

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
PROVIDE LIGHTING	
A2	LIGHTING FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE THIS SHEET
○	LED RECESSED CAN FIXTURE
□	LIGHTING FIXTURE (↑ INDICATES BRACKET, WALL MOUNTED FIXTURE)
□	LIGHTING FIXTURE ON EMERGENCY CIRCUIT.
⊗	EXIT LIGHTING FIXTURE. ARROW, WHEN USED, INDICATES DIRECTION. TYPE U.O.N. (↑ INDICATES BRACKET, WALL MOUNTED FIXTURE).
S	SINGLE POLE SWITCH, 20 A, 120/277 V. "a" OR "b" INDICATES OUTBOARD AND INBOARD LAMPS, RESPECTIVELY.
S2	DOUBLE POLE SWITCH, 20 A, 120/277 V.
S3	THREE-WAY SWITCH, 20 A, 120/277 V.
S4	FOUR-WAY SWITCH, 20 A, 120/277 V.
Sb	DIMMER SWITCH. (WATTAGE AS REQUIRED TO CONTROL THE FIXTURE(S) CONNECTED UON.)
Sk	KEY OPERATED SWITCH
So	DUAL TECHNOLOGY OCCUPANCY SENSOR CONTROLLER WALL MOUNTED 48" AFF UON.
SoSo	WHEN TWO OCCUPANCY SENSOR CONTROLLERS SHOWN, SENSOR SHALL BE SUPPLIED WITH BI-LEVEL SWITCHING FOR TWO LIGHT LEVELS FROM FIXTURES, BOTH CONTROLLED BY SENSOR. SENSOR SHALL BE WALL MOUNTED 48" AFF UON.
POWER DEVICES	
⊖	SINGLE RECEPTACLE, 20 A, 125 VAC, MOUNT 18" AFF UON.
⊖	DUPLEX CONVENIENCE RECEPTACLE, 20 A, 125 VAC, MOUNT 18" AFF UON.
⊖	RECEPTACLE AS NOTED ABOVE BUT, MOUNT 48" AFF OR 6" ABOVE BACKSPLASH OR COUNTER TOP WHERE COUNTER IS INDICATED.
G,WP	DUPLEX CONVENIENCE RECEPTACLE WITH INTERNAL GROUND FAULT PROTECTION, 20 A, 125 VAC. MOUNT 18" AFF UON. "WP" INDICATES WEATHERPROOF OUTLET.
G	DUPLEX CONVENIENCE RECEPTACLE WITH INTERNAL GROUND FAULT PROTECTION, 20 A, 125 VAC. MOUNT 48" AFF OR 6" ABOVE BACKSPLASH OR COUNTER TOP.
⊖	QUADRUPLX CONVENIENCE RECEPTACLE MOUNTED IN TWO-GANG OUTLET BOX - EACH RATED 20A, 125 VOLTS WITH SINGLE COVER PLATE, MOUNT 18" AFF, UON.
⊖	CEILING MOUNTED DUPLEX RECEPTACLE, 20 A, 125 VAC
⊖	FLUSH FLOOR DUPLEX RECEPTACLE, 20 A, 125 VAC
⊖	FLUSH FLOOR SINGLE RECEPTACLE, 20 A, 125 VAC
⊖	SPECIAL PURPOSE RECEPTACLE. 30A.
⊖	DUPLEX RECEPTACLE MOUNTED AT XX ABOVE FINISHED FLOOR. SEE ARCHITECTURAL ELEVATIONS FOR EQUIPMENT HEIGHT.
⊖XXX	
GENERAL	
①	NEW WORK NOTE REFERENCE NUMBER.
ⓧ	DEMOLITION NOTE REFERENCE NUMBER.
100	ROOM NUMBER SYMBOL
LIGHTNING PROTECTION	
—	LIGHTNING PROTECTION SYSTEM ROOF CONDUCTOR
DISTRIBUTION	
■	PANELBOARD - 208Y/120V
■	PANELBOARD - 480Y/277V
T	DRY TYPE TRANSFORMER, SIZE AS INDICATED.

