

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
PROVIDE	LIGHTING
	LIGHTING FIXTURE TYPE. "A" INDICATED SWITCH IDENTIFIER. SEE LIGHTING FIXTURE SCHEDULE THIS SHEET.
	LIGHTING FIXTURE ON EMERGENCY CIRCUIT.
	EXIT LIGHTING FIXTURE. ARROW, WHEN USED, INDICATES DIRECTION. (→ INDICATES BRACKET, WALL MOUNTED FIXTURE). HATCHING INDICATES FACE OF EXIT FIXTURE.
S	SINGLE POLE SWITCH, 20 A, 120/277 V. WALL MOUNTED 48" AFF UON.
S3	THREE POLE SWITCH, 20 A, 120/277 V. WALL MOUNTED 48" AFF UON.
SLo	LOW VOLTAGE LIGHTING CONTROL SWITCH WITH CONTINUOUS DIMMING UP/DOWN AND ON/OFF BUTTONS. "o" INDICATED SWITCH IDENTIFIER. REFER TO TYPICAL OR LIGHTING CONTROL RISER ON SHEET EL501.
OS	LOW VOLTAGE CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR. BASIS OF DESIGN: WATT STOPPER DT-300-U
POWER DEVICES	
	HOSPITAL GRADE DUPLEX CONVENIENCE RECEPTACLE, 20 A, 125 VAC, MOUNT 18" AFF UON. RECEPTACLE AS NOTED ABOVE BUT, MOUNT 48" AFF OR 6" ABOVE BACKSPLASH OR COUNTERTOP WHERE COUNTER IS INDICATED.
G	HOSPITAL GRADE DUPLEX CONVENIENCE RECEPTACLE WITH INTERNAL GROUND FAULT PROTECTION. 20 A, 125 VAC. MOUNT 18" AFF UON.
G	RECEPTACLE AS NOTED ABOVE BUT, MOUNT 48" AFF OR 6" ABOVE BACKSPLASH OR COUNTERTOP WHERE COUNTER IS INDICATED.
	HOSPITAL GRADE QUADRUPLEX CONVENIENCE RECEPTACLE, MOUNTED IN TWO-GANG OUTLET BOX - EACH RATED 20 A, 125 VOLTS WITH SINGLE COVER PLATE, MOUNT 18" AFF, UON.
DISTRIBUTION	
	PANELBOARD - 208Y/120V
EQUIPMENT CONNECTIONS	
	EQUIPMENT CONNECTION
	JUNCTION BOX
	MASTER GROUNDING STATION, 4 GROUNDING CONNECTORS, FLUSH MOUNTED AT 18" AFF. MODEL: SGPWF4NNO. PROVIDE 1#10 XHHW-2 IN 1/2" FROM GROUNDING STATION BUS TO ISOLATION PANEL.
	LINE ISOLATION PANEL ANNUNCIATOR, CONNECT TO ISOLATION PANELS. PROVIDE ALL WIRING, JUNCTION BOXES, CONNECTORS, GROUNDING ETC. FOR A COMPLETE WORKING SYSTEM. LABEL EACH PANEL WITH PANEL NAME BEING FEED FROM (IE. FROM PANEL ORI-CA(A)), MOUNT 60" AFF.
WIRE, CONDUIT AND RACEWAY	
	HOMERUNS TO PANEL. PANEL AND CIRCUIT DESIGNATIONS AS INDICATED.
	ON POWER PLANS INDICATES A BRANCH CIRCUIT. ON LIGHTING PLANS INDICATES A SWITCHED BRANCH CIRCUIT.
	ON LIGHTING PLANS INDICATES AN UN-SWITCHED BRANCH CIRCUIT.
	CONDUIT TURNED UP
	CONDUIT TURNED DOWN
GENERAL	
	DOOR IDENTIFICATION NUMBER, REFER TO ARCHITECTURAL SHEETS.

SYMBOL	DESCRIPTION
PROVIDE	SPECIAL SYSTEMS DEVICES (REFER TO SHEET EY501)
	DATA/VOICE TELECOMMUNICATIONS OUTLET. MOUNT 18" AFF UON. PROVIDE (3) CAT 6 CABLES, (2) FOR DATA AND (1) FOR PHONE BACK FROM IT CLOSET.
	TELEPHONE HANDESET OUTLET, MOUNT 54" AFF UON.
	WIRELESS ACCESS POINT (WAP).
	CABLE TV OUTLET, COORDINATE MOUNTING HEIGHT WITH COR.
	CCTV CAMERA, REPORT TO EXISTING DVR, MOUNT 96" AFF.
	CODE BLUE ALERT BUTTON, REFER TO DETAIL E4/EY501.
	DATA DROP CONNECTION AS SPECIFIED ON DRAWINGS.
	CARD READER SUPPLIED BY VA, INSTALLED BY ELECTRICAL CONTRACTOR, REFER TO DETAIL C6/EY501. (SEE GENERAL NOTE 13 THIS SHEET.)
	PUSH TO EXIT EMERGENCY EGRESS BUTTON, REFER TO SHEET EY102 AND DETAIL C6/EY501. (SEE GENERAL NOTE 13 THIS SHEET.)
	MOTION SENSOR DOOR OPERATOR SUPPLIED WITH DOOR HARDWARE, INSTALLED BY ELECTRICAL CONTRACTOR. PROVIDE MANUFACTURER REQUIRED LOW VOLTAGE STEP DOWN TRANSFORMER AND ASSOCIATED DOOR ACTUATOR SIGNAL WIRE, REFER TO DETAIL C6/EY501. (SEE GENERAL NOTE 13 THIS SHEET.)
LINE TYPES - NEW WORK PLANS	
-----	EXISTING TO REMAIN
_____	NEW WORK
LINE TYPES - DEMOLITION PLANS	
-----	EXISTING TO REMAIN
-----	EXISTING TO BE REMOVED
LINE TYPES - PHASING	
	AREA NOT IN PHASE
	AREA NOT UNDER CONTRACT

GENERAL 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.
- ALL FEEDERS AND BRANCH CIRCUITS ARE TO BE CONCEALED BEHIND FINISHED WALLS OR CEILINGS UNLESS OTHERWISE NOTED.
- WHERE A CONNECTION IS INDICATED, THE CONTRACTOR SHALL PROVIDE ALL MATERIALS (JUNCTION BOXES, CONDUIT, WIRE, ETC.) AND LABOR REQUIRED TO MAKE THE CONNECTION.
- MODEL NUMBERS PROVIDED ARE BASIS OF DESIGN.
- PROVIDE CAT 6 CABLE FOR ALL TELECOMMUNICATIONS CABLING. CABLE MUST BE ROUTED TO NEAREST IT CLOSET AND TERMINATED IN PATCH PANELS. PROVIDE JUNCTION BOX AT 18" AFF UNLESS NOTED OR DESCRIBED OTHERWISE. PROVIDE 1-1/4" CONDUIT FOR EACH DROP, FROM JUNCTION BOX TO ABOVE CEILING WITH 90° ELBOW ROUTED TO NEAREST CABLE TRAY, UON.
- CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL ACCESS CONTROL SYSTEM. ACCESS CONTROL SYSTEM SHALL BE COMPATIBLE WITH EXISTING SYSTEM. CONTRACTOR SHALL PROVIDE BOXES AND CONDUIT TO ABOVE CEILING CABLE TRAY FOR ALL DEVICES SHOWN ON THE PLANS. THE INSTALLER SHALL PROVIDE ALL EQUIPMENT NECESSARY TO CONNECT THIS SYSTEM TO THE NETWORK AND TIE IT INTO THE EXISTING SYSTEM THAT IS SERVING THIS CAMPUS. SYSTEM DEVICES AND CARDS SHALL BE COMPATIBLE WITH THE EXISTING SYSTEM.
- CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL FIRE ALARM SYSTEM. FIRE ALARM EQUIPMENT SHALL BE COMPATIBLE WITH EXISTING SYSTEM. CONTRACTOR SHALL PROVIDE BOXES AND CONDUIT PAINTED RED FROM DEVICE TO DEVICE AS SHOWN ON CONTRACTOR SHOP DRAWINGS. NEW FIRE ALARM EQUIPMENT SHALL BE COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM. NEW FIRE ALARM PANELS SHALL BE PROVIDED WITH ALL NECESSARY EQUIPMENT TO CONNECT TO THE NETWORK AND FIRE ALARM INSTALLER SHALL MAKE CONNECTIONS TO EXISTING FIRE ALARM SYSTEM. CONTRACTOR SHALL UPDATE SOFTWARE AS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
- CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL PA SYSTEM. PA SYSTEM SHALL BE COMPATIBLE WITH EXISTING SYSTEM. CONTRACTOR SHALL PROVIDE BOXES AND CONDUIT TO ABOVE CEILING CABLE TRAY FOR ALL DEVICES SHOWN ON THE PLANS. NEW DEVICES SHALL CONNECT TO EXISTING BUILDING SYSTEM AS NOTED ON THIS DRAWING.
- CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL CODE BLUE SYSTEM. CODE BLUE SYSTEM SHALL BE COMPATIBLE WITH EXISTING SYSTEM. CONTRACTOR SHALL PROVIDE BOXES AND CONDUIT TO ABOVE CEILING CABLE TRAY FOR ALL DEVICES SHOWN ON THE PLANS. NEW DEVICES SHALL CONNECT TO EXISTING BUILDING SYSTEM AS NOTED ON THIS DRAWING.
- SEE ARCHITECTURAL SHEETS FOR ALL AREAS OF PHASING. COORDINATE ELECTRICAL WORK WITH AREA SPECIFIC TO THE PHASES INDICATED.
- CONTRACTOR TO PROVIDE ALL POWER CONNECTIONS, EQUIPMENT ASSOCIATE APPURTENANCES (LOW VOLTAGE CABLING, DIGITAL ROOM CONTROLLERS, RELAYS, POWER SUPPLIES, ETC.) FOR LIGHTING CONTROL SYSTEMS.
- INSTALLATION OF ELECTRICAL SHALL BE PROVIDED PER NEC 517. ALL CABLING FOR ISOLATION PANELS SHALL BE XHHW-2 TYPE CABLE. FOR EQUIPMENT AND RECEPTACLES.
- COORDINATE CARD READER CONNECTIONS, SENSOR DOOR ACTUATOR CONNECTIONS, FIRE ALARM RELAY CONNECTIONS, AND EMERGENCY EGRESS PUSH BUTTON WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. PROVIDE REQUIRED CONDUIT, JUNCTION BOXES, LOW VOLTAGE TRANSFORMER, ETC. AND ASSOCIATED APPURTENANCES FOR A COMPLETE AND OPERATIONAL SYSTEM. COORDINATE CONNECTION TO PACS STATION IN NEURAL O.R. -3 BW305 WITH VA STAFF.

ABBREVIATIONS

A	AMPERE	KAIC	THOUSAND AMP INTERRUPTING CAPACITY, RMS SYMMETRICAL
A/C	AIR CONDITIONING	KCMIL	THOUSAND CIRCULAR MILS
AF	AMPERE FRAME	KWH	KILOWATT HOUR
AFF	ABOVE FINISHED FLOOR	KVA	KILOVOLT AMPERE
AFG	ABOVE FINISHED GRADE	LAN	LOCAL AREA NETWORK
AHU	AIR HANDLING UNIT	LIM	LINE ISOLATION MONITOR
ARF	ABOVE RAISED FLOOR	LTG	LIGHTING
AT	AMPERE TRIP	MTV	MASTER ANTENNA TELEVISION
ATC	AUTOMATIC TEMPERATURE CONTROL	MCB	MAIN CIRCUIT BREAKER
ATS	AUTOMATIC TRANSFER SWITCH	MH	MANHOLE
AWG	AMERICAN WIRE GAUGE	MLO	MAIN LUG ONLY
BG	BELOW GRADE	MT	MOUNT
BK/BD	BACKBOARD	MTD	MOUNTED
BLDG	BUILDING	MTG HT	MOUNTING HEIGHT
BMS	BALANCED MAGNETIC SWITCH	MV	MERCURY VAPOR
BRKR	BREAKER	N/C	NORMALLY CLOSED
C	CONDUIT	NF	NON-FUSED
CB	CIRCUIT BREAKER	N/O	NORMALLY OPEN
CCTV	CLOSED CIRCUIT TELEVISION	NEU	NEUTRAL
CKT	CIRCUIT	NIC	NOT IN CONTRACT
CRAHU	COMPUTER ROOM AIR HANDLING UNIT	P	POLE
DISC SW	DISCONNECT SWITCH	PA	PUBLIC ADDRESS
DWG	DRAWING	PH	PHASE
EC	EMPTY CONDUIT	PNL	PANEL
EF	EXHAUST FAN	PVC	POLY VINYL CHLORIDE
EIS	EYE IN THE SKY	QTY	QUANTITY
EMT	ELECTRICAL METALLIC TUBING	RECEPT	RECEPTACLE
EQUIP	EQUIPMENT	RFI	RADIO FREQUENCY INTERFERENCE
EWC	ELECTRIC WATER COOLER	REQ'D	REQUIRED
EWL	ELECTRIC WATER HEATER	RMC	RIGID METAL CONDUIT
EXIST	EXISTING	SC	SPLIT CIRCUIT (SEE LEGEND NOTE 2)
EXP	INDICATES EXPLOSION PROOF EQUIPMENT	SF	SUPPLY FAN
FACP	FIRE ALARM CONTROL PANEL	S/N	SOLID NEUTRAL
FCU	FAN COIL UNIT	SPD	SURGE PROTECTION DEVICE
FLA	FULL LOAD AMPS	SW	SWITCH
GA	GRAPHIC ANNUNCIATOR	TEL	TELEPHONE
GEN	GENERATOR	TTB	TELEPHONE TERMINAL BOARD
GFCI	GOVERNMENT FURNISHED CONTRACTOR INSTALLED	TV	TELEVISION
GFI	GROUND FAULT INTERRUPTER	UH	UNIT HEATER
GND	GROUND	UG	UNDERGROUND
HID	HIGH INTENSITY DISCHARGE	UON	UNLESS OTHERWISE NOTED
HH	HANDHOLE	UPS	UNINTERRUPTIBLE POWER SUPPLY
		V	VOLTS
		VA	VETERANS AFFAIRS
		VAC	VOLTS ALTERNATING CURRENT
		VDC	VOLTS DIRECT CURRENT
		W	WIRE
		WH	WATER HEATER
		WP	INDICATES WEATHERPROOF EQUIPMENT
		XFMR	TRANSFORMER

STERIS CLEANSUITE CEILING SYSTEM GENERAL NOTES

- DESIGN PARAMETERS FOR STERIS LIGHTING.
 - AVERAGE MAINTAINED ILLUMINATION - AMBIENT: 2000 LX (200 FC) AT 3'-0".
 - AVERAGE MAINTAINED ILLUMINATION - TASK/FOCUS:
 - SETUP/CLEANUP: 1000 LX (100 FC) AT 3'-0" AFF.
 - TABLE: 3000 LX (300 FC) AT 3'-0" AFF, DIMMABLE.
 - SURGICAL FIELD: 15000 LX (1500 FC), SURGICAL TASK LIGHT.
 - CONTROL ROOM: 500 LX (50 FC).
 - UNIFORMITY RATIO (MAX/MIN):
 - AMBIENT: 2:1
 - SETUP/CLEANUP: 3:1
 - TABLE: 1.5:1
 - COLOR TEMPERATURE (CCT):
 - LED: 4000 DEGREES, OR MATCHING THE SURGICAL LIGHT CCT.
 - COLOR RENDERING (CRI):
 - LED: MINIMUM OF 90 AND MINIMUM R9 OF 90.
- EMERGENCY LIGHTING ABOVE SURGERY TABLE SHALL BE PROVIDED WITH 50% POWER EMERGENCY BATTERY PACKS.
- LIGHTING SHALL BE UL LISTED FOR WET LOCATIONS AND WIPED DOWN WITH CORROSIVE CLEANERS.
- LIGHTING SHALL HAVE GASKET AND SEAL.

