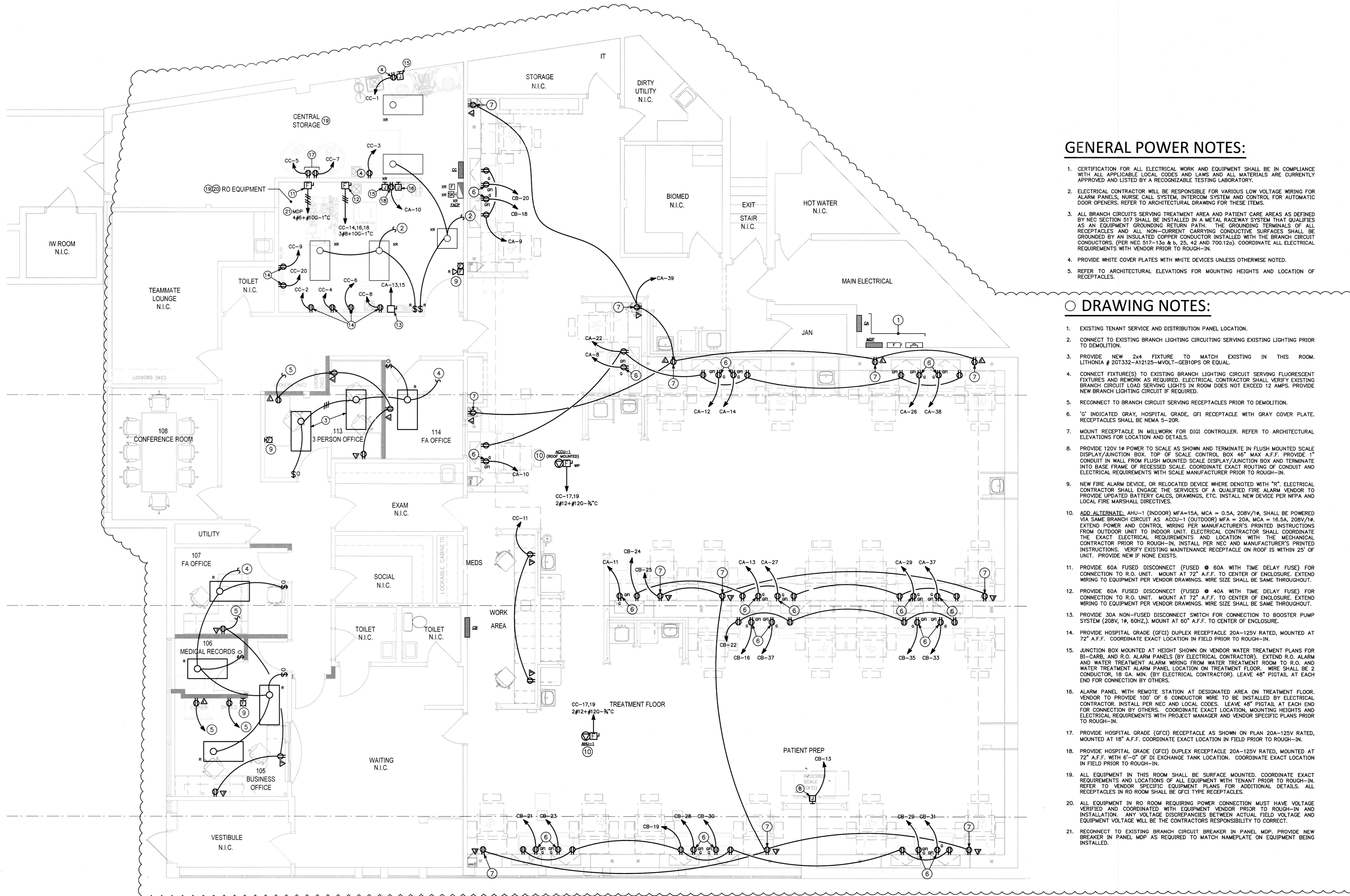


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GENERAL POWER NOTES:

- CERTIFICATION FOR ALL ELECTRICAL WORK AND EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL APPLICABLE LOCAL CODES AND LAWS AND ALL MATERIALS ARE CURRENTLY APPROVED AND LISTED BY A RECOGNIZABLE TESTING LABORATORY.
- ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR VARIOUS LOW VOLTAGE WIRING FOR ALARM PANELS, NURSE CALL SYSTEM, INTERCOM SYSTEM AND CONTROL FOR AUTOMATIC DOOR OPENERS. REFER TO ARCHITECTURAL DRAWING FOR THESE ITEMS.
- ALL BRANCH CIRCUITS SERVING TREATMENT AREA AND PATIENT CARE AREAS AS DEFINED BY NEC SECTION 517 SHALL BE INSTALLED IN A METAL RACEWAY SYSTEM THAT QUALIFIES AS AN EQUIPMENT GROUNDING RETURN PATH. THE GROUNDING TERMINALS OF ALL RECEPTACLES AND ALL NON-CURRENT CARRYING CONDUCTIVE SURFACES SHALL BE GROUNDED BY AN INSULATED COPPER CONDUCTOR INSTALLED WITH THE BRANCH CIRCUIT CONDUCTORS. (PER NEC 517-13a & b, 25, 42 AND 700.12a). COORDINATE ALL ELECTRICAL REQUIREMENTS WITH VENDOR PRIOR TO ROUGH-IN.
- PROVIDE WHITE COVER PLATES WITH WHITE DEVICES UNLESS OTHERWISE NOTED.
- REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATION OF RECEPTACLES.

DRAWING NOTES:

- EXISTING TENANT SERVICE AND DISTRIBUTION PANEL LOCATION.
- CONNECT TO EXISTING BRANCH LIGHTING CIRCUIT SERVING EXISTING LIGHTING PRIOR TO DEMOLITION.
- PROVIDE NEW 2x4 FIXTURE TO MATCH EXISTING IN THIS ROOM. LITHONIA # 20T332-A12125-MVOLT-GE810PS OR EQUAL.
- CONNECT FIXTURE(S) TO EXISTING BRANCH LIGHTING CIRCUIT SERVING FLUORESCENT FIXTURES AND REWORK AS REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING BRANCH CIRCUIT LOAD SERVING LIGHTS IN ROOM DOES NOT EXCEED 12 AMPS. PROVIDE NEW BRANCH LIGHTING CIRCUIT IF REQUIRED.
- RECONNECT TO BRANCH CIRCUIT SERVING RECEPTACLES PRIOR TO DEMOLITION.
- 'G' INDICATED GRAY, HOSPITAL GRADE, GFI RECEPTACLE WITH GRAY COVER PLATE. RECEPTACLES SHALL BE NEMA 5-20R.
- MOUNT RECEPTACLE IN MILLWORK FOR DIGI CONTROLLER. REFER TO ARCHITECTURAL ELEVATIONS FOR LOCATION AND DETAILS.
- PROVIDE 120V 1A POWER TO SCALE AS SHOWN AND TERMINATE IN FLUSH MOUNTED SCALE DISPLAY/JUNCTION BOX. TOP OF SCALE CONTROL BOX 48" MAX A.F.F. PROVIDE 1" CONDUIT IN WALL FROM FLUSH MOUNTED SCALE DISPLAY/JUNCTION BOX AND TERMINATE INTO BASE FRAME OF RECESSED SCALE. COORDINATE EXACT ROUTING OF CONDUIT AND ELECTRICAL REQUIREMENTS WITH SCALE MANUFACTURER PRIOR TO ROUGH-IN.
- NEW FIRE ALARM DEVICE, OR RELOCATED DEVICE WHERE DENOTED WITH "R". ELECTRICAL CONTRACTOR SHALL ENGAGE THE SERVICES OF A QUALIFIED FIRE ALARM VENDOR TO PROVIDE UPDATED BATTERY CALCS, DRAWINGS, ETC. INSTALL NEW DEVICE PER NFPA AND LOCAL FIRE MARSHALL DIRECTIVES.
- ADD ALTERNATE: AHU-1 (INDOOR) MFA=15A, MCA = 0.5A, 208V/1A. SHALL BE POWERED VIA SAME BRANCH CIRCUIT AS ACCU-1 (OUTDOOR) MFA = 20A, MCA = 16.5A, 208V/1A. EXTEND POWER AND CONTROL WIRING PER MANUFACTURER'S PRINTED INSTRUCTIONS FROM OUTDOOR UNIT TO INDOOR UNIT. ELECTRICAL CONTRACTOR SHALL COORDINATE THE EXACT ELECTRICAL REQUIREMENTS AND LOCATION WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. INSTALL PER NEC AND MANUFACTURER'S PRINTED INSTRUCTIONS. VERIFY EXISTING MAINTENANCE RECEPTACLE ON ROOF IS WITHIN 25' OF UNIT. PROVIDE NEW IF NONE EXISTS.
- PROVIDE 60A FUSED DISCONNECT (FUSED @ 60A WITH TIME DELAY FUSE) FOR CONNECTION TO R.O. UNIT. MOUNT AT 72" A.F.F. TO CENTER OF ENCLOSURE. EXTEND WIRING TO EQUIPMENT PER VENDOR DRAWINGS. WIRE SIZE SHALL BE SAME THROUGHOUT.
- PROVIDE 60A FUSED DISCONNECT (FUSED @ 40A WITH TIME DELAY FUSE) FOR CONNECTION TO R.O. UNIT. MOUNT AT 72" A.F.F. TO CENTER OF ENCLOSURE. EXTEND WIRING TO EQUIPMENT PER VENDOR DRAWINGS. WIRE SIZE SHALL BE SAME THROUGHOUT.
- PROVIDE 30A NON-FUSED DISCONNECT SWITCH FOR CONNECTION TO BOOSTER PUMP SYSTEM (208V, 1A, 60HZ.). MOUNT AT 60" A.F.F. TO CENTER OF ENCLOSURE.
- PROVIDE HOSPITAL GRADE (GFCI) DUPLEX RECEPTACLE 20A-125V RATED, MOUNTED AT 72" A.F.F. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
- JUNCTION BOX MOUNTED AT HEIGHT SHOWN ON VENDOR WATER TREATMENT PLANS FOR BI-CARB. AND R.O. ALARM PANELS (BY ELECTRICAL CONTRACTOR). EXTEND R.O. ALARM AND WATER TREATMENT ALARM WIRING FROM WATER TREATMENT ROOM TO R.O. AND WATER TREATMENT ALARM PANEL LOCATION ON TREATMENT FLOOR. WIRE SHALL BE 2 CONDUCTOR, 18 GA. MIN. (BY ELECTRICAL CONTRACTOR). LEAVE 48" PIGTAIL AT EACH END FOR CONNECTION BY OTHERS.
- ALARM PANEL WITH REMOTE STATION AT DESIGNATED AREA ON TREATMENT FLOOR. VENDOR TO PROVIDE 100' OF 6 CONDUCTOR WIRE TO BE INSTALLED BY ELECTRICAL CONTRACTOR. INSTALL PER NEC AND LOCAL CODES. LEAVE 48" PIGTAIL AT EACH END FOR CONNECTION BY OTHERS. COORDINATE EXACT LOCATION, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS WITH PROJECT MANAGER AND VENDOR SPECIFIC PLANS PRIOR TO ROUGH-IN.
- PROVIDE HOSPITAL GRADE (GFCI) RECEPTACLE AS SHOWN ON PLAN 20A-125V RATED, MOUNTED AT 18" A.F.F. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
- PROVIDE HOSPITAL GRADE (GFCI) DUPLEX RECEPTACLE 20A-125V RATED, MOUNTED AT 72" A.F.F. WITH 6"-0" OF DI EXCHANGE TANK LOCATION. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
- ALL EQUIPMENT IN THIS ROOM SHALL BE SURFACE MOUNTED. COORDINATE EXACT REQUIREMENTS AND LOCATIONS OF ALL EQUIPMENT WITH TENANT PRIOR TO ROUGH-IN. REFER TO VENDOR SPECIFIC EQUIPMENT PLANS FOR ADDITIONAL DETAILS. ALL RECEPTACLES IN RO ROOM SHALL BE GFCI TYPE RECEPTACLES.
- ALL EQUIPMENT IN RO ROOM REQUIRING POWER CONNECTION MUST HAVE VOLTAGE VERIFIED AND COORDINATED WITH EQUIPMENT VENDOR PRIOR TO ROUGH-IN AND INSTALLATION. ANY VOLTAGE DISCREPANCIES BETWEEN ACTUAL FIELD VOLTAGE AND EQUIPMENT VOLTAGE WILL BE THE CONTRACTORS RESPONSIBILITY TO CORRECT.
- RECONNECT TO EXISTING BRANCH CIRCUIT BREAKER IN PANEL MDP. PROVIDE NEW BREAKER IN PANEL MDP AS REQUIRED TO MATCH NAMEPLATE ON EQUIPMENT BEING INSTALLED.

1 FLOOR PLAN - ELECTRICAL NEW WORK
E-102.00 SCALE: 1/4"=1'-0"

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DATE	DESCRIPTION	BY	CHKD
11/11/17	REVISION 1 - OWNER REVISIONS	LSW	MSW
05/08/18	REVISION 2 - OWNER BUDGET CHANGES	LSW	MSW

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Davita
 Facility Maintenance For:
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 Richmond Kidney - #0507
 1386 Victory Blvd
 Staten Island 10311

FLOOR PLAN - NEW WORK
POWER/LIGHTING

10972
 E-102.02