SYMBOL	DESCRIPTION
EQUIPMENT CONNECTIONS	
Ⓜ	EQUIPMENT CONNECTION AS NOTED
Ⓜ	MOTOR CONNECTION AS INDICATED
Ⓜ	JUNCTION BOX
3P 60/40	DISCONNECT SWITCH, 600V IN NEMA 1 ENCLOSURE UON. 3P = NO. OF POLES, 60 = SWITCH RATING, 40 = FUSE RATING (NF INDICATES NON-FUSIBLE).
3P 100/40	ENCLOSED CIRCUIT BREAKER 480V IN NEMA 1 ENCLOSURE 14 KAIC UON. 3P = NO. OF POLES, 100 = FRAME RATING, 40 = TRIP RATING.
VFD	VARIABLE FREQUENCY DRIVE CONNECTION (DRIVE FURNISHED WITH EQUIPMENT).
Sm	(MOTOR RATED SWITCH) (MANUAL MOTOR STARTER SWITCH) WITH OVERLOADS.
SWP	SINGLE POLE SWITCH 20 A, 120/277, PROVIDE WITH WEATHERPROOF BOX AND PLATE.
WIRE, CONDUIT AND RACEWAY	
~	FLEXIBLE CONDUIT.
⌒	BRANCH CIRCUIT OR FEEDER WIRING IN CONDUIT, CONCEALED IN WALL OR CEILING. SEE PANEL SCHEDULES.
LAF-1,3	HOMERUNS TO PANEL. PANEL AND CIRCUIT DESIGNATIONS AS INDICATED.
—	INDICATES A CONDUIT RUN UNDERFLOOR.
—	INDICATES A CONDUIT RUN EXPOSED ON WALL OR CEILING.
⌒	CONDUIT TURNED UP
⌒	CONDUIT TURNED DOWN
— LV —	LOW VOLTAGE EMERGENCY LIGHT CIRCUIT 2 #12 AWG 1/2" C. U.O.N.
▨	CABLE TRAY, SIZE AS INDICATED.
SPECIAL SYSTEMS DEVICES	
□	FIRE ALARM PULLSTATION
Ⓜ	CEILING MOUNTED FIRE ALARM COMBINATION AUDIBLE/VISIBLE APPLIANCE
Ⓜ	CEILING MOUNTED FIRE ALARM VISIBLE APPLIANCE
Ⓜ	CEILING MOUNTED SMOKE DETECTOR
Ⓜ	DUCT MOUNTED SMOKE DETECTOR
Ⓜ	PUBLIC ADDRESS SPEAKER
Ⓜ	NURSE CALL MASTER STATION
Ⓜ	NURSE CALL DUTY STATION
Ⓜ	NURSE CALL STAFF STATION
Ⓜ	NURSE CALL PATIENT STATION
Ⓜ	NURSE CALL EMERGENCY PULLSTATION
Ⓜ	NURSE CALL ROOM LIGHT
Ⓜ	CARD ACCESS CONTROL
Ⓜ	PUSHBUTTON FOR DOOR CONTROL
Ⓜ	VOICE DATA CONNECTION
Ⓜ	VOICE ONLY CONNECTION
Ⓜ	DATA ONLY CONNECTION
Ⓜ	VOICE/DATA JACK WITH CONNECTION TO INTERCOM. NOTE: CONDUIT UNDER FLOOR TO SYSTEM FURNITURE.
Ⓜ	SECURITY CAMERA. ARROW, IF SHOWN, INDICATES PAN, TILT, ZOOM MOUNT.
Ⓜ	CATV OUTLET