CONSTRUCTION PHASING NOTES

- PHASE 1 AND PHASE 2 WILL PROVIDE 5 NEW CRITICAL POWER DUAL ISOLATION PANELS FED FROM EXISTING AREA B ELECTRICAL ROOM, TO CONNECT NEW PANELS FOR THE CRITICAL POWER REQUIREMENTS OF THE RENOVATION OF EXISTING OR'S 1-5 AREAS. NORMAL POWER WILL BE FED FROM EXISTING AREA B ELECTRICAL ROOM.
- PHASE 1 AND PHASE 2 WILL PROVIDE NEW ELECTRICAL FOR VA SUPPLIED SURGICAL LIGHTS IN 5 NEW OPERATING ROOMS AND POWER REQUIRED FOR STERIS CLEANSUITE CEILING LIGHTING.
- PHASE 1 AND PHASE 2 WILL PROVIDE NEW TELECOMMUNICATIONS HORIZONTAL CABLING, DEVICES, ETC. AS REQUIRED.
- PHASE 1 AND PHASE 2 WILL RECONNECT TELECOMMUNICATIONS DEVICES TO THE EXISTING TELECOMMUNICATIONS ROOM.
- PHASE 1 AND PHASE 2 WILL PROVIDE NEW AND SUPPLEMENT EXISTING PA SYSTEM COMPONENTS COMPATIBLE WITH THE EXISTING HOSPITAL STANDARD.
- PHASE 1 AND PHASE 2 WILL PROVIDE NEW OR REPLACE FIRE ALARM DEVICES AND INTEGRATE INTO THE EXISTING SYSTEM WITH DEVICES APPROVED AND COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM SERVING THE FLOOR AS REQUIRED TO PROVIDE A FULLY FUNCTIONAL ADDITION TO THE EXISTING FIRE ALARM SYSTEM.
- PHASE 3 WILL PROVIDE NEW LED LIGHTING TO SURGICAL SUITE AREA AND CONTROLS WHERE EXISTING CONTROLS CANNOT BE UTILIZED WITH NEW LED

MARK	LAMPS	VOLTAGE	LUMEN OUTPUT	WATTS	MANUFACTURER AND CATALOG NO.	MOUNTING	NOTES
A	LED	277V	3000	23.3	LITHONIA 2GTL-4-30L-FW-LP835	CEILING RECESSED	1,2,4
A1	LED	277V	3000	25	LITHONIA 2TLX4-30L-FW-LP835	SURFACE MOUNTED	2,4
B	LED	277V	4000	30.0	LITHONIA 2GTL-4-40L-FW-LP835	CEILING RECESSED	1,2,4
C	LED	277V	6000	49.0	LITHONIA 2GTL-4-60L-FW-LP835	CEILING RECESSED	1,2,4
D	LED	277V	4800	42.0	LITHONIA 2GTL-2-48L-FW-LP840	CEILING RECESSED	1,2,4
E	LED	277V	10900	111	KENALL M4SEDI-24-100L-35K9-DCC-120-2F-2H-SYM	CEILING RECESSED	1,2
F	LED	277V	11200	111	KENALL M4SEDI-24-100L-40K9-DCC-120-2F-2H-ASYM	CEILING RECESSED	1,2
X1	LED	277V	-	5	LITHONIA LE-S-R	CEILING SURFACE	
					STERIS (SEE STERIS CLEANSUITE GENERAL NOTES)		3

NOTES:

- PROVIDE WITH DRYWALL GRID ADAPTER ACCESSORY FOR GYPSUM CEILING INSTALLATION WHEN REQUIRED. REFER TO ARCHITECTURE REFLECTED CEILING PLAN FOR GYPSUM CEILING LOCATIONS.
- PROVIDE WITH FIXTURE GASKET AND SEAL AND UL LISTED FOR WET LOCATION.
- REFER TO ARCHITECTURE SHEET FOR INFORMATION.
- FLIP LENS TO SMOOTH SIDE.

PROJECT: 38000042-TMM VA MEMPHIS RENOVATE ORS18412-TMM VA MEMPHIS RENOVATE ORS18412-SHEETS/SEE-001.DWG

<p>CONSULTANTS</p> <p>CLARKNEXSEN</p> <p>440 Martin Luther King Jr. Blvd Macon, GA 31201 478.743.8415 Fax: 478.743.8239 www.clarknexsen.com</p>		<p>ARCHITECT/ENGINEER OF RECORD</p> <p>TOLAND MIZELL MOLNAR</p> <p>590 MEANS STREET NW STE. 200 ATLANTA, GA 30318</p>		<p>STAMP</p>	<p>Office of Construction and Facilities Management</p> <p>VA U.S. Department of Veterans Affairs</p>	<p>Drawing Title</p> <p>LEGEND AND SCHEDULES</p> <p>Approved: Project Director</p>	<p>Phase</p> <p>BID DOCUMENTS</p> <p>FULLY SPRINKLERED</p>	<p>Project Title</p> <p>VA Memphis Renovate Operating Rooms</p> <p>Location</p> <p>Memphis, TN</p> <p>Issue Date: 01/31/2020</p> <p>Checked: BK</p> <p>Drawn: MS</p>	<p>Project Number</p> <p>614-18-115</p> <p>Building Number</p> <p>01</p> <p>Drawing Number</p> <p>E-001 of</p>
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① PANEL ORI-NE (N) SCHEDULE

CKT. NO.	LOAD DESCRIPTION	30 AMP BUS			30 AMP MCB			120/208 VOLTS			1PH, 3W, SN			MIN. 10 KAC			SURFACE MOUNTED	CKT. NO.		
		COND. SIZE	WIRE SIZE	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP	AMPS	KVA	PH	KVA	AMPS	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP				
1	NORMAL RECEPTACLE 1 NEURAL O.R. - 3 BW305	1/2	12	20	4.5	0.5	A	0.5	4.5	20	12	1/2	12	20	12	1/2	12	20	12	1/2
3	NORMAL RECEPTACLE 2 NEURAL O.R. - 3 BW305	1/2	12	20	4.5	0.5	A	0.5	4.5	20	12	1/2	12	20	12	1/2	12	20	12	1/2
5	NORMAL RECEPTACLE 3 NEURAL O.R. - 3 BW305	1/2	12	20	4.5	0.5	A	0.5	4.5	20	12	1/2	12	20	12	1/2	12	20	12	1/2
7	SPARE																			
9	SPARE																			
11	SPARE																			
13	SPARE																			
15	SPARE																			

① PANEL ORI-NE (A) SCHEDULE

CKT. NO.	LOAD DESCRIPTION	60 AMP BUS			60 AMP MCB			120 VOLTS			1PH, 3W, SN			MIN. 10 KAC			SURFACE MOUNTED	CKT. NO.		
		COND. SIZE	WIRE SIZE	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP	AMPS	KVA	PH	KVA	AMPS	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP				
1	BOOM ARM A RECEPTACLE 1 NEURAL O.R. - 3 BW305	3/4	12	20	5.0	0.5	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
3	BOOM ARM A RECEPTACLE 2 NEURAL O.R. - 3 BW305	3/4	12	20	5.0	0.5	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
5	BOOM ARM A RECEPTACLE 3 NEURAL O.R. - 3 BW305	3/4	12	20	5.0	0.5	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
7	BOOM ARM A RECEPTACLE 4 NEURAL O.R. - 3 BW305	3/4	12	20	5.0	0.5	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
9	BOOM ARM D LIGHTING CONTROLLER NEURAL O.R. - 3 BW305	3/4	12	20	3.0	0.3	A	0.3	3.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
11	BOOM ARM H LIGHTING CONTROLLER NEURAL O.R. - 3 BW305	3/4	12	20	3.0	0.3	A	0.2	1.5	20	12	3/4	12	20	12	3/4	12	20	12	3/4
13	VIDEO MANAGEMENT CAMERA NEURAL O.R. - 3 BW305	3/4	12	20	3.0	0.3	B	0.2	1.5	20	12	3/4	12	20	12	3/4	12	20	12	3/4
15	SPARE NEURAL O.R. - 3 BW305																			

① PANEL ORI-NE (B) SCHEDULE

CKT. NO.	LOAD DESCRIPTION	60 AMP BUS			60 AMP MCB			120 VOLTS			1PH, 3W, SN			MIN. 10 KAC			SURFACE MOUNTED	CKT. NO.		
		COND. SIZE	WIRE SIZE	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP	AMPS	KVA	PH	KVA	AMPS	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP				
1	BOOM ARM A AND B - PUMP NEURAL O.R. - 3 BW305	3/4	12	20	5.4	0.6	A	0.2	1.9	20	12	3/4	12	20	12	3/4	12	20	12	3/4
3	AUTO MEDIC. DESPEN. NEURAL O.R. - 3 BW305	3/4	12	20	5.0	0.5	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
5	WARNER CABINET NEURAL O.R. - 3 BW305	3/4	12	20	10.0	1.0	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
7	MOBILE ROVER NEURAL O.R. - 3 BW305	3/4	12	20	3.0	0.3	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
9	O.R. ROOM RECEPTACLE 1 NEURAL O.R. - 3 BW305	3/4	12	20	1.5	0.2	A	0.2	1.5	20	12	3/4	12	20	12	3/4	12	20	12	3/4
11	DEFIBRILLATOR NEURAL O.R. - 3 BW305	3/4	12	20	5.0	0.5	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
13	MOBILE EMERGENCY CART NEURAL O.R. - 3 BW305	3/4	12	20	3.0	0.3	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
15	SPARE NEURAL O.R. - 3 BW305																			

① PANEL ORI-RO (N) SCHEDULE

CKT. NO.	LOAD DESCRIPTION	30 AMP BUS			30 AMP MCB			120/208 VOLTS			1PH, 3W, SN			MIN. 10 KAC			SURFACE MOUNTED	CKT. NO.		
		COND. SIZE	WIRE SIZE	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP	AMPS	KVA	PH	KVA	AMPS	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP				
1	NORMAL RECEPTACLE 1 ROBOTICS O.R. - 2 BW304	1/2	12	20	4.5	0.5	A	0.5	4.5	20	12	1/2	12	20	12	1/2	12	20	12	1/2
3	NORMAL RECEPTACLE 2 ROBOTICS O.R. - 2 BW304	1/2	12	20	4.5	0.5	A	0.5	4.5	20	12	1/2	12	20	12	1/2	12	20	12	1/2
5	NORMAL RECEPTACLE 3 ROBOTICS O.R. - 2 BW304	1/2	12	20	4.5	0.5	A	0.5	4.5	20	12	1/2	12	20	12	1/2	12	20	12	1/2
7	SPARE																			
9	SPARE																			
11	SPARE																			
13	SPARE																			
15	SPARE																			

① PANEL ORI-RO (A) SCHEDULE

CKT. NO.	LOAD DESCRIPTION	60 AMP BUS			60 AMP MCB			120 VOLTS			1PH, 3W, SN			MIN. 10 KAC			SURFACE MOUNTED	CKT. NO.		
		COND. SIZE	WIRE SIZE	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP	AMPS	KVA	PH	KVA	AMPS	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP				
1	BOOM ARM E RECEPTACLE 1 ROBOTICS O.R. - 2 BW304	3/4	12	20	5.0	0.5	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
3	BOOM ARM E RECEPTACLE 2 ROBOTICS O.R. - 2 BW304	3/4	12	20	5.0	0.5	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
5	BOOM ARM E RECEPTACLE 3 ROBOTICS O.R. - 2 BW304	3/4	12	20	5.0	0.5	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
7	BOOM ARM F RECEPTACLE 4 ROBOTICS O.R. - 2 BW304	3/4	12	20	5.0	0.5	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
9	O.R. ROOM RECEPTACLE CONTROLLER ROBOTICS O.R. - 2 BW304	3/4	12	20	3.0	0.3	A	0.2	1.5	20	12	3/4	12	20	12	3/4	12	20	12	3/4
11	VIDEO MANAGEMENT CAMERA ROBOTICS O.R. - 2 BW304	3/4	12	20	3.0	0.3	A	0.2	1.5	20	12	3/4	12	20	12	3/4	12	20	12	3/4
13	SPARE ROBOTICS O.R. - 2 BW304																			
15	SPARE ROBOTICS O.R. - 2 BW304																			

① PANEL ORI-RO (B) SCHEDULE

CKT. NO.	LOAD DESCRIPTION	60 AMP BUS			60 AMP MCB			120 VOLTS			1PH, 3W, SN			MIN. 10 KAC			SURFACE MOUNTED	CKT. NO.		
		COND. SIZE	WIRE SIZE	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP	AMPS	KVA	PH	KVA	AMPS	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP				
1	BOOM ARM A AND B - PUMP ROBOTICS O.R. - 2 BW304	3/4	12	20	5.4	0.6	A	0.3	2.9	20	12	3/4	12	20	12	3/4	12	20	12	3/4
3	AUTOMATIC MED. DISPEN. ROBOTICS O.R. - 2 BW304	3/4	12	20	5.0	0.5	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
5	WARNER CABINET ROBOTICS O.R. - 2 BW304	3/4	12	20	10.0	1.0	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
7	MOBILE ROVER ROBOTICS O.R. - 2 BW304	3/4	12	20	3.0	0.3	A	0.5	5.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
9	O.R. ROOM RECEPTACLE 1 ROBOTICS O.R. - 2 BW304	3/4	12	20	1.5	0.2	A	0.3	3.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
11	DEFIBRILLATOR ROBOTICS O.R. - 2 BW304	3/4	12	20	5.0	0.5	A	1.0	10.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
13	MOBILE EMERGENCY CART ROBOTICS O.R. - 2 BW304	3/4	12	20	3.0	0.3	A	1.0	10.0	20	12	3/4	12	20	12	3/4	12	20	12	3/4
15	SPARE ROBOTICS O.R. - 2 BW304																			

① PANEL ORI-CA (N) SCHEDULE

CKT. NO.	LOAD DESCRIPTION	30 AMP BUS			30 AMP MCB			120/208 VOLTS			1PH, 3W, SN			MIN. 10 KAC			SURFACE MOUNTED	CKT. NO.		
		COND. SIZE	WIRE SIZE	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP	AMPS	KVA	PH	KVA	AMPS	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP				
1	NORMAL RECEPTACLE 1 CARDIO O.R. - 1 BW302	1/2	12	20	4.5	0.5	A	0.5	4.5	20	12	1/2	12	20	12	1/2	12	20	12	1/2
3	NORMAL RECEPTACLE 2 CARDIO O.R. - 1 BW302	1/2	12	20	4.5	0.5	A	0.5	4.5	20	12	1/2	12	20	12	1/2	12	20	12	1/2
5	NORMAL RECEPTACLE 3 CARDIO O.R. - 1 BW302	1/2	12	20	4.5	0.5	A	0.5	4.5	20	12	1/2	12	20	12	1/2	12	20	12	1/2
7	SPARE																			
9	SPARE																			
11	SPARE																			
13	SPARE																			
15	SPARE																			

① PANEL ORI-CA (A) SCHEDULE

CKT. NO.	LOAD DESCRIPTION	60 AMP BUS			60 AMP MCB			120/208 VOLTS			1PH, 3W, SN			MIN. 10 KAC			SURFACE MOUNTED	CKT. NO.
		COND. SIZE	WIRE SIZE	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP	AMPS	KVA	PH	KVA	AMPS	BKR TRIP	COND. SIZE	WIRE SIZE	BKR TRIP		
1	BOOM ARM A RECEPTACLE 1 CARDIO O.R. - 1 BW302																	

