LINE LEGEND:

EXISTING TO REMAIN
NEW TO BE PROVIDED

NEW WORK NOTES:

1. WIRING:

1.1. ALL WIRING SHALL BE #12 & 1#12 GND IN 3/4"C FOR 20A CKT, UNLESS NOTED OTHERWISE. SEE PANEL SCHEDULES FOR NUMBER OF POLES.

1.2. HEALTHCARE REQUIREMENTS: PER NEC 517.1 & 517.10(A), ALL REQUIREMENTS OF NEC 517 PARTS 2 & 3 SHALL APPLY TO ALL PATIENT CARE AREAS REGARDLESS OF BUILDING OCCUPANCY CLASSIFICATION, INCLUDING ALL EXAM, TREATMENT, AND PROCEDURE ROOMS IN OTHER THAN HEALTHCARE FACILITIES (I.E., CLASS B OUTPATIENT BUILDINGS, ETC.). THESE REQUIREMENTS INCLUDE THE USE OF "HEALTHCARE" WIRING METHODS, SUCH AS HOSPITAL GRADE MC CABLE, IN THOSE AREAS.

2. CIRCUITING:

2.1. ALL NORMAL POWER SHALL BE FED FROM PANEL 'L2GN', CIRCUIT NUMBER AS SHOWN, UNLESS OTHERWISE INDICATED. ALL EMERGENCY POWER SHALL BE FED FROM PANEL 'CR2-86-G-1', CIRCUIT NUMBER AS SHOWN, UNLESS OTHERWISE INDICATED. RECONNECT ALL NORMAL POWER LIGHTING TO EXISTING LIGHTING CIRCUITS RETAINED DURING DEMOLITION (SEE E-1, NOTE #11). ALL EMERGENCY EGRESS & EXIT SIGN LIGHTING (APPROX. 230W) SHALL BE FED FROM NEW 20A CIRCUIT FROM PANEL 'LSBG4' IN ROOM G082 (COORDINATE EXACT LOCATION WITH OWNER).

2.2. ALL EXISTING CIRCUIT NUMBERS ARE FOR REFERENCE ONLY. VERIFY IN FIELD FOR ADDITIONAL LOAD. AFTER COMPLETION OF DEMOLITION WORK, CONTRACTOR SHALL TRACE AND VERIFY ALL EXISTING CIRCUITING TO REMAIN AND RECORD CORRECT CIRCUITING ON AS-BUILT DRAWINGS. PROVIDE UPDATED PANEL SCHEDULES FOR ALL PANELS USED DURING THIS PROJECT AND LABEL ALL RECEPTACLE AND DEVICE COVERPLATES AS TO PANEL AND CIRCUIT OF ORIGIN. COORDINATE ALL CIRCUITING ISSUES WITH OWNER AS REQUIRED.

3. LIGHTING:

3.1. SWITCHING: PROVIDE ADDITIONAL SWITCHING, AS SHOWN, FOR BI-LEVEL LIGHTING IN ALL ROOMS PER INTERNATIONAL ENERGY CONSERVATION CODE 2009, 505.2.2.1. IN AREAS WHERE SINGLE BALLAST FIXTURES ARE PROVIDED, SWITCH EVERY OTHER FIXTURE.

4. FIRE ALARM: ALL FIRE ALARM DEVICES SHALL BE NOTIFIER TO MATCH NEW HOSPITAL SYSTEM. PROVIDE NEW SYSTEM DEVICE LOOPS FROM NEW FIRE ALARM CONTROL PANEL LOCATED IN BASEMENT FACILITIES MANAGEMENT OFFICE. COORDINATE EXACT LOCATION WITH OWNER.

5. NURSE CALL: NURSE CALL DEVICES SHOWN SHALL BE STAND ALONE TYPE BY RAULAND PER HOSPITAL STANDARD. PROVIDE NEW DOME LIGHTS WITH SOUNDER BASE FOR LOCAL AUDIBLE/VISIBLE ANNUNCIATION. PROVIDE SYSTEM POWER FROM PANEL 'CR2-86-G-1', #12.

6. DEVICES TO BE RELOCATED: WHERE RECEPTACLES AND SWITCHES ARE INDICATED AS EXISTING RELOCATED "(R)", WORK REFERS TO RELOCATION OF EXISTING CIRCUIT CAPACITY MADE AVAILABLE DURING DEMOLITION WORK. PROVIDE NEW DEVICE AT NEW LOCATION AND EXTEND CIRCUIT WIRING AS NECESSARY.

7. GROUNDING:

7.1. PROVIDE #12 GROUND FOR NON-STATIC FLOOR TO BUILDING STEEL. COORDINATE EXACT CONNECTION POINT WITH FLOORING CONTRACTOR.

7.2. PROVIDE #12 GROUND CONNECTION FROM GROUNDING STUD TO BUILDING STEEL.

7.3. PROVIDE #6 COPPER GROUND BUS BONDING JUMPER BETWEEN PANEL 'CB2-86-G-1' AND 'L2GN' AS REQUIRED PER NEC 517.14.

8. PROVIDE 4#18 IN 3/4"C BETWEEN MEDICAL GAS ALARM PANEL AND OXYGEN PIPING TRANSDUCER WITHIN CHAMBER ROOM. COORDINATE EXACT REQUIREMENTS WITH OXYGEN INSTALLER.

9. HVAC:

9.1. PROVIDE 120V., 20A CIRCUIT TO VAV'S FROM PANEL 'L2GN' CIRCUIT #21, AS SHOWN, WITH MOTOR RATED DISCONNECT SWITCH. SEE PANEL SCHEDULE FOR WIRING AND COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR.

9.2. EXISTING AC-5 ON THIRD FLOOR IS TO BE REPLACED. REMOVE EXISTING DISCONNECT AND RECONNECT NEW UNIT TO EXISTING 30A CIRCUIT FROM PANEL '94E (EQ)' (#14,16,18). COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR.

10. ALL RECEPTACLES SHALL BE UL LISTED 'HOSPITAL GRADE', PER HOSPITAL STANDARDS.

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/19/15

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PROJECT:
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KEY PLAN: GROUND FLOOR

ISSUE DATES:
JANUARY 26, 2015
STATE APPROVALS

DRAWN BY:	ARE
CHECKED BY:	JZ
SCALE:	1/4" = 1'-0"
PROJECT NO.:	P14110

SHEET TITLE:
ELECTRICAL
NEW WORK
PLAN

DRAWING NO.:
E-2

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