LEGEND NOTES

- WIRE AND CONDUIT FOR MOTOR AND EQUIPMENT LOADS SHALL BE CONTINUOUS IN SIZE AND FROM SOURCE TO FINAL CONNECTION. SIZE AND COUNT SHALL BE AS INDICATED ON THE CIRCUIT HOMERUN UNLESS OTHERWISE NOTED.
- COORDINATE EXACT LOCATION OF CEILING MOUNTED LIGHTING FIXTURES AND SPEAKERS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
- WHERE A CONNECTION IS INDICATED, THE CONTRACTOR SHALL PROVIDE ALL MATERIALS (JUNCTION BOXES, CONDUIT, WIRE, ETC.) AND LABOR REQUIRED TO MAKE THE CONNECTION.
- COORDINATE EXACT LOCATION OF WALL MOUNTED RECEPTACLES TO SERVE WALL MOUNTED EQUIPMENT WITH ARCHITECTURAL ELEVATIONS.
- SEE SPECIAL SYSTEMS DRAWINGS FOR LOCATIONS OF TELECOMMUNICATIONS AND SPECIAL SYSTEMS DEVICES. ELECTRICAL CONTRACTOR TO PROVIDE BOXES AND CONDUIT PER ELECTRICAL ROUGH-IN LEGEND AND NOTES ON E123.

PROJECT GENERAL NOTES

- CONTRACTOR SHALL REFER TO HAZARDOUS MATERIAL ABATEMENT PLAN PRIOR TO PERFORMING ELECTRICAL RENOVATION OR DEMOLITION WORK TO DETERMINE IF ASBESTOS, LEAD, PCBs, BATTERIES OR MERCURY IN FLUORESCENT LAMPS WILL BE DISTURBED. ABATEMENT CONTRACTOR PRIOR TO ELECTRICAL RENOVATION OR DEMOLITION SHALL REMOVE ALL HAZARDOUS MATERIALS.

LIGHTING FIXTURE SCHEDULE

MARK	LAMPS	VOLTAGE	MANUFACTURER AND CATALOG NO.	MOUNTING	NOTES
A	LED	277	LITHONIA 2GTL 2 33L LP840 NX	RECESSED GRID	
A2	LED	277	LITHONIA 2GTL 4 48L LP840 NX	RECESSED GRID	5:
A3	LED	277	KENALL ME24 G 108L40K 277 FA	RECESSED GRID	
A4	LED	277	KENALL M4SEDI24 150L40K DCC DV SYM	RECESSED GRID	
B	LED	277	LITHONIA 2VTL 4 48L ADP SLD LP840	RECESSED GRID	
C	LED	277	ACUITY BRANDS LIGHTING HPW336 277 LED35 1U1D SX	WALL MOUNT	
D	6-32W TB	277	KENALL M2SEGI24-6-32-IS-L3-MB-277-2F-2H-MLP	RECESSED CEILING	
D1	6-32W TB	277	KENALL M2SEGI24-6-32-IS-L3-MB-277-2F-2H-MLP-PEL	RECESSED CEILING	4:
E	LED	277	LITHONIA ZL1N L48 5000LM L/LENS MVOLT 35K 80CRI WH HC36	SURFACE	
F	LED	277	GOTHAM LIGHTING EVO 41/22 6 DFR MVOLT	RECESSED	
G	LED	277	ACUITY BRANDS LIGHTING HNL610 MVOLT LED30	RECESSED	
H	LED	277	GOTHAM LIGHTING EVO 41/22 8AR LS 277	RECESSED	
X1	LED	277	EMERGITTE W-LX-*N-R-W-#-C	CEILING MOUNT	1:2:3:

- ALL EMERGENCY LIGHTING SHALL BE LED.
- * INDICATES 1 OR 2 FACES: SEE DRAWINGS
- # INDICATES NUMBER AND ORIENTATION OF ARROWS (IF ANY): BLANK=NO ARROW, L=ARROW LEFT, R=ARROW RIGHT, RL=RIGHT AND LEFT, UA=UNIVERSAL FILLED INSTALLED ARROW. SEE DRAWINGS.
- D1 FIXTURES SHALL INCLUDE 1-2LAMP AND 1-1LAMP BATTERY PACKS.
- PROVIDE BI-LEVEL CONTROL IN LED FIXTURES WHERE TWO SWITCHES CONTROL ROOM LIGHTING LEVELS.

- NOTES TO CONTRACTOR:
 1. SEE PANEL SCHEDULES FOR INDIVIDUAL FEEDERS.
 2. NEUTRAL TO MATCH WIRE SIZE UNLESS OTHERWISE NOTED.