A

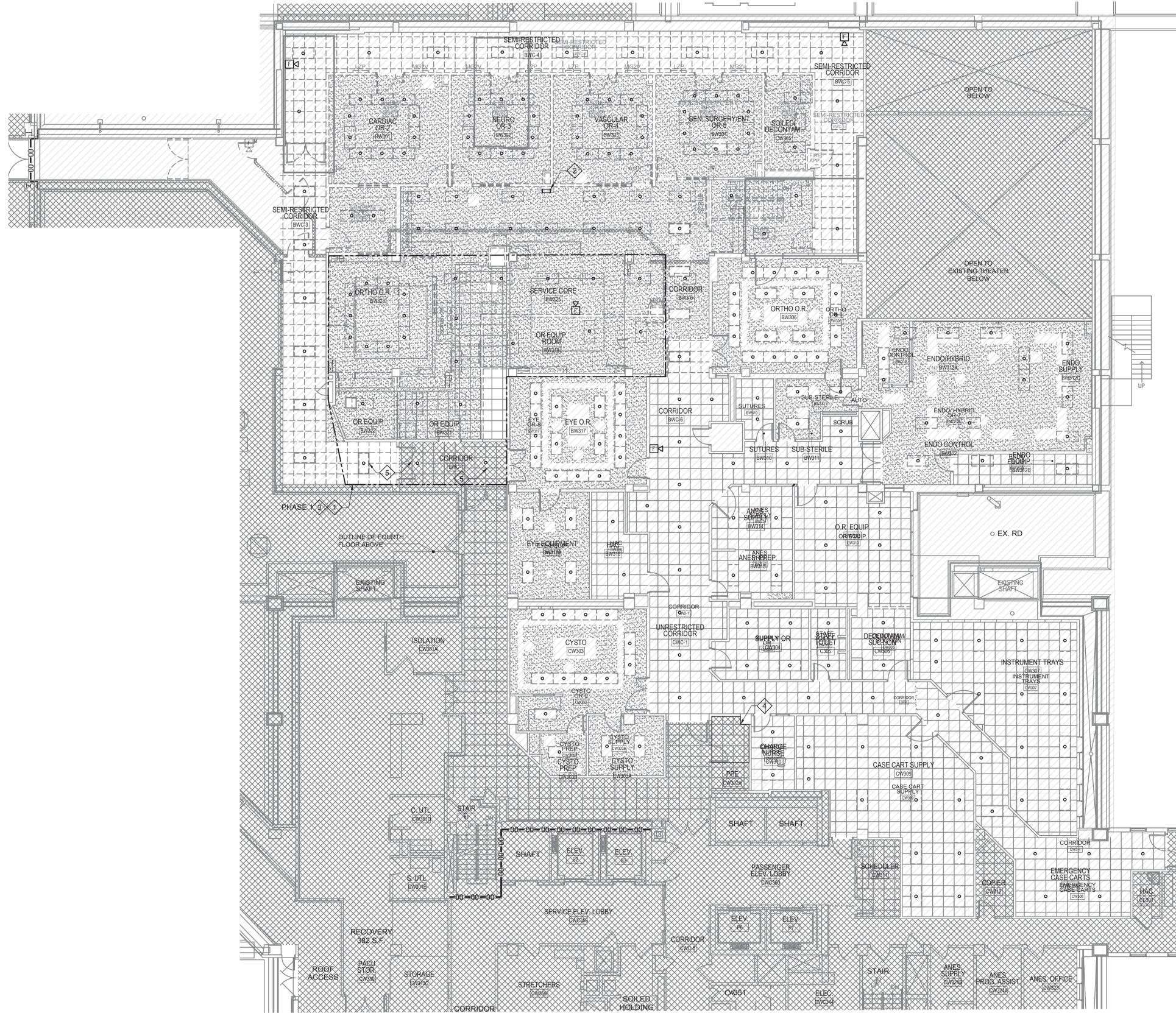
B

C

D

E

F



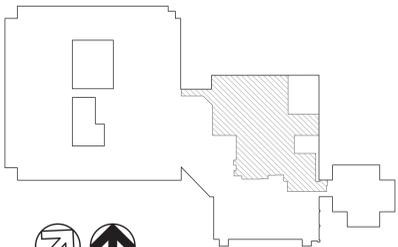
GENERAL NOTES

- A. THIS PLAN SHOWS GENERALLY THE EXTENT OF DEMOLITION TO BE PERFORMED. UNLESS NOTED OTHERWISE, DISCONNECT, REMOVE AND HULL OFF ALL ELECTRICAL ASSOCIATED WITH AREAS TO BE RENOVATED. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: LIGHT FIXTURES, WIRING DEVICES, PANELS, DISCONNECTS, ACCESSIBLE BOXES, CONDUIT AND CONDUCTORS, ETC. WHERE BRANCH CIRCUITS ARE BEING REMOVED, REMOVE BACK TO PANEL FEEDING OR CLOSEST JUNCTION BOX OF BRANCH CIRCUIT TO REMAIN. FIELD VERIFY AND COORDINATE EXISTING BRANCH CIRCUITS AND ELECTRICAL TO REMAIN IN ALL AREAS AND KEEP ACTIVE THROUGHOUT CONSTRUCTION. PROVIDE ALL APPURTENANCES NECESSARY AND MAKE ALL CONNECTIONS AS REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LIMITS OF CONSTRUCTION.
- B. REMOVE FIRE ALARM DEVICES UNLESS OTHERWISE NOTED. REMOVE BOXES, CONDUIT, AND CABLING BACK TO NEAREST REMAINING DEVICE. SERVICES TO OTHER FLOORS OR AREAS ON THE SAME FLOOR MUST NOT BE INTERRUPTED.
- C. REMOVE TELECOMMUNICATIONS AND CATV OUTLETS UNLESS OTHERWISE NOTED. REMOVE BOXES, CONDUIT AND CABLING BACK TO POINT OF SERVICE. EXISTING TELECOMMUNICATIONS EQUIPMENT IS LOCATED IN TELEPHONE CLOSET 6A-149.
- D. REMOVE SPECIAL SYSTEMS DEVICES (NURSE CALL, ACCESS CONTROL, CCTV) UNLESS OTHERWISE NOTED. REMOVE BOXES, CONDUIT AND CABLING BACK TO POINT OF SERVICE. SERVICES TO OTHER FLOORS OR OTHER AREAS ON THE SAME FLOOR MUST NOT BE INTERRUPTED.
- E. REMOVE WIRELESS ACCESS POINTS (WAPS) AND TURN OVER TO VA FOR STORAGE, FOR REINSTALLATION OF WAPS DURING NEW WORK.

DEMOLITION KEY NOTES

- 1. REFER TO GENERAL NOTES FOR DEMOLITION OF THIS AREA.
- 2. DURING PHASE 1, MAINTAIN PANEL AND CIRCUITS FEEDING OR'S 2, 3, 4, 5, AND REMOVE OTHER CIRCUITS FEEDING OR 1 BACK TO PANEL.
- 3. REMOVE AND MAINTAIN PUBLIC ADDRESS SPEAKER SYSTEM TO BE REINSTALLED, AT THE SAME LOCATION.
- 4. TELEPHONE CLOSET 6A-149.
- 5. REMOVE EXISTING LIGHTING, MAINTAIN CIRCUITRY ABOVE CEILING FOR INSTALLATION IN SAME LOCATION REFER TO EL-102. STORE AND MAINTAIN LIGHTING FIXTURE FOR RE-INSTALLATION. PROVIDE TEMPORARY LIGHTING WERE NECESSARY FOR CONTINUED OPERATION OF SPACE.

KEY PLAN



GRAPHIC SCALE



THIRD FLOOR DEMOLITION PLAN - PHASE 1 - ELECTRICAL
SCALE: 1/8" = 1'-0"

I:\PROJECTS\38000\42-TMM\VA MEMPHIS RENOVATE ORS\SETS\SETSEED101.DWG

VA FORM 08 - 6231

Revisions:	Date:

CONSULTANTS

CLARKNEXSEN

440 Martin Luther King Jr. Blvd
Macon, GA 31201
478.743.8415 Fax: 478.743.8239
www.clarknexsen.com

ARCHITECT/ENGINEER OF RECORD

TOLAND MIZELL MOLNAR

580 MEANS STREET NW
STE. 200
ATLANTA, GA 30318

STAMP

PERICK J. ROSE
REGISTERED ENGINEER
NO. 12345
STATE OF TENNESSEE

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
THIRD FLOOR DEMOLITION PLAN - PHASE 1 - ELECTRICAL

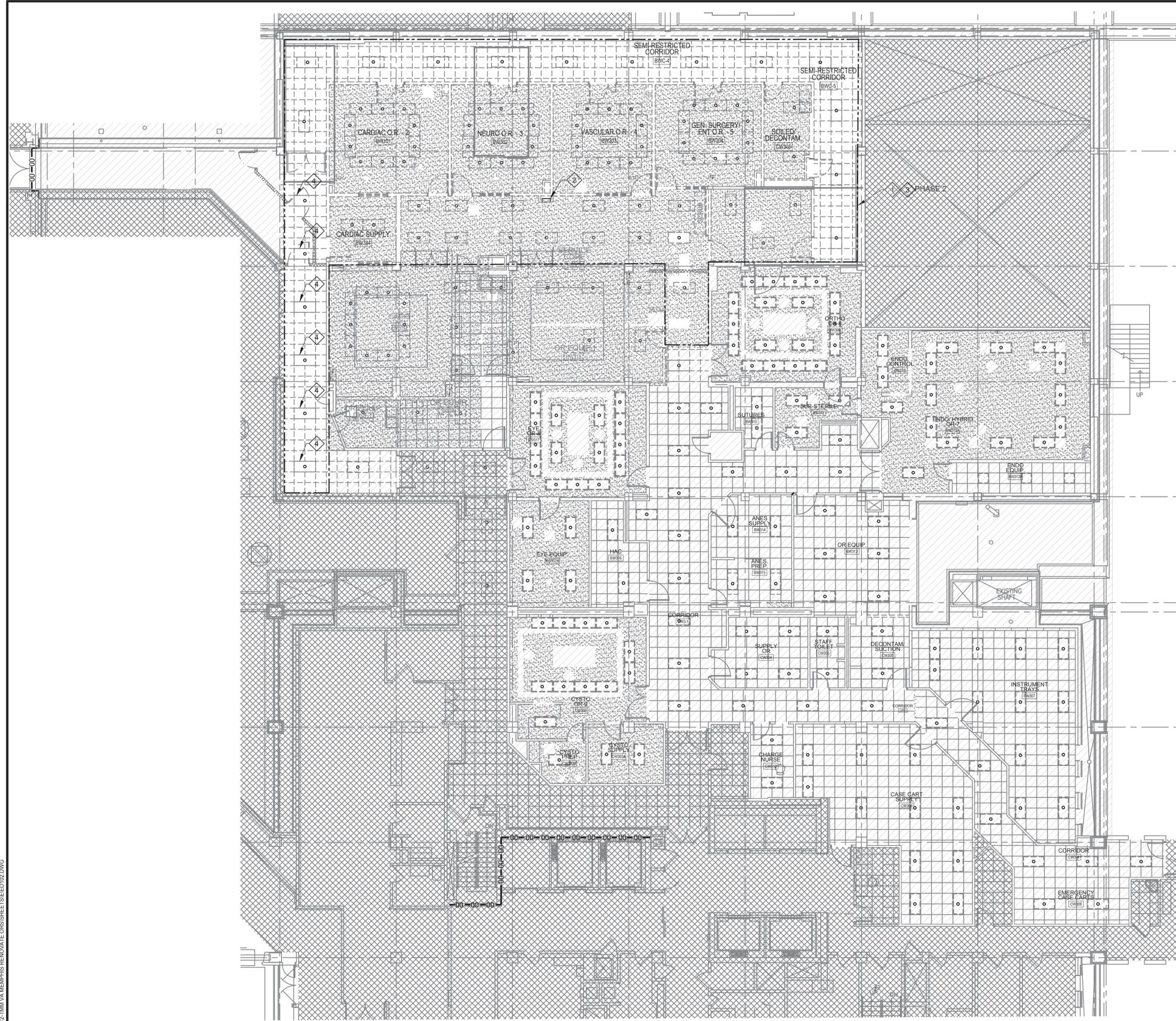
Approved: Project Director

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title VA Memphis Renovate Operating Rooms		Project Number 614-18-115	
Location Memphis, TN		Building Number 01	
Issue Date 01/31/2020	Checked RKR	Drawn BLD	Drawing Number ED101 of

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B
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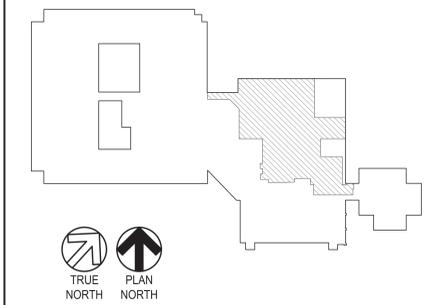
GENERAL NOTES

- A. THIS PLAN SHOWS GENERALLY THE EXTENT OF DEMOLITION TO BE PERFORMED. UNLESS NOTED OTHERWISE, DISCONNECT, REMOVE AND HULL OFF ALL ELECTRICAL ASSOCIATED WITH AREAS TO BE RENOVATED. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: LIGHT FIXTURES, WIRING DEVICES, PANELS, DISCONNECTS, ACCESSIBLE BOXES, CONDUIT AND CONDUCTORS, ETC. WHERE BRANCH CIRCUITS ARE BEING REMOVED, REMOVE BACK TO PANEL FEEDING OR CLOSEST JUNCTION BOX OF BRANCH CIRCUIT TO REMAIN. FIELD VERIFY AND COORDINATE EXISTING BRANCH CIRCUITS AND ELECTRICAL TO REMAIN IN ALL AREAS AND KEEP ACTIVE THROUGHOUT CONSTRUCTION. PROVIDE ALL APPURTENANCES NECESSARY AND MAKE ALL CONNECTIONS AS REQUIRED. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LIMITS OF CONSTRUCTION.
- B. REMOVE FIRE ALARM DEVICES UNLESS OTHERWISE NOTED. REMOVE BOXES, CONDUIT, AND CABLING BACK TO POINT OF SERVICE. SERVICES TO OTHER FLOORS OR AREAS ON THE SAME FLOOR MUST NOT BE INTERRUPTED.
- C. REMOVE TELECOMMUNICATIONS AND CATV OUTLETS UNLESS OTHERWISE NOTED. REMOVE BOXES, CONDUIT AND CABLING BACK TO POINT OF SERVICE. EXISTING TELECOMMUNICATIONS EQUIPMENT IS LOCATED IN TELEPHONE CLOSET 6A-149.
- D. REMOVE SPECIAL SYSTEMS DEVICES (NURSE CALL, PUBLIC ADDRESS, ACCESS CONTROL, CCTV) UNLESS OTHERWISE NOTED. REMOVE BOXES, CONDUIT AND CABLING BACK TO POINT OF SERVICE. SERVICES TO OTHER FLOORS OR OTHER AREAS ON THE SAME FLOOR MUST NOT BE INTERRUPTED.
- E. REMOVE WIRELESS ACCESS POINTS (WAPS) AND TURN OVER TO VA FOR STORAGE, FOR REINSTALLATION OF WAPS DURING NEW WORK.

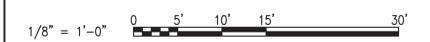
DEMOLITION KEY NOTES

- 1. REFER TO GENERAL NOTES FOR DEMOLITION OF THIS AREA.
- 2. DURING PHASE 2, REMOVE EXISTING PANEL AND CIRCUITS BACK TO SOURCE.
- 3. REMOVE AND MAINTAIN PUBLIC ADDRESS SPEAKER SYSTEM TO BE REINSTALLED, AT THE SAME LOCATION.
- 4. REMOVE EXISTING LIGHTING, MAINTAIN CIRCUITRY ABOVE CEILING FOR INSTALLATION IN SAME LOCATION REFER TO EL102. STORE AND MAINTAIN LIGHTING FIXTURE FOR RE-INSTALLATION. PROVIDE TEMPORARY LIGHTING WHERE NECESSARY FOR CONTINUED OPERATION OF SPACE.

KEY PLAN



GRAPHIC SCALE



THIRD FLOOR DEMOLITION PLAN - PHASE 2 - ELECTRICAL
SCALE: 1/8" = 1'-0"

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Revisions:	Date:

CONSULTANTS

CLARKNEXSEN

440 Martin Luther King Jr. Blvd
Macon, GA 31201
478.743.8415 Fax: 478.743.8239
www.clarknexsen.com

ARCHITECT/ENGINEER OF RECORD

TOLAND MIZELL MOLNAR

590 MEANS STREET NW
STE. 200
ATLANTA, GA 30318

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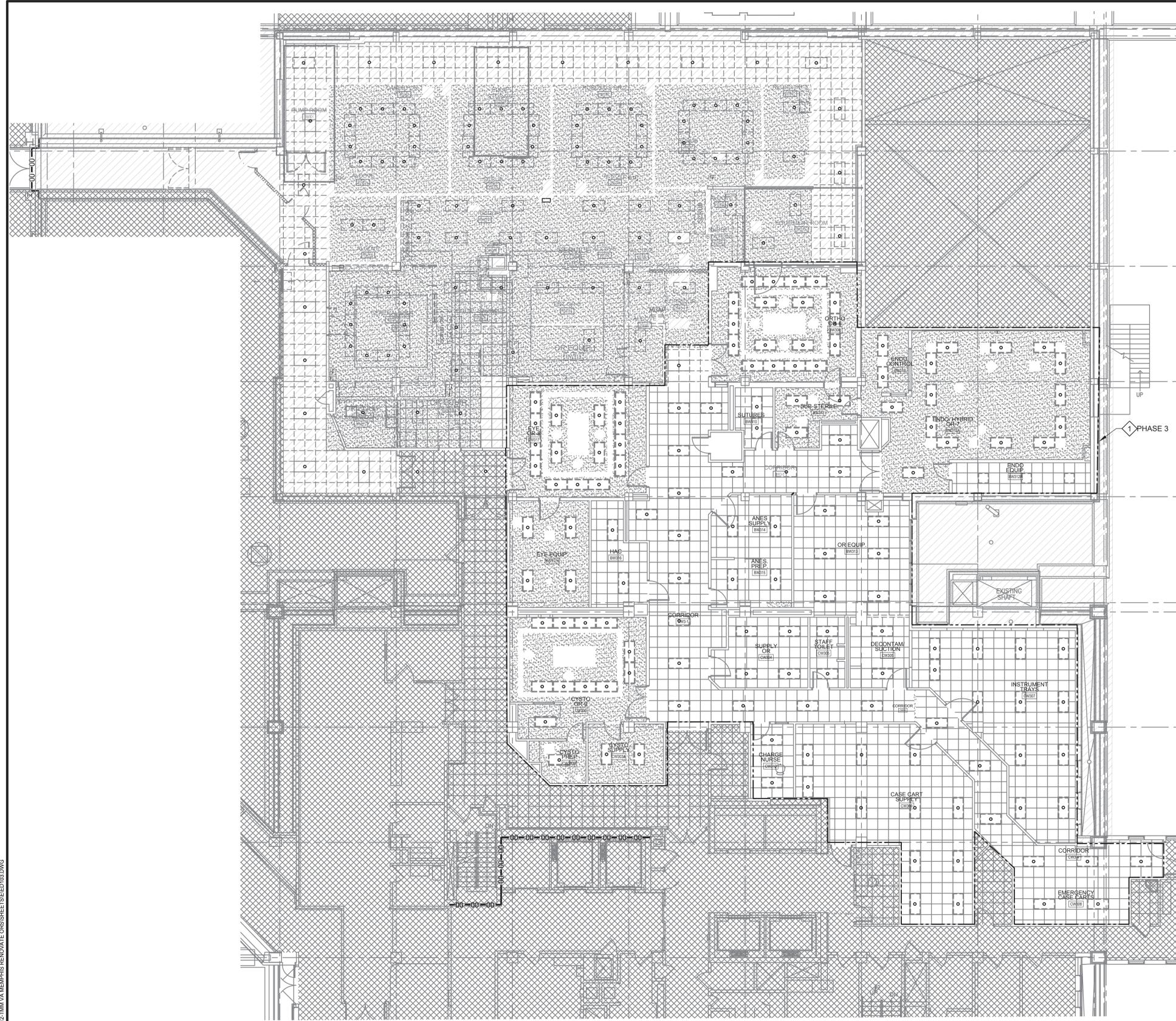
Drawing Title
THIRD FLOOR DEMOLITION PLAN - PHASE 2 - ELECTRICAL