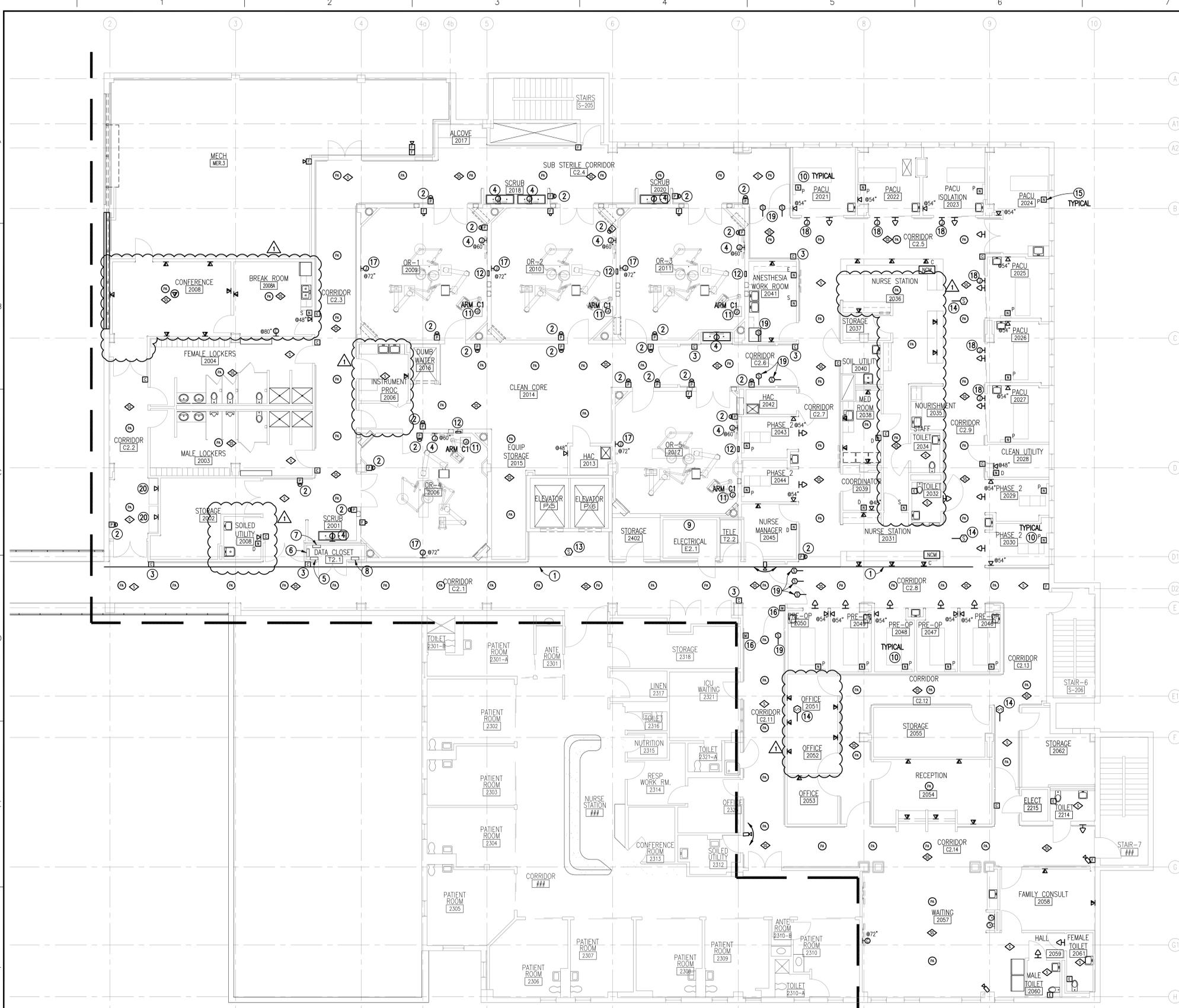
FOUR-WIRE FEEDER SCHEDULE					
FEEDER NAME	WIRE SIZE	GROUND WIRE SIZE	CONDUIT SIZE	208V MAX. LENGTH	480V MAX. LENGTH
20-4	#12	#12	3/4"	98'	227'
30-4	#10	#10	3/4"	109'	250'
40-4	#8	#10	1"	123'	285'
60-4	#6	#10	1 1/4"	128'	295'
70-4	#4	#8	1 1/4"	169'	390'
100-4	#2	#8	1 1/4"	176'	406'
125-4	#1	#6	1 1/2"	171'	394'
150-4	#1/0	#6	2"	182'	420'
175-4	#2/0	#6	2"	182'	418'
200-4	#3/0	#6	2"	192'	443'
225-4	#4/0	#4	2 1/2"	203'	468'
250-4	#250 MCM	#4	2 1/2"	202'	466'
300-4	#350 MCM	#4	3"	211'	487'
350-4	#400 MCM	#2	3"	194'	450'
400-4	#500 MCM	#2	3 1/2"	191'	442'
450-4	(2) #4/0	(2) #1	(2) 2 1/2"	203'	468'
500-4	(2) #250 MCM	(2) #1	(2) 2 1/2"	202'	466'
600-4	(2) #350 MCM	(2) #1	(2) 3"	210'	487'
700-4	(2) #500 MCM	(2) #1/0	(2) 3 1/2"	219'	505'
800-4	(2) #600 MCM	(2) #1/0	(2) 3 1/2"	207'	478'
1000-4	(3) #400 MCM	(3) #2/0	(3) 3 1/2"	205'	474'
1200-4	(3) #600 MCM	(3) #3/0	(3) 3 1/2"	207'	478'
1600-4	(4) #600 MCM	(4) #4/0	(4) 3 1/2"	207'	478'
2000-4	(5) #600 MCM	(5) #250 MCM	(5) 3 1/2"	207'	478'
2500-4	(6) #600 MCM	(6) #350 MCM	(6) 3 1/2"	199'	459'