Approved: Project Director

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title VA Memphis Renovate Operating Rooms		Project Number 614-18-115	
Location Memphis, TN		Building Number 01	
Issue Date 01/31/2020	Checked RKR	Drawn BLD	Drawing Number ED102 of



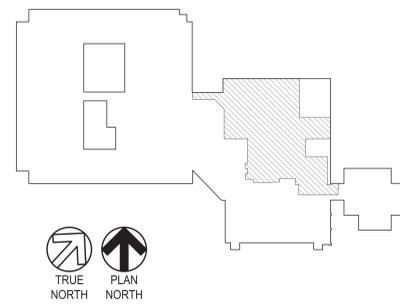
THIRD FLOOR DEMOLITION PLAN -
PHASE 3 - ELECTRICAL
SCALE: 1/8" = 1'-0"

GENERAL NOTES

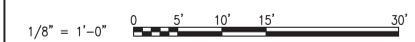
DEMOLITION KEY NOTES

1. DEMOLISH EXISTING FLUORESCENT LIGHTING FIXTURES. MAINTAIN LIGHTING CONTROL CIRCUITS WHERE CONTROL CAN BE UTILIZED IN ROOMS WITH NEW LED FIXTURES. WHERE LIGHTING CONTROL CIRCUITS CAN NOT BE UTILIZED WITH NEW LED LIGHTING FIXTURES, DEMOLISH CONTROLS BACK TO NEAREST JUNCTION BOX. MAINTAIN EXISTING CIRCUITS TO BE UTILIZED WITH NEW LEADS. REFER TO EL 101 KEY NOTE 1. SEE ARCHITECTURAL PLANS FOR REQUIRED COORDINATION WITH VA STAFF.

KEY PLAN



GRAPHIC SCALE



I:\PROJECTS\60000\412\TMM\VA MEMPHIS RENOVATE ORS\412\TMM\VA MEMPHIS RENOVATE ORS\SETS\ED103.DWG

Revisions:	Date:

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CLARKNEXSEN

440 Martin Luther King Jr. Blvd
Macon, GA 31201
478.743.8415 Fax: 478.743.8239
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590 MEANS STREET NW
STE. 200
ATLANTA, GA 30318

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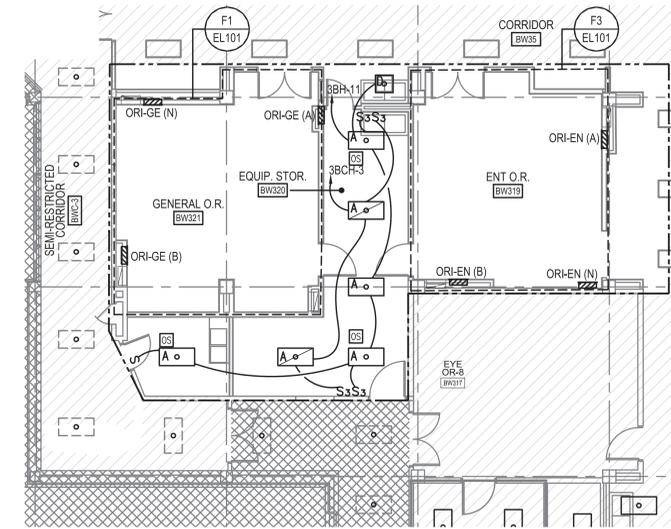
Drawing Title
THIRD FLOOR DEMOLITION PLAN -
PHASE 3 - ELECTRICAL

Approved: Project Director

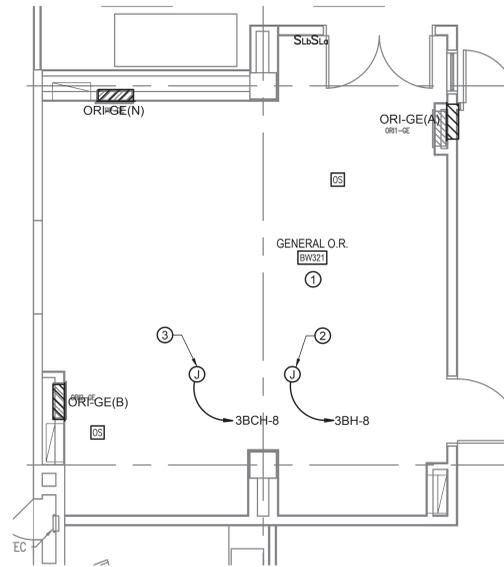
Phase
BID DOCUMENTS

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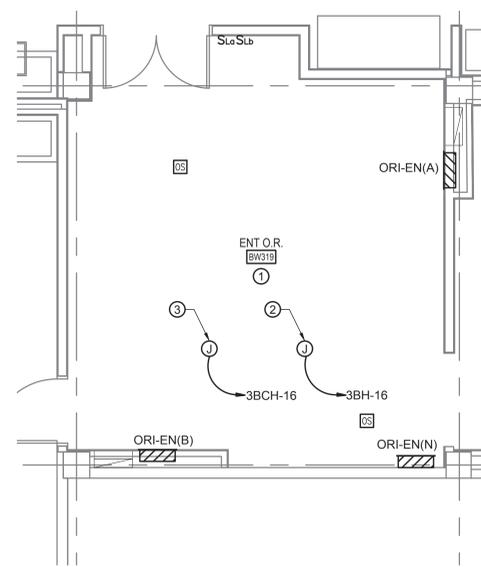
Project Title VA Memphis Renovate Operating Rooms		Project Number 614-18-115	
Location Memphis, TN		Building Number 01	
Issue Date 01/31/2020	Checked RKR	Drawn BLD	Drawing Number ED103 of



THIRD FLOOR LIGHTING PLAN - PHASE 1
SCALE: 1/8" = 1'-0"



F1 GENERAL O.R. ENLARGED PLAN
SCALE: 1/4" = 1'-0"



F3 ENT O.R. ENLARGED PLAN
SCALE: 1/4" = 1'-0"

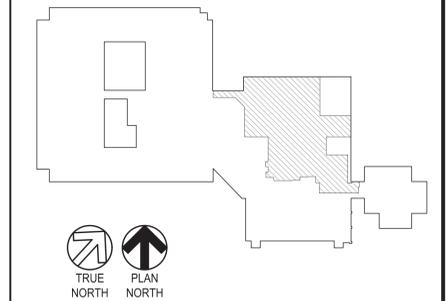
GENERAL NOTES

- A. LIGHTING CONTROLS IN OR SUPPORT SPACES AND SOILED/DECONTAMINATION ROOM TO BE MANUAL ON/VACANCY OFF CONTROL. PROVIDE POWER CONNECTIONS, EQUIPMENT AND ASSOCIATED APPURTENANCES (LOW VOLTAGE CABLING, DIGITAL ROOM CONTROLLER(S), RELAY(S), POWER SUPPLIES, ETC.) REQUIRED FOR CONTROL.
- B. LIGHTING CONTROLS IN OR CORRIDOR TO BE OCCUPANCY ON/VACANCY OFF CONTROL. PROVIDE POWER CONNECTIONS, EQUIPMENT AND ASSOCIATED APPURTENANCES (LOW VOLTAGE CABLING, DIGITAL ROOM CONTROLLER(S), RELAY(S), POWER SUPPLIES, ETC.) REQUIRED FOR CONTROL.
- C. FOR TYPICAL LIGHTING CONTROL SYSTEMS FOR OPERATING ROOMS, REFER TO DETAIL F7 ON SHEET EL501.

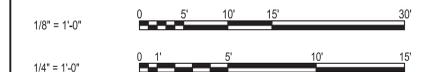
KEY NOTES

1. PROVIDE NEW LED STERIS LIGHTING FIXTURE SYSTEM. LIGHTING TO BE PROVIDED WITH STERIS CLEANSUITE CEILING SYSTEM. CONTROLS SHALL BE CONTINUOUS DIMMING SWITCHING SYSTEM. PROVIDE ALL POWER CONNECTIONS, EQUIPMENT ASSOCIATE APPURTENANCES (LOW VOLTAGE CABLING, DIGITAL ROOM CONTROLLERS, RELAYS, POWER SUPPLIES, ETC.) REFER TO DEMOLITION NOTE 2 ON SHEET ED101. REFER TO STERIS CLEANSUITE CEILING SYSTEM GENERAL NOTES ON SHEET E-001 FOR STERIS LIGHTING DESIGN SYSTEM REQUIREMENTS.
2. CONNECT PERIMETER LIGHTING TO NORMAL CIRCUIT, REFER TO NOTE 4 ON SHEET ED101.
3. CONNECT BASE LIGHTING TO EMERGENCY CIRCUIT, REFER TO NOTE 4 ON SHEET ED101.

KEY PLAN



GRAPHIC SCALE



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Revisions:	Date:

CONSULTANTS

CLARKNEXSEN

440 Martin Luther King Jr. Blvd
Macon, GA 31201
478.743.8415 Fax: 478.743.8239
www.clarknexsen.com

ARCHITECT/ENGINEER OF RECORD

TOLAND MIZELL MOLNAR

590 MEANS STREET NW
STE. 200
ATLANTA, GA 30318

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VA U.S. Department of Veterans Affairs

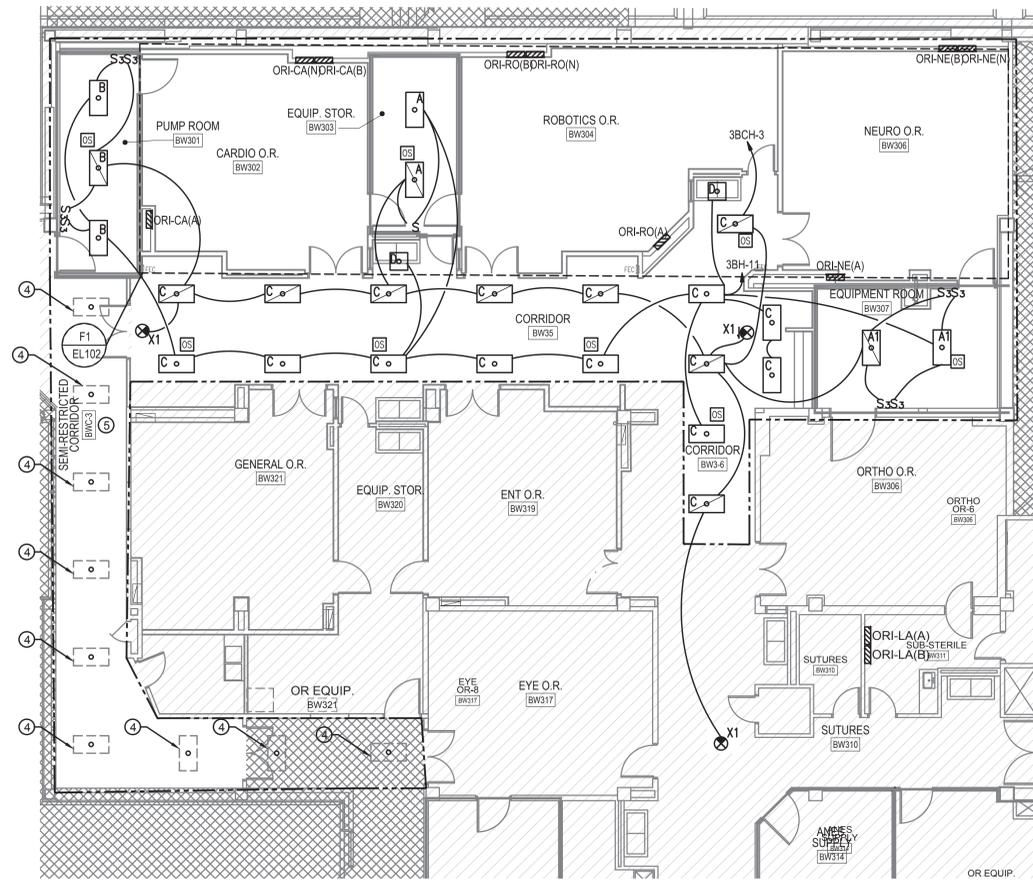
Drawing Title
THIRD FLOOR LIGHTING PLAN - PHASE 1

Approved: Project Director

Phase
BID DOCUMENTS

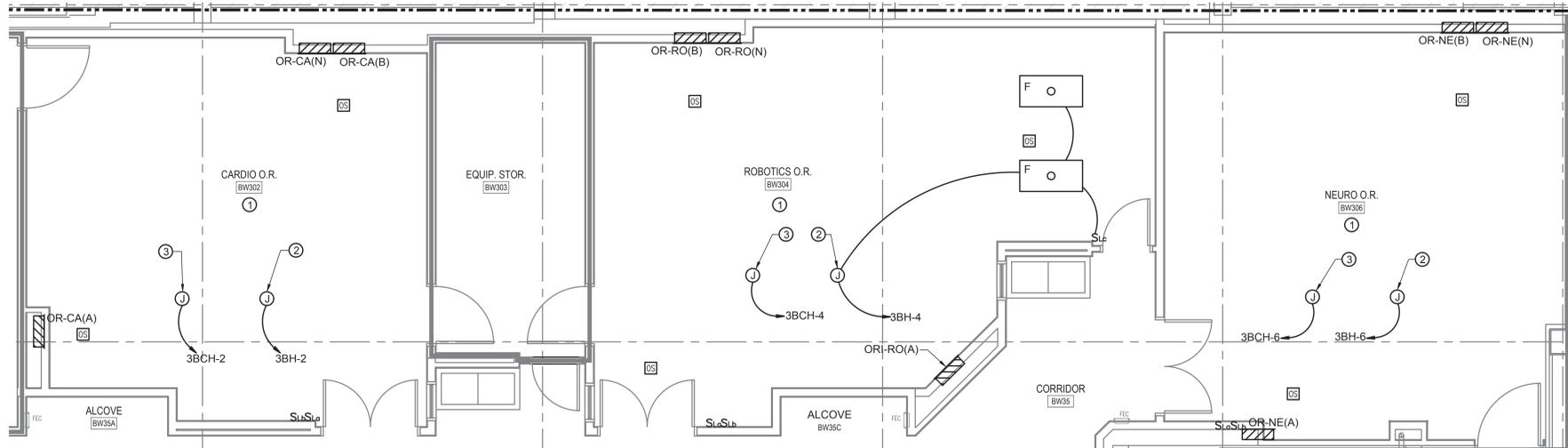
FULLY SPRINKLERED

Project Title VA Memphis Renovate Operating Rooms		Project Number 614-18-115	
Location Memphis, TN		Building Number 01	
Issue Date 01/31/2020	Checked RKR	Drawn BLD	Drawing Number EL101 of



THIRD FLOOR LIGHTING PLAN - PHASE 2

SCALE: 1/8" = 1'-0"



F1 CARDIO, ROBOTICS, & NEURO O.R. ENLARGED PLAN

SCALE: 1/4" = 1'-0"

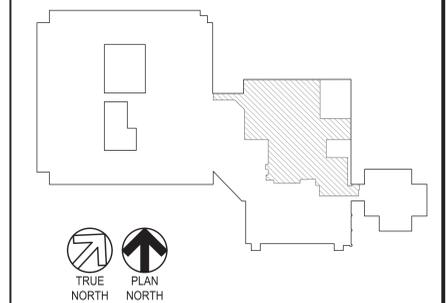
GENERAL NOTES

- A. LIGHTING CONTROLS IN OR SUPPORT SPACES AND SOILED/DECONTAMINATION ROOM TO BE MANUAL ON/VACANCY OFF CONTROL. PROVIDE POWER CONNECTIONS, EQUIPMENT AND ASSOCIATED APPURTENANCES (LOW VOLTAGE CABLING, DIGITAL ROOM CONTROLLER(S), RELAY(S), POWER SUPPLIES, ETC.) REQUIRED FOR CONTROL.
- B. LIGHTING CONTROLS IN OR CORRIDOR TO BE OCCUPANCY ON/VACANCY OFF CONTROL. PROVIDE POWER CONNECTIONS, EQUIPMENT AND ASSOCIATED APPURTENANCES (LOW VOLTAGE CABLING, DIGITAL ROOM CONTROLLER(S), RELAY(S), POWER SUPPLIES, ETC.) REQUIRED FOR CONTROL.
- C. FOR TYPICAL LIGHTING CONTROL SYSTEMS FOR OPERATING ROOMS, REFER TO DETAIL F7 ON SHEET EL501.

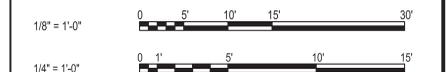
KEY NOTES

- 1. PROVIDE NEW LED STERIS LIGHTING FIXTURE SYSTEM. LIGHTING TO BE PROVIDED WITH STERIS CLEANSUITE CEILING SYSTEM. CONTROLS SHALL BE CONTINUOUS DIMMING SWITCHING SYSTEM. PROVIDE ALL POWER CONNECTIONS, EQUIPMENT ASSOCIATE APPURTENANCES (LOW VOLTAGE CABLING, DIGITAL ROOM CONTROLLERS, RELAYS, POWER SUPPLIES, ETC.) REFER TO DEMOLITION NOTE 2 ON SHEET ED101. REFER TO STERIS CLEANSUITE CEILING SYSTEM GENERAL NOTES ON SHEET E-001 FOR STERIS LIGHTING DESIGN SYSTEM REQUIREMENTS.
- 2. CONNECT PERIMETER LIGHTING TO NORMAL CIRCUIT, REFER TO NOTE 4 ON SHEET ED101.
- 3. CONNECT BASE LIGHTING TO EMERGENCY CIRCUIT, REFER TO NOTE 4 ON SHEET ED101.
- 4. RE-INSTALL LIGHTING FIXTURES TO EXISTING CIRCUIT, REFER TO ED101 AND ED102. REPLACE LAMPS AND VERIFY LIGHTING FIXTURE IN GOOD WORKING CONDITION.

KEY PLAN



GRAPHIC SCALE



Revisions:	Date:

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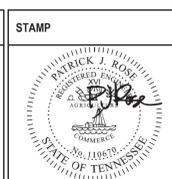
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440 Martin Luther King Jr. Blvd
Macon, GA 31201
478.743.8415 Fax: 478.743.8239
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ARCHITECT/ENGINEER OF RECORD

TOLAND MIZELL MOLNAR

590 MEANS STREET NW
STE. 200
ATLANTA, GA 30318



Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
THIRD FLOOR LIGHTING PLAN - PHASE 2

Approved: Project Director

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VA Memphis Renovate Operating Rooms

Project Number
614-18-115

Building Number
01

Location
Memphis, TN

Issue Date
01/31/2020

Checked
RKR

Drawn
BLD

Drawing Number
EL102 of

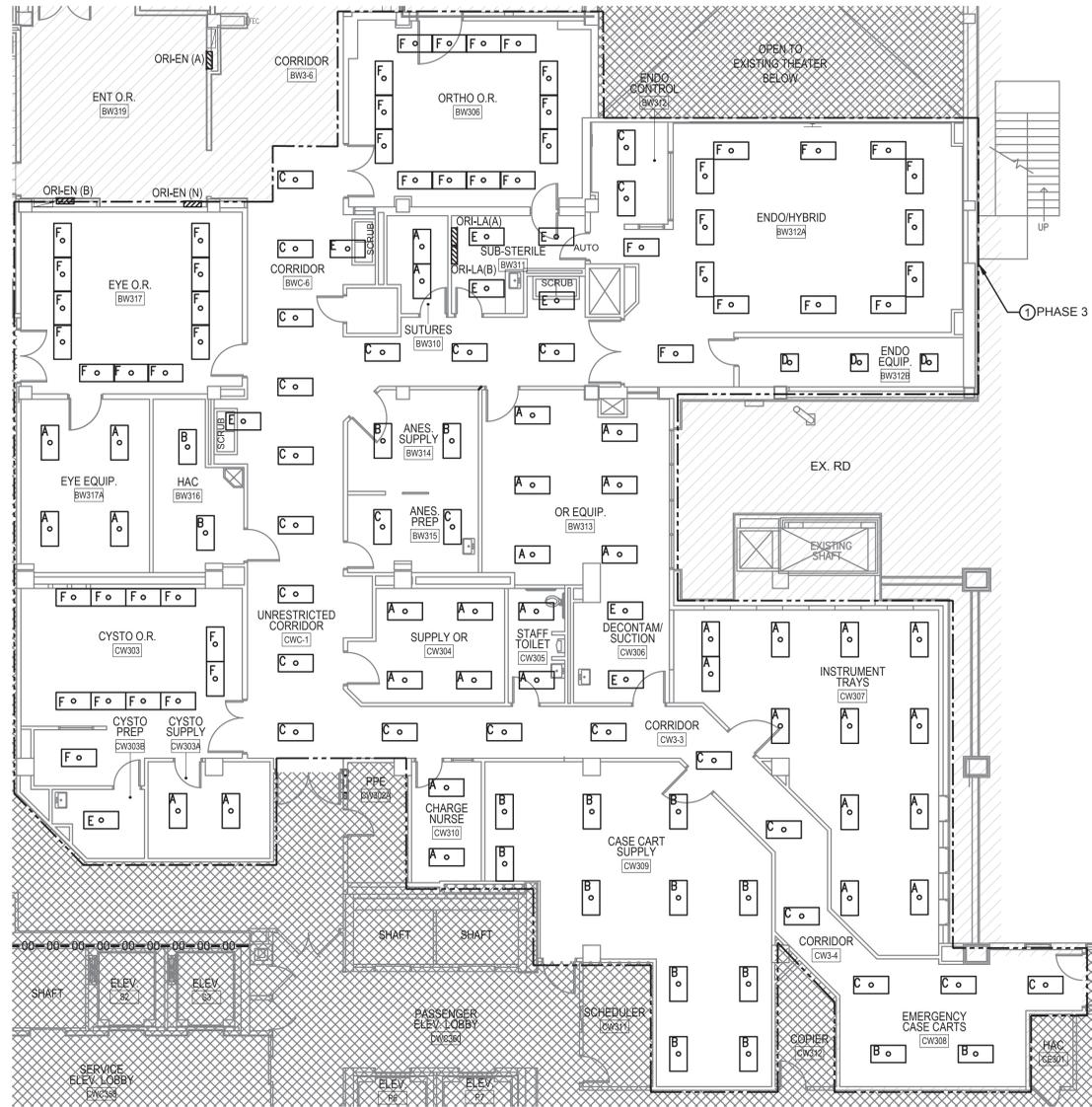
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GENERAL NOTES

- A. LIGHTING CONTROLS IN OR SUPPORT SPACES AND SOILED/DECONTAMINATION ROOM TO BE MANUAL ON/VACANCY OFF CONTROL. PROVIDE POWER CONNECTIONS, EQUIPMENT AND ASSOCIATED APPURTENANCES (LOW VOLTAGE CABLING, DIGITAL ROOM CONTROLLER(S), RELAY(S), POWER SUPPLIES, ETC.) REQUIRED FOR CONTROL.
- B. LIGHTING CONTROLS IN OR CORRIDOR TO BE OCCUPANCY ON/VACANCY OFF CONTROL. PROVIDE POWER CONNECTIONS, EQUIPMENT AND ASSOCIATED APPURTENANCES (LOW VOLTAGE CABLING, DIGITAL ROOM CONTROLLER(S), RELAY(S), POWER SUPPLIES, ETC.) REQUIRED FOR CONTROL.

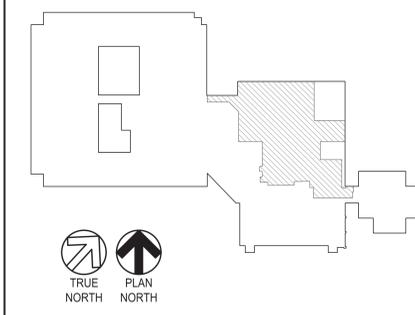
KEY NOTES

1. PROVIDE NEW LED LIGHTING FIXTURE TO REPLACE DEMOLISHED FLUORESCENT LIGHTING FIXTURES. IN EACH SPACE, RECONNECT CONTROLS WHERE EXISTING CONTROLS CAN BE UTILIZED. REPLACE CONTROLS WHERE EXISTING CONTROLS CAN NOT BE UTILIZED. NEW CONTROLS SHALL BE CONTINUOUS DIMMING SWITCHING SYSTEM. PROVIDE ALL POWER CONNECTIONS, EQUIPMENT ASSOCIATED APPURTENANCES (LOW VOLTAGE CABLING, DIGITAL ROOM CONTROLLERS, RELAYS, POWER SUPPLIES, ETC.) EXTEND AND RECONNECT EXISTING CIRCUITRY. REFER TO DEMOLITION NOTE 2 ON SHEET ED101. SEE ARCHITECTURAL PLANS FOR REQUIRED COORDINATION WITH VA STAFF.



THIRD FLOOR LIGHTING PLAN - PHASE 3
SCALE: 1/8" = 1'-0"

KEY PLAN



GRAPHIC SCALE



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CLARKNEXSEN

440 Martin Luther King Jr. Blvd
Macon, GA 31201
478.743.8415 Fax: 478.743.8239
www.clarknexsen.com

ARCHITECT/ENGINEER OF RECORD

TOLAND MIZELL MOLNAR

590 MEANS STREET NW
STE. 200
ATLANTA, GA 30318

STAMP

PATRICK J. RAY
REGISTERED ENGINEER
ARCHITECT
STATE OF TENNESSEE

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
THIRD FLOOR LIGHTING PLAN - PHASE 3

Approved: Project Director

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VA Memphis Renovate Operating Rooms

Location
Memphis, TN

Issue Date
01/31/2020

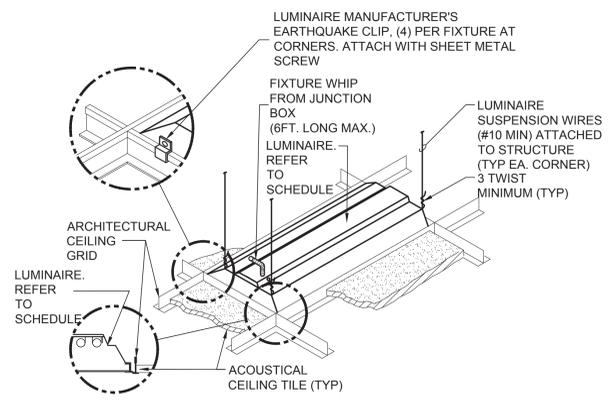
Checked
RKR

Drawn
BLD

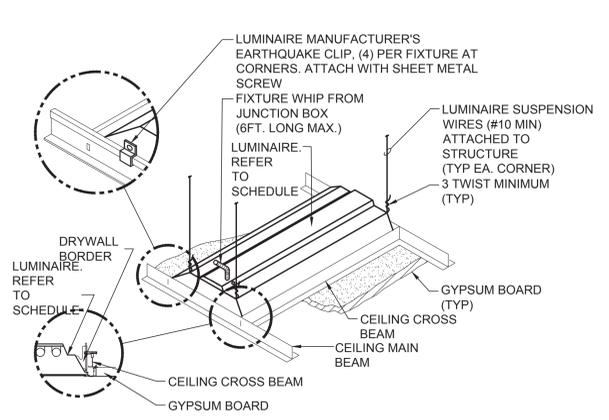
Project Number
614-18-115

Building Number
01

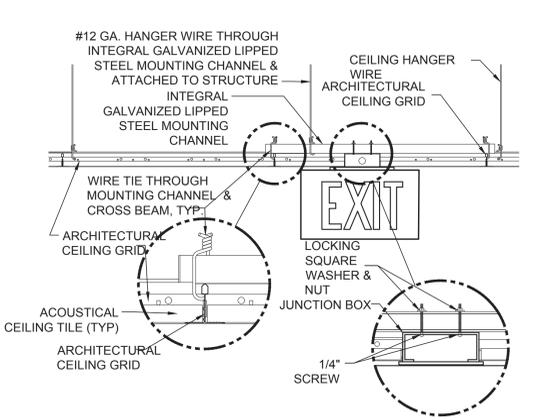
Drawing Number
EL103 of



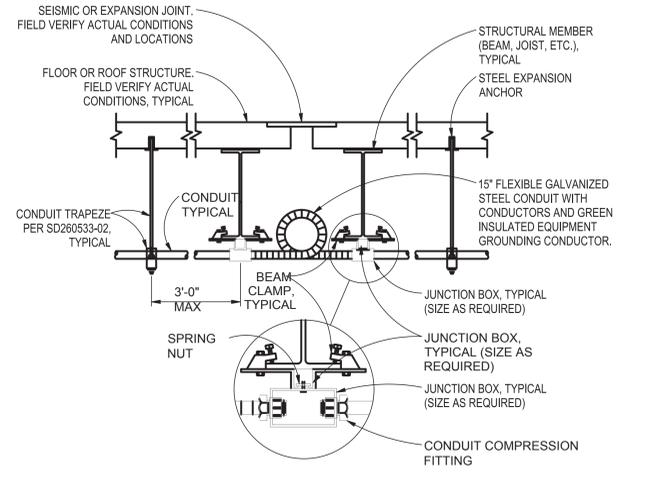
B3 LUMINAIRE MOUNTING - LAY-IN CEILING
SCALE: NONE



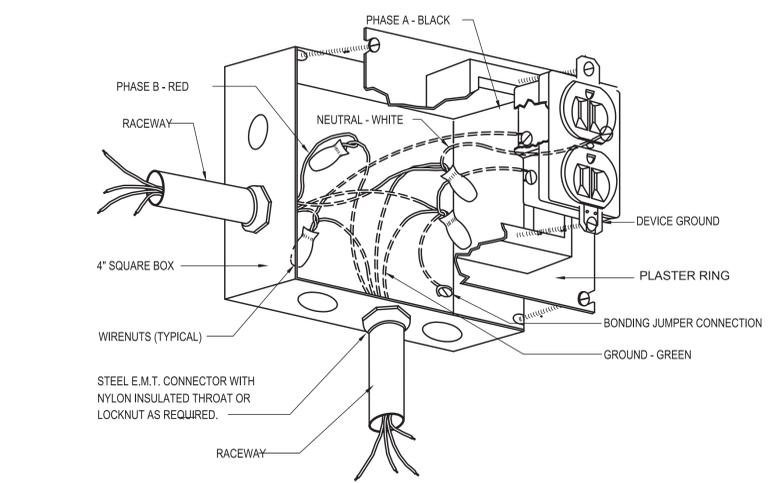
B5 LUMINAIRE MOUNTING - GYPBOARD CEILING
SCALE: NONE



D3 EXIT SIGN MOUNTING - LAY-IN CEILING
SCALE: NONE

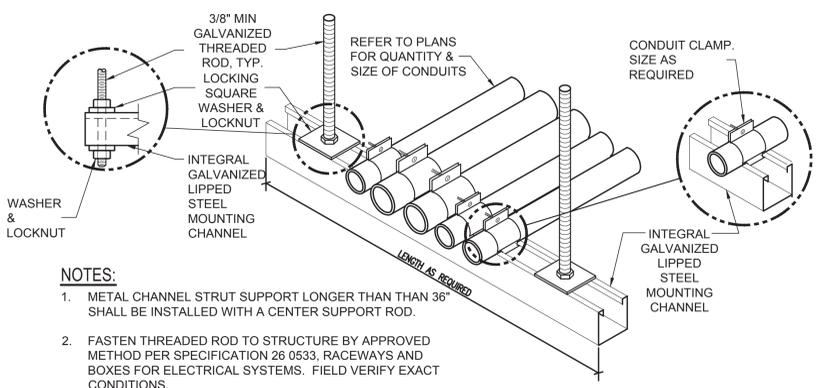


D5 CONDUIT EXPANSION JOINT CROSSING DETAIL
SCALE: NONE



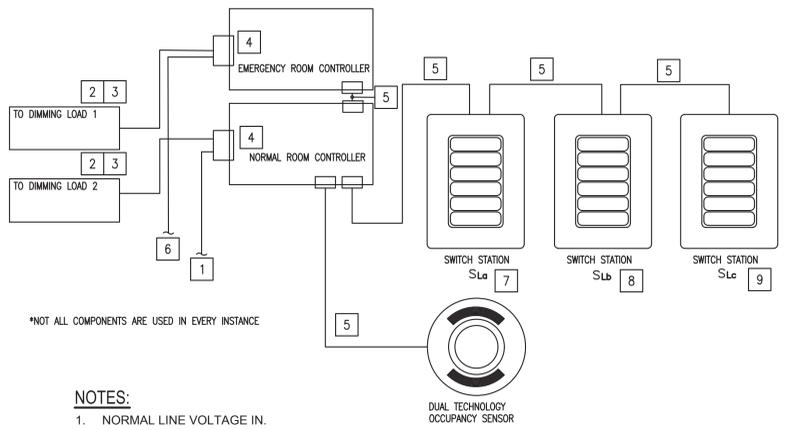
- NOTES:**
- A. EACH CONDUCTOR IN BOX SHALL BE OF SUFFICIENT LENGTH FOR MAKING UP SPLICES.
 - B. DO NOT INSTALL WIRES IN BACK OF DEVICE. LOOP AROUND TERMINAL SCREWS.
 - C. FACE OF PLASTER RING (WHERE UTILIZED) SHALL BE FLUSH WITH WALL.
 - D. FRONT OF DEVICE SHALL BE WITHIN 1/8" OF FINISHED WALL.