THREE-WIRE FEEDER SCHEDULE					
FEEDER NAME	WIRE SIZE	GROUND WIRE SIZE	CONDUIT SIZE	208V MAX. LENGTH	480V MAX. LENGTH
20-3	#12	#12	3/4"	98'	227'
30-3	#10	#10	3/4"	109'	250'
40-3	#8	#10	3/4"	123'	285'
60-3	#6	#10	1"	128'	295'
70-3	#4	#8	1 1/4"	169'	390'
100-3	#2	#8	1 1/4"	176'	406'
125-3	#1	#6	1 1/2"	171'	394'
150-3	#1/0	#6	2"	182'	420'
175-3	#2/0	#6	2"	182'	418'
200-3	#3/0	#6	2"	192'	443'
225-3	#4/0	#4	2 1/2"	203'	468'
250-3	#250 MCM	#4	2 1/2"	202'	466'
300-3	#350 MCM	#4	2 1/2"	211'	487'
350-3	#400 MCM	#2	3"	194'	450'
400-3	#500 MCM	#2	3 1/2"	191'	442'
450-3	(2) #4/0	(2) #1	(2) 2 1/2"	203'	468'
500-3	(2) #250 MCM	(2) #1	(2) 2 1/2"	202'	466'
600-3	(2) #350 MCM	(2) #1	(2) 2 1/2"	210'	487'
700-3	(2) #500 MCM	(2) #1/0	(2) 3 1/2"	219'	505'
800-3	(2) #600 MCM	(2) #1/0	(2) 3 1/2"	207'	478'
1000-3	(3) #400 MCM	(3) #2/0	(3) 3"	205'	474'
1200-3	(3) #600 MCM	(3) #3/0	(3) 3 1/2"	207'	478'
1600-3	(4) #600 MCM	(4) #4/0	(4) 3 1/2"	207'	478'
2000-3	(5) #600 MCM	(5) #250 MCM	(5) 3 1/2"	207'	478'
2500-3	(6) #600 MCM	(6) #350 MCM	(6) 3 1/2"	199'	459'