F1 RECEPTACLE WIRING DETAIL
SCALE: NONE



- NOTES:**
1. METAL CHANNEL STRUT SUPPORT LONGER THAN THAN 36" SHALL BE INSTALLED WITH A CENTER SUPPORT ROD.
 2. FASTEN THREADED ROD TO STRUCTURE BY APPROVED METHOD PER SPECIFICATION 28 0533, RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS. FIELD VERIFY EXACT CONDITIONS.
 3. FOR TRAPEZE INSTALLATIONS IN SEISMIC AREAS REFER TO SPECIFICATION SECTION 10 05 41, SEISMIC RESTRAINT REQUIREMENTS FOR NON-STRUCTURAL COMPONENTS.

F4 CONDUIT TRAPEZE MOUNTING DETAIL
SCALE: NONE



*NOT ALL COMPONENTS ARE USED IN EVERY INSTANCE

- NOTES:**
1. NORMAL LINE VOLTAGE IN.
 2. LINE VOLTAGE OUT FROM RELAY, TO EACH CONTROL ZONE.
 3. LOW VOLTAGE (0-10V) OUT FROM DIMMER CONTROL ZONE TO EACH FIXTURE.
 4. ROOM CONTROLLER, WITH RELAYS FOR ZONE CONTROL AND DIMMING ZONES AS APPLICABLE, WITH DAYLIGHT AND OCCUPANCY SENSOR CONTROL INTERFACE. THE CONTROL ZONES AND DIMMING ZONES ARE INDEPENDENT FROM ONE ANOTHER. MOUNT IN AN ACCESSIBLE LOCATION ABOVE THE ENTRANCE DOOR TO ROOM.
 5. LOW VOLTAGE CONTROL WIRING. WIRING TO BE COMPATIBLE WITH LIGHTING EQUIPMENT AND IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 6. EMERGENCY LINE VOLTAGE IN.
 7. INNER OR LIGHTING. COORDINATE CONTROL WITH STERIS CLEANSUITE CEILING LIGHTING SYSTEM.
 8. OUTER OR LIGHTING. COORDINATE CONTROL WITH STERIS CLEANSUITE CEILING LIGHTING SYSTEM.
 9. SWITCH STATION ONLY USED IN ROOM BW304: ROBOTICS OR.

F7 TYPICAL OR LIGHTING CONTROL RISER
SCALE: NONE

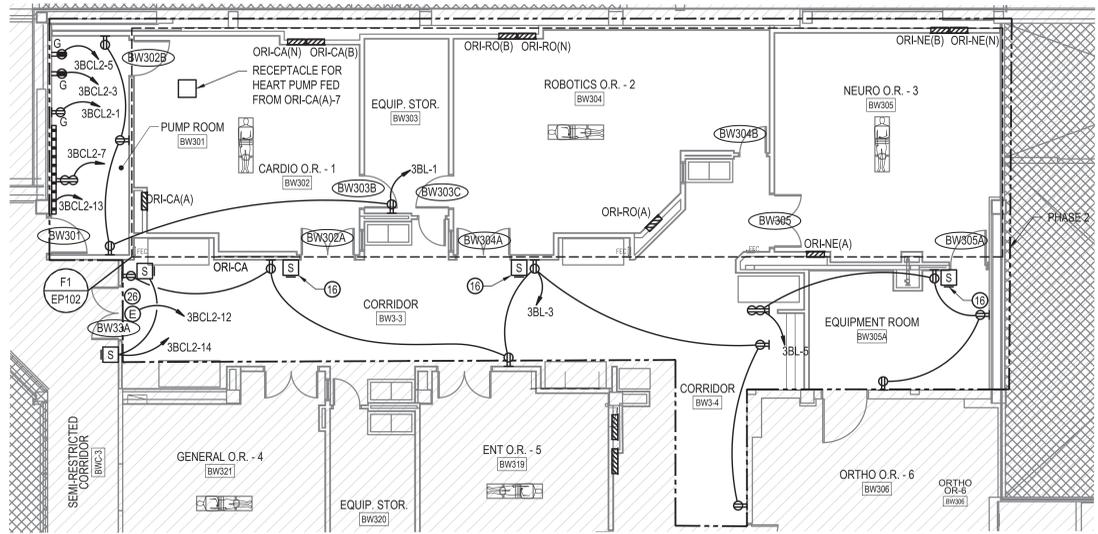
PROJECT: 380000412 TMM VA MEMPHIS RENOVATE ORS19412 TMM VA MEMPHIS RENOVATE ORS19412 SHEET: 01

Revisions: _____ Date: _____	CONSULTANTS CLARKNEXSEN 440 Martin Luther King Jr. Blvd Macon, GA 31201 478.743.8415 Fax: 478.743.8239 www.clarknexsen.com	ARCHITECT/ENGINEER OF RECORD TOLAND MIZELL MOLNAR 590 MEANS STREET NW STE. 200 ATLANTA, GA 30318	STAMP 	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title LIGHTING FIXTURE DETAILS Approved: Project Director	Phase BID DOCUMENTS FULLY SPRINKLERED	Project Title VA Memphis Renovate Operating Rooms Location Memphis, TN	Project Number 614-18-115 Building Number 01 Drawing Number EL501 of
	Issue Date 01/31/2020	Checked RKR	Drawn BLD	Issue Date 01/31/2020	Checked RKR	Drawn BLD	Issue Date 01/31/2020	Checked RKR

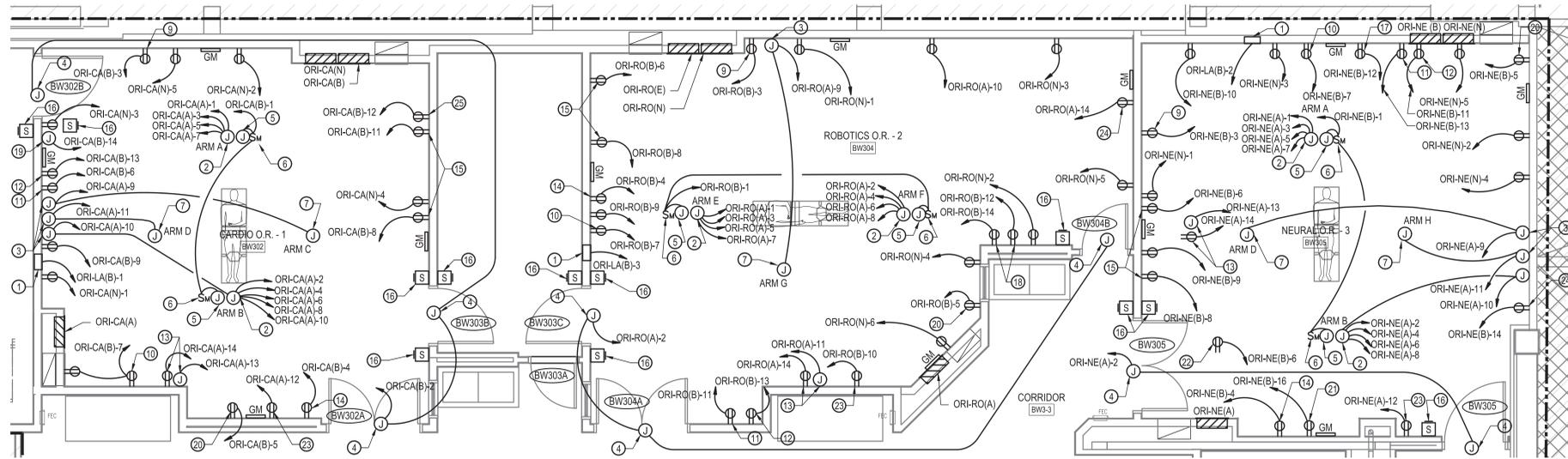
GENERAL NOTES

KEY NOTES

1. LASER RECEPTACLE MODULE - 208V, 1Ø, MOUNT AT 24" AFF.
2. PREFAB SURGICAL SERVICE COLUMN. PROVIDE LOW IMPEDANCE CIRCUITING FROM ISOLATION PANEL BREAKER TO IDENTIFIED CIRCUITS ON ARMS. CONTRACTOR TO PROVIDE CONDUIT, BOXES AND XHHW-2 CONDUCTORS. SEE SPECIFICATIONS FOR CONDUCTOR COLOR CODING. COORDINATE BOX LOCATIONS ON MOUNTING PLATE WITH STERIS REPRESENTATIVE. STERIS TO MAKE ALL SPLICES TO CIRCUITS IN ARMS. SEE PANEL SCHEDULES, SHEETS E004.
3. CONTROL CABINET. REFER TO BOOM MANUFACTURER INFORMATION. BASIS OF DESIGN SKYTRON (2) AUAT5, (1) ERGON 3.
4. DOOR ACTUATOR CONNECTION.
5. HYDRAULIC PUMP CONNECTION - 2.7A, 120V.
6. DEDICATED DOUBLE POLE SWITCH. MOUNT TO JUNCTION BOX ABOVE CEILING.
7. SURGICAL LIGHTING FIXTURE CONNECTION. SEE BOOM LIGHTING FIXTURE WIRING DIAGRAM, THIS SHEET.
8. ELAPSE TIME CLOCK. COORDINATE MOUNTING HEIGHT WITH USER.
9. AUTOMATIC MEDICATION DISTRIBUTION SYSTEM.
10. MOBILE ROVER UNIT.
11. DEFIBRILLATOR / MONITOR / RECORDER.
12. MOBILE EMERGENCY CART.
13. VIDEO MANAGEMENT SYSTEM CONNECTION.
14. WORKSTATION ON WHEELS.
15. MEDICAL MONITOR.
16. PROVIDE JUNCTION BOX IN WALL AND 1" CONDUIT TO ACTUATOR FOR MOTION SENSOR DOOR CONTROL.
17. STEREODACTIC SURGICAL SYSTEM.
18. ROBOTIC SURGICAL SYSTEM.
19. RADIO ULTRASONIC SCANNER.
20. WARMING UNIT.
21. PACS STATION.
22. "EYE IN THE SKY" CAMERA RECEPTACLE. COORDINATE LOCATION WITH OWNER.
23. WALL MOUNT INTEGRATED OPERATING ROOM SYSTEM.
24. PATIENT TRANSFER DEVICE.
25. TRANSPORT MONITOR.
26. SEE EY102 FOR ADDITIONAL WORK RELATED TO DOOR ACTUATOR AND ACCESS CONTROL.

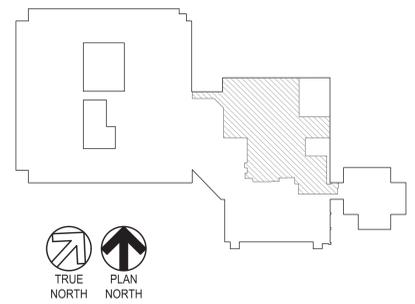


THIRD FLOOR POWER PLAN - PHASE 2
SCALE: 1/8" = 1'-0"

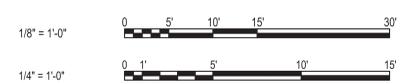


F1 CARDIO OR-1, ROBOTICS OR-2, & NEURAL OR-3 ENLARGED PLAN
SCALE: 1/4" = 1'-0"

KEY PLAN



GRAPHIC SCALE



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	Approved: Project Director	Fully Sprinklered	Location Memphis, TN	Building Number 01	Drawing Number EP102 of			

PROJECT: 38000942.TMM.VA.MEMPHIS.RENOVATE.ORS18412.TMM.VA.MEMPHIS.RENOVATE.ORS18412.SHEET:EP102.DWG
 VA FORM 08-6231

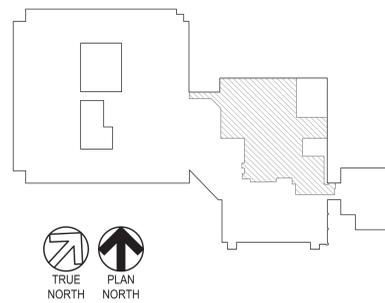
GENERAL NOTES

1. SEE E-001 FOR GENERAL NOTES

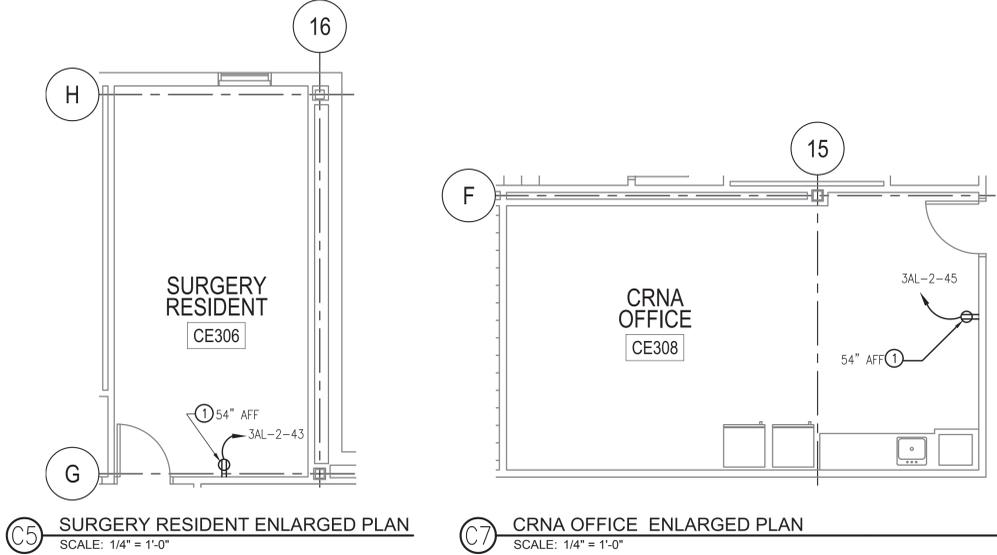
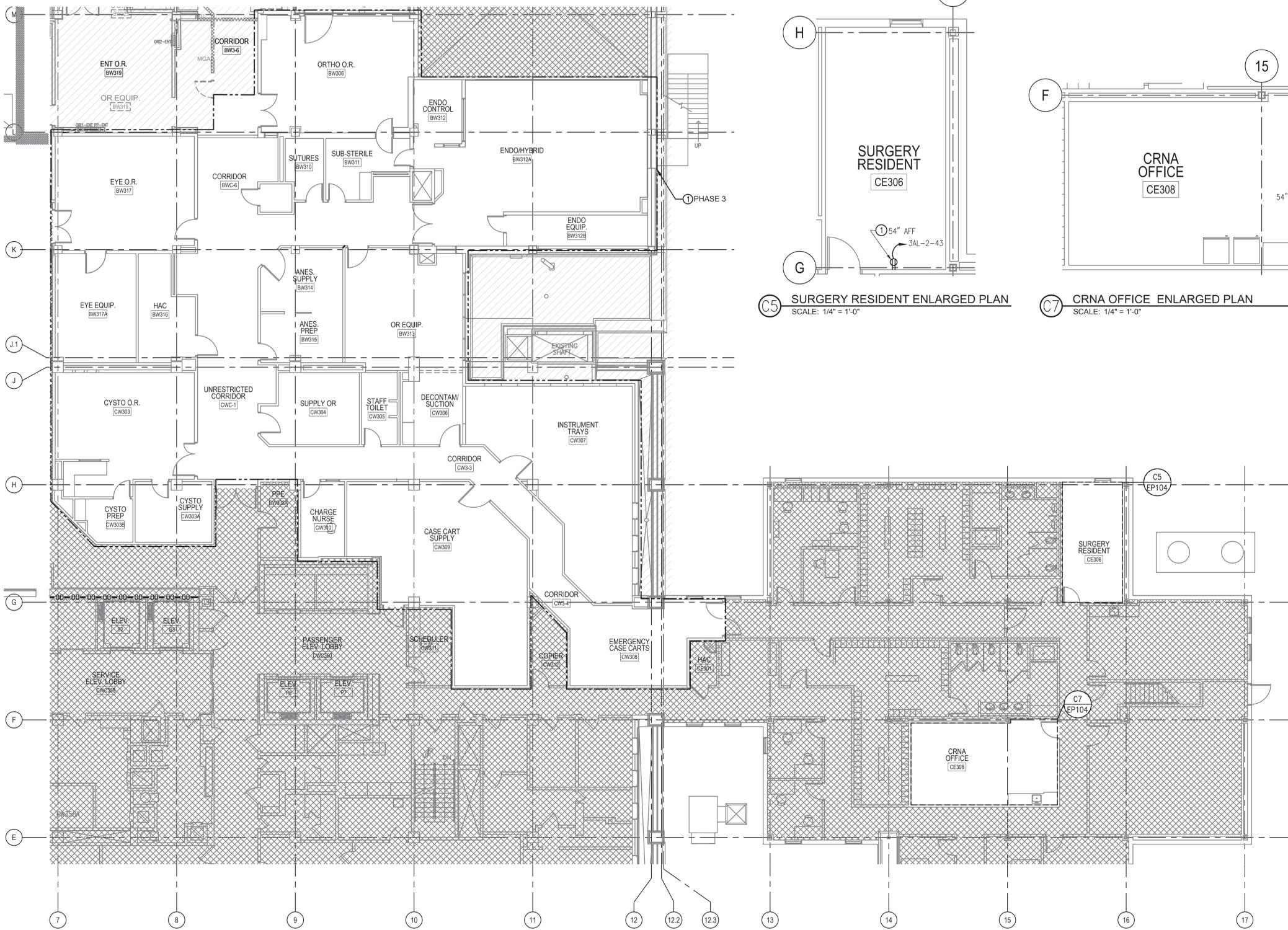
KEY NOTES

1. COORDINATE LOCATION OF RECEPTACLE WITH TV MOUNT.

KEY PLAN



GRAPHIC SCALE



THIRD FLOOR POWER PLAN - PHASE 3
SCALE: 1/8" = 1'-0"

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440 Martin Luther King Jr. Blvd
Macon, GA 31201
478.743.8415 Fax: 478.743.8239
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ARCHITECT/ENGINEER OF RECORD

TOLAND MIZELL MOLNAR

590 MEANS STREET NW
STE. 200
ATLANTA, GA 30318

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
THIRD FLOOR POWER PLAN - PHASE 3

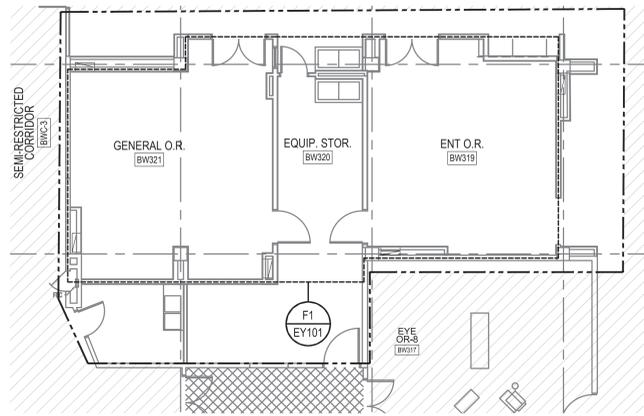
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Phase
BID DOCUMENTS

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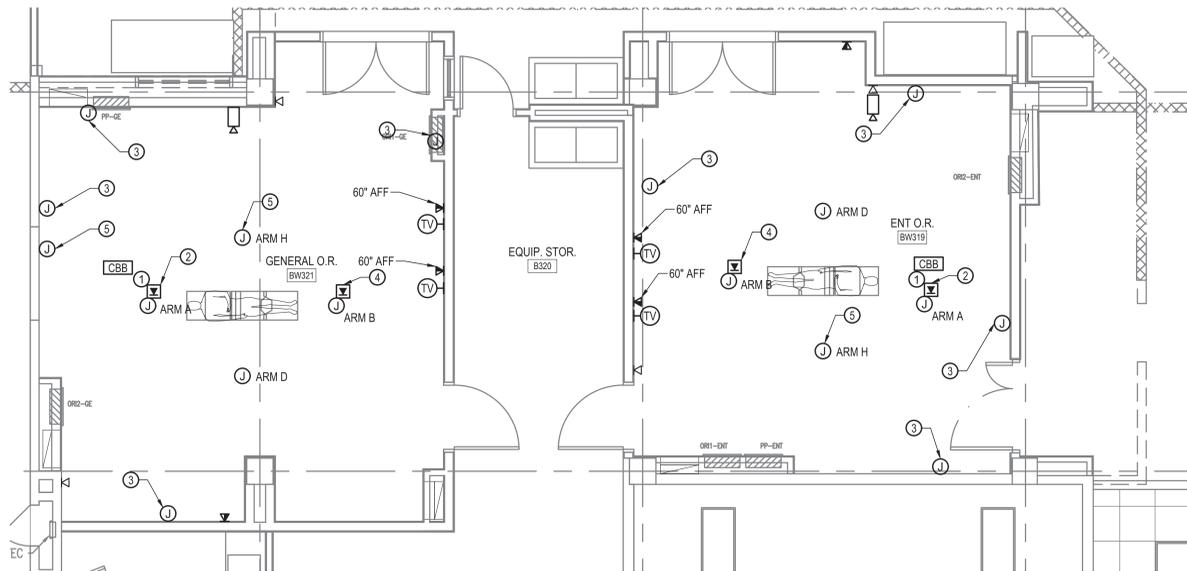
Project Title VA Memphis Renovate Operating Rooms		Project Number 614-18-115	
Location Memphis, TN		Building Number 01	
Issue Date 01/31/2020	Checked RKR	Drawn BLD	Drawing Number EP104 of

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**THIRD FLOOR SPECIAL SYSTEMS PLAN
- PHASE 1**

SCALE: 1/8" = 1'-0"



F1 GENERAL & ENT O.R. ENLARGED PLAN

SCALE: 1/4" = 1'-0"

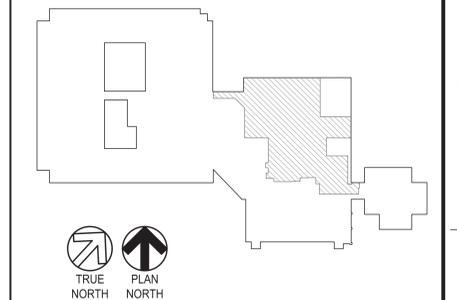
GENERAL NOTES

- SEE E-001 FOR GENERAL NOTES

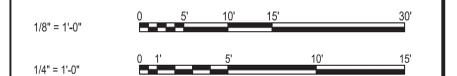
KEY NOTES

- CODE BLUE SYSTEM. REFER TO SHEET EY501 FOR DETAILS.
- PROVIDE 1" CONDUIT WITH (4) CAT 6 CABLES FROM TELECOM ROOM 6A-149 FOR STERIS BOOM. CONTRACTOR TO COORDINATE WITH STERIS FOR ROUTING OF CONNECTIONS.
- PROVIDE FLUSH MOUNTED JUNCTION BOX AT 18" AFF. 1" CONDUIT ROUTED IN WALL AND STUBBED TO ABOVE CEILING WITH BUSHING.
- PROVIDE 1" CONDUIT WITH (3) CAT 6 CABLES FROM TELECOM ROOM 6A-149 FOR STERIS BOOM. CONTRACTOR TO COORDINATE WITH STERIS FOR ROUTING OF CONNECTIONS.
- PROVIDE 1" CONDUIT FROM JUNCTION BOX TO BOOM ARM CAMERA JUNCTION BOX. CONTRACTOR TO COORDINATE WITH STERIS FOR ROUTING OF CONNECTIONS.

KEY PLAN



GRAPHIC SCALE



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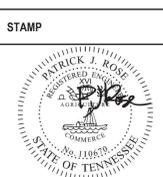
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ARCHITECT/ENGINEER OF RECORD

TOLAND MIZELL MOLNAR

590 MEANS STREET NW
STE. 200
ATLANTA, GA 30318



Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
THIRD FLOOR SPECIAL SYSTEMS PLAN - PHASE 1

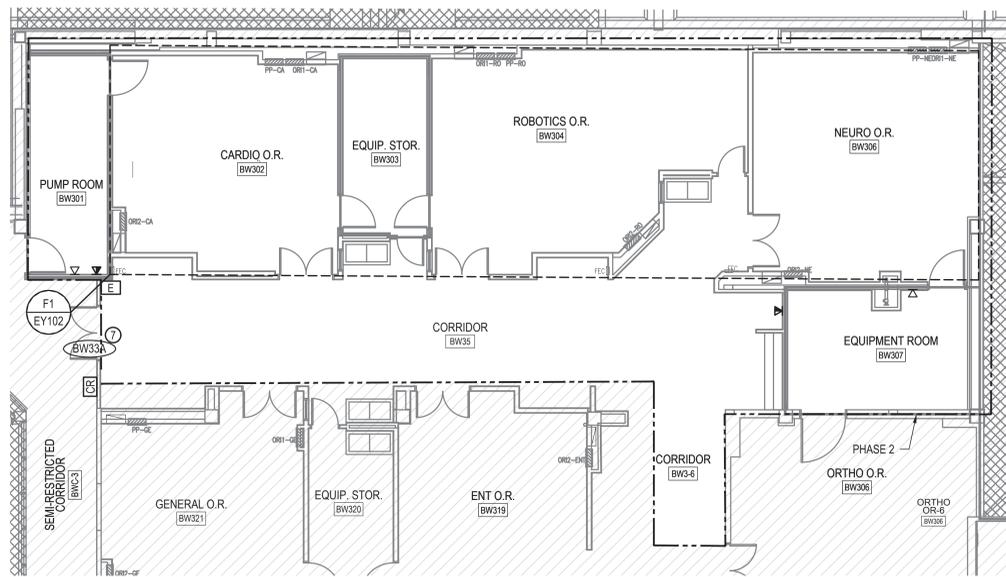
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Phase
BID DOCUMENTS

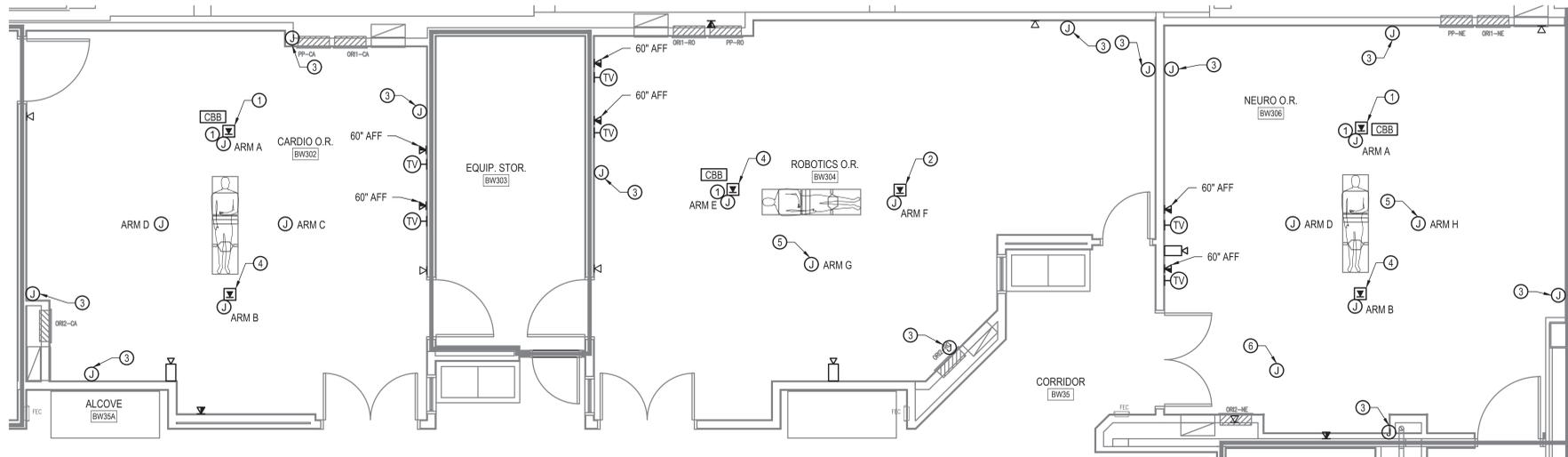
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Project Title VA Memphis Renovate Operating Rooms		Project Number 614-18-115	
Location Memphis, TN		Building Number 01	
Issue Date 01/31/2020	Checked RKR	Drawn BLD	Drawing Number EY101 of

A B C D E F



THIRD FLOOR SPECIAL SYSTEMS PLAN
- PHASE 2
SCALE: 1/8" = 1'-0"



CARDIO, ROBOTICS, & NEURO O.R.
ENLARGED PLAN
SCALE: 1/4" = 1'-0"

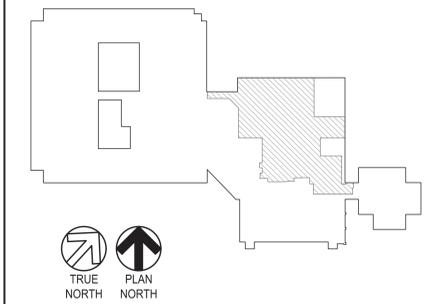
GENERAL NOTES

- SEE E-001 FOR GENERAL NOTES

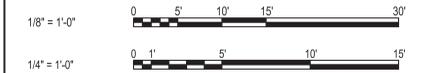
KEY NOTES

- CODE BLUE SYSTEM. REFER TO SHEET EY501 FOR DETAILS.
- PROVIDE 1" CONDUIT WITH (4) CAT 6 CABLES FROM TELECOM ROOM 6A-149 FOR STERIS BOOM. CONTRACTOR TO COORDINATE WITH STERIS FOR ROUTING OF CONNECTIONS.
- PROVIDE FLUSH MOUNTED JUNCTION BOX AT 18" AFF, 1" CONDUIT ROUTED IN WALL AND STUBBED TO ABOVE CEILING WITH BUSHING.
- PROVIDE 1" CONDUIT WITH (3) CAT 6 CABLES FROM TELECOM ROOM 6A-149 FOR STERIS BOOM. CONTRACTOR TO COORDINATE WITH STERIS FOR ROUTING OF CONNECTIONS.
- PROVIDE 1" CONDUIT FROM JUNCTION BOX TO BOOM ARM CAMERA JUNCTION BOX. CONTRACTOR TO COORDINATE WITH STERIS FOR ROUTING OF CONNECTIONS.
- "EYE IN THE SKY" CAMERA DATA JUNCTION BOX. COORDINATE LOCATION WITH OWNER.
- SEE EP102 FOR ADDITIONAL WORK RELATED TO DOOR ACTUATOR AND ACCESS CONTROL.