TWO-WIRE FEEDER SCHEDULE					
FEEDER NAME	WIRE SIZE	GROUND WIRE SIZE	CONDUIT SIZE	208V MAX. LENGTH	480V MAX. LENGTH
20-2	#12	#12	3/4"	98'	227'
30-2	#10	#10	3/4"	109'	250'
40-2	#8	#10	3/4"	123'	285'
60-2	#6	#10	3/4"	128'	295'
70-2	#4	#8	1"	169'	390'
100-2	#2	#8	1 1/4"	176'	406'
125-2	#1	#6	1 1/4"	171'	394'
150-2	#1/0	#6	1 1/2"	182'	420'
175-2	#1/0	#6	1 1/2"	182'	418'
200-2	#2/0	#6	1 1/2"	192'	443'
225-2	#4/0	#4	2"	203'	468'
250-2	#250 MCM	#4	2"	202'	466'
300-2	#350 MCM	#4	2 1/2"	211'	487'
350-2	#400 MCM	#2	2 1/2"	194'	450'
400-2	#500 MCM	#2	2 1/2"	191'	442'
450-2	(2) #4/0	(2) #1	(2) 2"	203'	468'
500-2	(2) #250 MCM	(2) #1	(2) 2"	202'	466'
600-2	(2) #350 MCM	(2) #1	(2) 2 1/2"	210'	487'
700-2	(2) #500 MCM	(2) #1/0	(2) 2 1/2"	219'	505'
800-2	(2) #600 MCM	(2) #1/0	(2) 3"	207'	478'
1000-2	(3) #400 MCM	(3) #2/0	(3) 2 1/2"	205'	474'
1200-2	(3) #600 MCM	(3) #3/0	(3) 3"	207'	478'
1600-2	(4) #600 MCM	(4) #4/0	(4) 3"	207'	478'
2000-2	(5) #600 MCM	(5) #250 MCM	(5) 3"	207'	478'
2500-2	(6) #600 MCM	(6) #350 MCM	(6) 3"	199'	459'

FINAL SUBMITTAL

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**SECOND FLOOR
NEW WORK PLAN - SPECIAL SYSTEMS**
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:
(SPECIAL SYSTEMS SHEET ONLY)

- TELECOMMUNICATIONS CLOSETS T2.1 AND T2.2 ARE EXISTING TO REMAIN. VOICE/DATA CIRCUITS PRIMARILY ORIGINATE IN T2.2. FIRE ALARM SYSTEM PANEL, PA EQUIPMENT, NURSE CALL BIO-MED AND CCTV ARE PRIMARILY LOCATED IN T2.1. THE CATV HEAD-IN IS LOCATED IN EXISTING TO REMAIN ELECTRICAL ROOM E2.1. ALL HEAD-IN PANELS AND CONNECTIONS TO OTHER LOCATIONS OUTSIDE THE SCOPE OF WORK ARE TO REMAIN.
- CONTRACTOR TO DEMOLISH ALL EXISTING TELECOMMUNICATIONS VOICE/DATA, FIRE ALARM CIRCUITS, PA SYSTEM CIRCUITS AND DEVICES, BIO-MED CONNECTIONS AND NURSE CALL BACK TO THE LOCATIONS NOTED IN NOTE A ABOVE. DEMOLITION SHALL INCLUDE ALL WIRING, CONDUIT, BOXES, AND RACEWAYS EXCEPT AS NOTED IN NEW WORK.
- CCTV CAMERAS ARE TO BE REMOVED AND RETURNED TO VA FOR REINSTALLATION. VA WILL DETERMINE IF USED IN NEW INSTALLATION.
- ALL NURSE CALL STATIONS AND DEVICES ARE TO BE RETURNED TO THE VA.
- ALL FIRE ALARM DEVICES ARE TO BE RETURNED TO THE VA.

GENERAL NEW WORK NOTES:
(SPECIAL SYSTEMS SHEETS ONLY)

- EXISTING FIRE ALARM SYSTEM IS AN EDWARDS EST-3 ADDRESSABLE FIRE ALARM SYSTEM. CONTRACTOR SHALL PROVIDE AND HAVE INSTALLED ALL FIRE ALARM COMPONENTS FOR A COMPLETE AND INTEGRATED FIRE ALARM SYSTEM. TO PROVIDE FOR THE INSTALLATION, THE CONTRACTOR SHALL CONTACT MR. MATT GORE OF EDWARDS ELECTRONIC SYSTEMS AT (919) 614-1157. ALL COMPONENTS SHALL BE INSTALLED, PROGRAMMED, AND TESTED BY EDWARDS. THE LOCAL FIRE ALARM CONNECTION PANEL IS LOCATED IN ROOM T2.1.
- THE FLOOR HEAD-IN FOR CATV CIRCUITS IS IN ROOM E2-1, ELECTRICAL ROOM. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND COORDINATING INSTALLATION WITH TIME WARNER CABLE, AND INSTALLING DROPS AS SHOWN ON DRAWINGS. CONTACT FOR TIME WARNER CABLE IS JOEY SLEPP AT (336) 217-3084.
- MEDICAL GAS ALARM STATIONS ARE TO BE PROVIDED AT NURSE STATIONS, OR'S, AND AT EMERGENCY SHUTOFFS. SEE POWER PLANS FOR POWER CONNECTIONS.
- FOR EACH VOICE/DATA OUTLET SHOWN ON THE DRAWINGS, CONTRACTOR IS TO PROVIDE A SINGLE GANG JUNCTION BOX AT 18" A.F.F., AND 3/4" CONDUIT TO CABLE TRAY. PROVIDE A TCO WITH 1-RJ45/11 ON TOP FOR TELEPHONE AND 2-RJ45 JACKS BELOW FOR DATA. ALL CABLE TO TELECOMMUNICATIONS CLOSET SHALL BE CATEGORY 6 UTP CABLES.
- CONTRACTOR SHALL PROVIDE A COMPLETE SIMPLEX GRINNELL EZ-CARE VITAL TOUCH NURSE CALL SYSTEM, INCLUDING ALL BOXES AND CONDUIT. CONTRACTOR SHALL PROVIDE FOR SIMPLEX GRINNELL TO INSTALL ALL NURSE CALL HARDWARE AND WIRING. CONTRACTOR SHALL CONTACT JOHN COGLIANO WITH SIMPLEX GRINNELL, (704) 501-0551, FOR THE INSTALLATION OF DEVICES, WIRING, PROGRAMMING, CONNECTION AND TESTING OF NURSE CALL SYSTEM.
- PAGING SYSTEM SHALL BE CONTRACTOR PROVIDED TO INTERFACE WITH THE EXISTING HOSPITAL SYSTEM. CONTRACTOR SHALL PROVIDE SPEAKERS, AMPLIFIERS, AND ALL NECESSARY WIRING TO INTERCONNECT WITH EXISTING SYSTEM. CONTRACTOR SHALL CONTACT MARK LYNCH WITH QUALITY SOUND AND VIDEO, AT (910) 483-1212, FOR INSTALLATION.
- CCTV CAMERAS THAT ARE CONNECTED TO THE POLICE STATION MONITORS: CONTRACTOR SHALL PROVIDE FOR CCTV CAMERAS TO BE INSTALLED BY SIMPLEX GRINNELL. CONTACT DAVE KACZMARCK AT (919) 410-5520.
- CARD ACCESS SYSTEMS FOR DOORS SHALL BE COORDINATED BY THE CONTRACTOR WITH VA IT DEPARTMENT. SEE POWER PLAN, SHEET E122 FOR LOCATION OF 120V CRITICAL POWER FOR DOOR ACTIVATORS. UPON LOSS OF ELECTRICAL POWER, ALL AUTOMATIC DOORS SHALL RELEASE.
- SEE ARCHITECTURAL PLANS FOR WALL RATINGS.

- NOTES:**
(THIS SHEET ONLY)
- EXISTING TO REMAIN CABLE TRAY ABOVE LAY-IN CEILING.
 - PROVIDE JUNCTION BOX IN WALL AND 1" CONDUIT TO ACTUATOR FOR PUSHBUTTON DOOR CONTROL. SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT.
 - PROVIDE JUNCTION BOX IN WALL AND 1" CONDUIT TO ABOVE CEILING FOR CARD ACCESS CONTROL FOR DOOR. SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT.
 - PROVIDE JUNCTION BOX AND 1" CONDUIT TO ABOVE CEILING FOR MONITOR CONNECTION. SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT.
 - EXISTING CODE BLUE ALARM CONNECTION PANEL.
 - EXISTING NURSE CALL PANEL.
 - EXISTING FIRE ALARM PANEL.
 - EXISTING PA SYSTEM PANEL.
 - EXISTING CATV HEAD-IN.
 - NEW HEADWALL UNIT. PROVIDE JUNCTION BOXES ABOVE CEILING ON HEADWALL UNIT. PROVIDE CONNECTIONS TO NURSE CALL IN HEADWALL. SEE HEADWALL DETAIL, SHEET E004, FOR CONNECTION LOCATION.
 - PROVIDE 1-1/2" CONDUIT AND DATA DROP TO CONNECTION WITH STERIS BOOM ON MOUNTING PLATE ABOVE CEILING. CONTRACTOR TO COORDINATE WITH STERIS FOR CONNECTIONS.
 - PROVIDE INSTALLATION OF STERIS A/V CONTROL PANEL ROUGH-IN BOX. PROVIDE BOX ADJACENT TO STERIS SURGICAL LIGHT CONTROL PANEL. SEE SHEET E121 FOR LOCATION OF LIGHT CONTROL PANEL. COORDINATE CONDUIT REQUIREMENTS WITH STERIS REPRESENTATIVE AND PROVIDE.
 - PROVIDE SMOKE DETECTOR CONNECTED TO ELEVATOR RECALL SYSTEM. MATCH DETECTOR TO SYSTEM SMOKE DETECTOR ON FIRST FLOOR.
 - PROVIDE DUCT-MOUNTED SMOKE DETECTOR(S) COMPATIBLE WITH EDWARDS ESTS SYSTEM. UPON INITIATION, DETECTOR WILL SHUT DOWN AHU AND INITIATE BUILDING FIRE ALARM.
 - PATIENT NURSE CALL CONNECTION IN HEADWALL. SEE HEADWALL DETAIL, SHEET E005.
 - PROVIDE MAGNETIC DOOR HOLD OPEN DEVICES. UPON FIRE ALARM INITIATION, HOLD OPENS SHALL RELEASE AND DOORS SHALL CLOSE AND SEAL.
 - PROVIDE 4" x 4" JUNCTION BOX AND 1" WITH PULL STRING TO ABOVE CEILING FOR FUTURE VIDEO CAMERA.
 - PROVIDE JUNCTION BOX AND CONDUIT TO DOOR OPENER FOR ACCESS CONTROL.
 - PROVIDE DUCT-MOUNTED SMOKE DETECTOR IN SUPPLY AND RETURN DUCTS SHOWN. SMOKE DETECTOR SHALL CLOSE SMOKE DAMPER AND INITIATE BUILDING FIRE ALARM SYSTEM. ALL SMOKE DAMPERS SHALL CLOSE UPON BUILDING ALARM INITIATION.
 - INSTALL SINGLE RJ-45 JACK AT 81" A.F.F. PROVIDE CAT 5 CABLE IN 3/4" CONDUIT TO CONNECTION WITH SYSTEM CONTROLLER. COORDINATE WITH EQUIPMENT VENDOR AND/OR CONTRACTING OFFICER FOR EXACT LOCATION. MAKE ALL REQUIRED CONNECTIONS AND TERMINATIONS.

REV 2	12/9/16
Revisions:	Date

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Drawing Title: **SECOND FLOOR
NEW WORK PLAN -
SPECIAL SYSTEMS**

Approved: Project Director

Project Title: **RENOVATE / EXPAND
SURGICAL SUITE**

Location: **FAYETTEVILLE, NC**

Date: 08-22-2014

Checked: GSW

Drawn: SJB

Project Number: **565-13-105**

Building Number: **1**

Drawing Number: **E123**

Dwg. of

FINAL SUBMITTAL

OFFICE OF
CONSTRUCTION
AND FACILITIES
MANAGEMENT

Department of
Veterans Affairs

Drawing File: \\projects\4520\4884-100-Renovate Expand Surgical Unit Bldg 1\Drawings\4884-E123.dwg
 Plotted by: lighted
 Date: Dec 21, 2016 4:56pm
 one eighth inch = one foot
 one quarter inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one inch = one foot
 three quarters inch = one foot
 one and one half inches = one foot
 three inches = one foot