KEY PLAN



GRAPHIC SCALE



PROJECT: 38000412.TMM.VA.MEMPHIS.RENOVATE.OPERATING ROOMS.EY102.DWG

Revisions:	CONSULTANTS	ARCHITECT/ENGINEER OF RECORD	STAMP	Office of Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
	Date:	CLARKNEXSEN 440 Martin Luther King Jr. Blvd Macon, GA 31201 478.743.8415 Fax: 478.743.8239 www.clarknexsen.com	TOLAND MIZELL MOLNAR 590 MEANS STREET NW STE. 200 ATLANTA, GA 30318	PATRICK J. ROSE REGISTERED ENGINEER NO. 12345 STATE OF TENNESSEE	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	THIRD FLOOR SPECIAL SYSTEMS PLAN - PHASE 2 Approved: Project Director	BID DOCUMENTS	VA Memphis Renovate Operating Rooms 614-18-115
						FULLY SPRINKLERED	Location Memphis, TN	Building Number 01
							Issue Date 01/31/2020	Checked RKR
							Drawn BLD	Drawing Number EY102 of

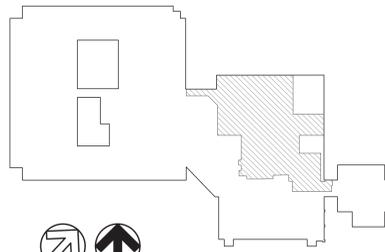
GENERAL NOTES

1. SEE E-001 FOR GENERAL NOTES

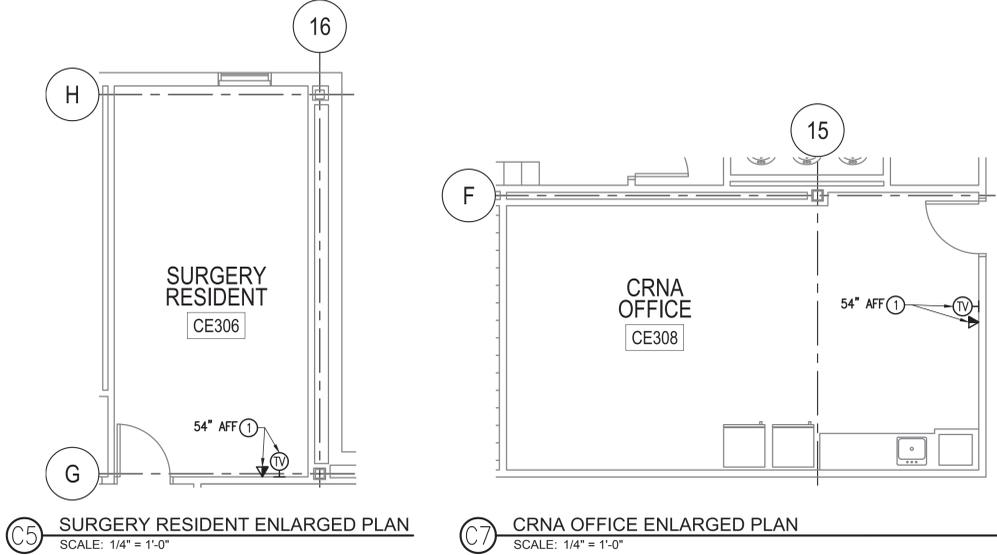
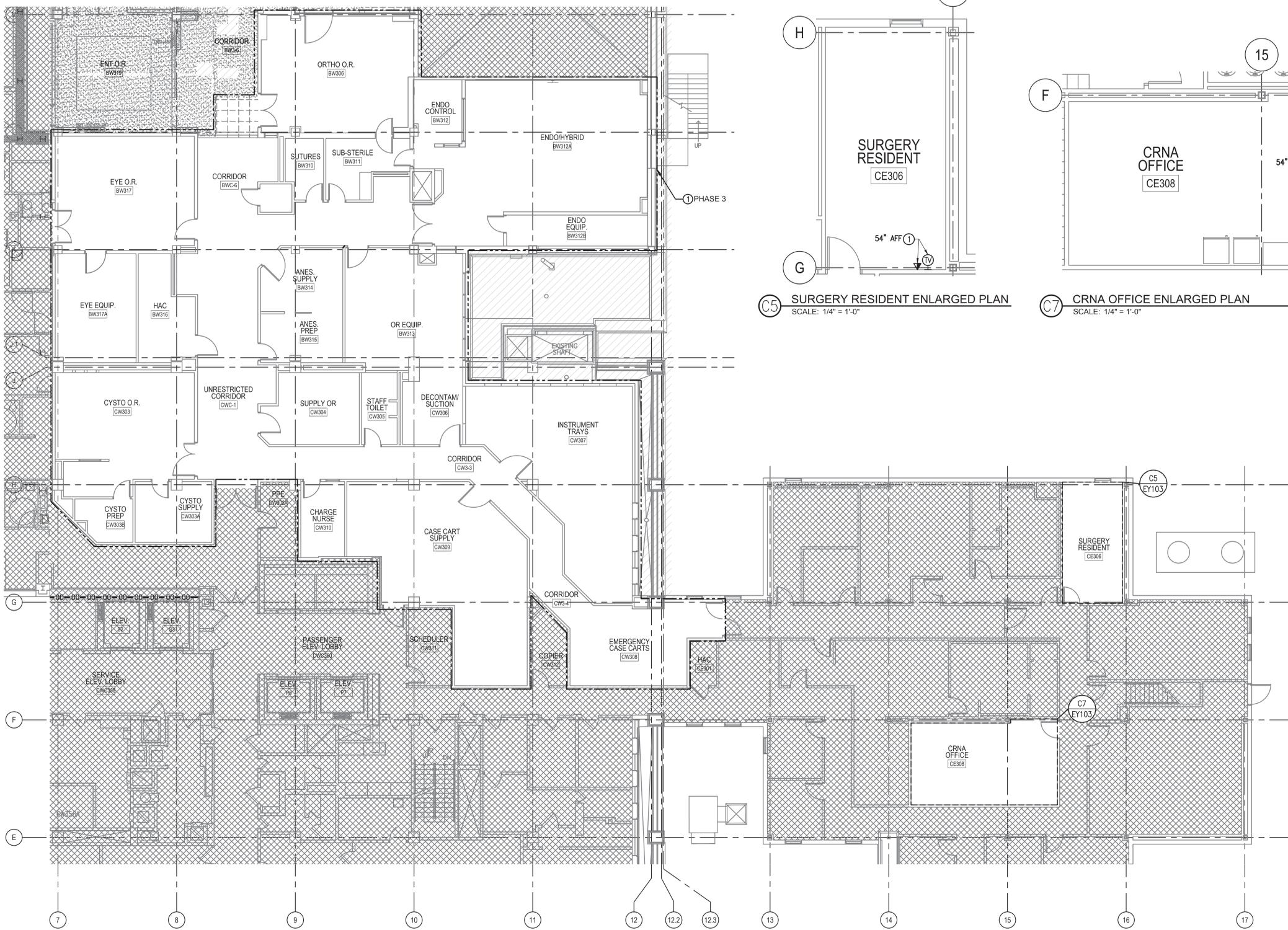
KEY NOTES

1. COORDINATE LOCATION OF DATA/TV OUTLET WITH TV MOUNT.

KEY PLAN



GRAPHIC SCALE



THIRD FLOOR SPECIAL SYSTEMS PLAN

- PHASE 3

SCALE: 1/8" = 1'-0"

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Revisions:	Date:

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478.743.8415 Fax: 478.743.8239
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ARCHITECT/ENGINEER OF RECORD

TOLAND MIZELL MOLNAR

580 MEANS STREET NW
STE. 200
ATLANTA, GA 30318

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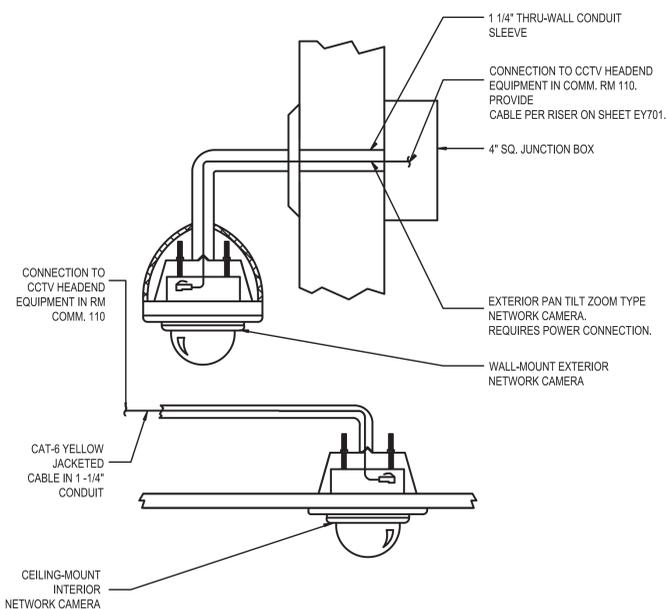
Drawing Title
THIRD FLOOR SPECIAL SYSTEMS PLAN - PHASE 3

Approved: Project Director

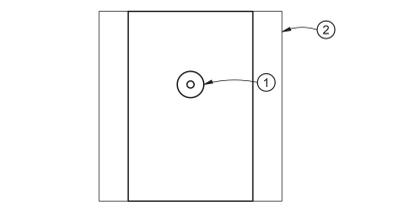
Phase
BID DOCUMENTS

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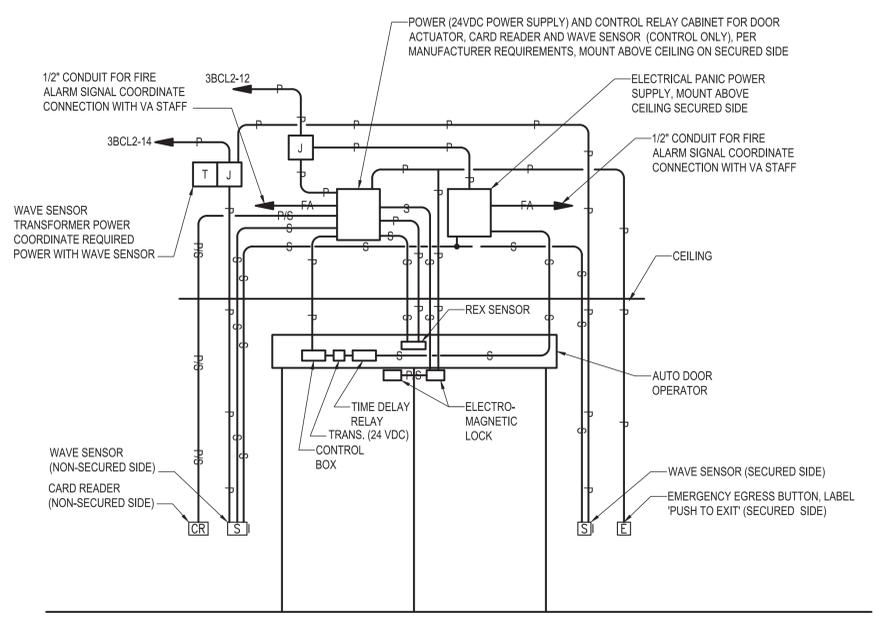
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Location Memphis, TN		Building Number 01	
Issue Date 01/31/2020	Checked RKR	Drawn BLD	Drawing Number EY103 of



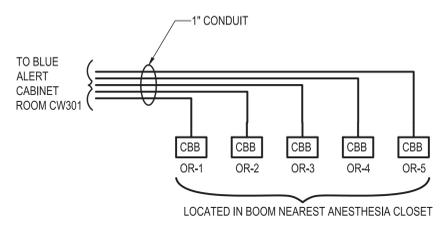
C1 CCTV CAMERA DETAILS
SCALE: NONE



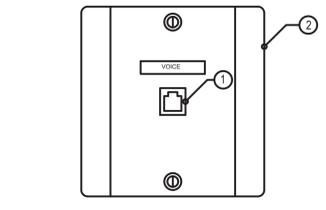
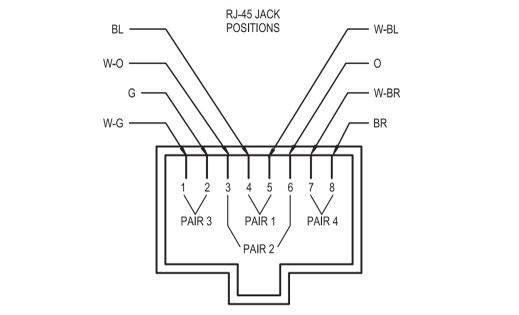
A4 TELECOMMUNICATIONS OUTLET CABLE TV OUTLET
SCALE: NONE
NOTES:
(TYPICAL CABLE TV DETAIL ONLY)
① CABLE TV FEMALE F CONNECTOR.
② 4-11/16\"/>



C6 AUTOMATIC EGRESS DOOR WIRING DIAGRAM.
SCALE: NONE
GENERAL NOTES
1. COORDINATE WIRING WITH MANUFACTURER REQUIREMENTS AND VA STAFF FOR CARD READER ACCESS WIRING.
2. PANIC HARDWARE AND PUSH TO EXIST SHALL DISCONNECT POWER TO ELECTRO-MAGNETIC LOCKS.
3. EGRESS DOOR REQUIREMENT SHALL COMPLY WITH NFPA 101, REFER TO ARCHITECTURE SHEETS AND SPECIFICATIONS.

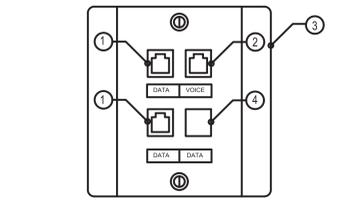


E4 CODE BLUE RISER DIAGRAM
SCALE: NONE



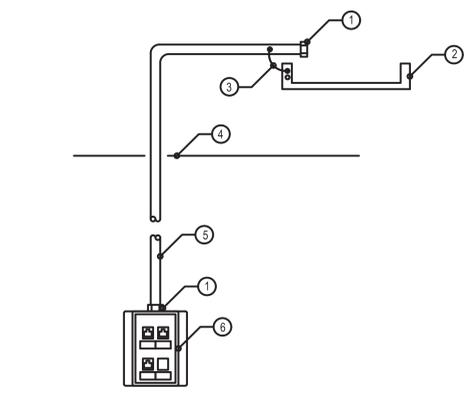
E3 VOICE OUTLET (▽)
SCALE: NONE
A. ALL NEW VOICE AND DATA OUTLETS SHALL BE CAT-6, 8-POSITION RJ-45 NON-KEYED.
B. PROVIDE 1-1/4\"/>

NOTES:
(VOICE OUTLET DETAIL ONLY)
① PROVIDE WHITE RJ-45 CAT-6 DATA JACK. PROVIDE LABEL PER APPLICABLE VA STANDARD(S).
② PROVIDE 4-11/16\"/>



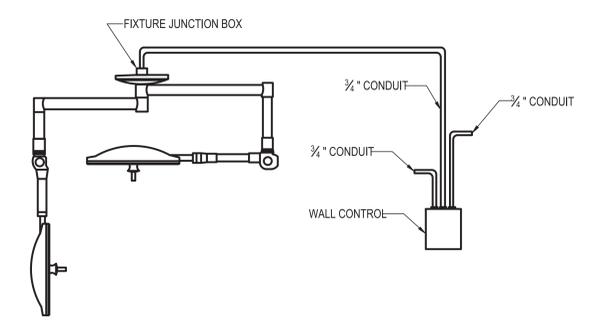
E4 DATA/VOICE OUTLET (▽)
SCALE: NONE
A. NEW DATA OUTLETS SHALL BE COLOR COORDINATED QUAD CONNECTORS WITHIN A QUAD PLEX FLUSH MOUNTED FACEPLATE. EACH CABLE SHALL HAVE A UNIQUE COLOR AS INDICATED IN THIS DETAIL.
B. PROVIDE 1-1/4\"/>

NOTES:
(DATA/VOICE OUTLET DETAIL ONLY)
① PROVIDE BLUE RJ-45 CAT-6 DATA JACK. PROVIDE LABEL.
② PROVIDE WHITE RJ-45 CAT-6 DATA JACK. PROVIDE LABEL.
③ PROVIDE 4-11/16\"/>

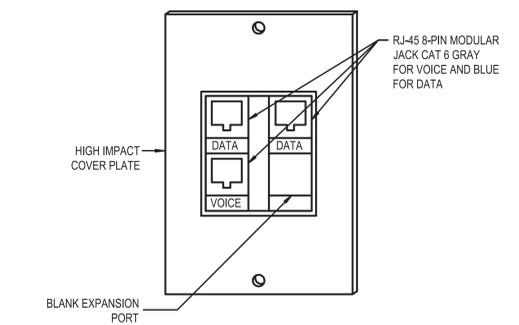


E6 DATA/VOICE OUTLET AND RACEWAY RECEPTACLE WIRING DETAIL (▽)
SCALE: NONE
A. PROVIDE ONE CAT-6 CABLE DROP PER OUTLET JACK. REFER TO VOICE OUTLET AND DATA/VOICE OUTLET FOR EXACT NUMBER OF JACKS PER OUTLET.
B. PROVIDE 1-1/4\"/>

NOTES:
(RACEWAY RECEPTACLE WIRING DETAIL ONLY)
① CONDUIT BUSHING (TYPICAL).
② CORRIDOR CABLE TRAY.
③ TYPICAL BOND #6 TO CONDUIT AND CABLE TRAY. SEE DETAIL B1 ON THIS SHEET.
④ ACCESSIBLE CEILING REFERENCE.
⑤ PROVIDE 1-1/4\"/>



E7 SURGICAL SERVICE COLUMN LIGHTING DETAIL
SCALE: NONE



F1 DATA/VOICE OUTLET FACEPLATE DETAIL (▽)
SCALE: NONE

PROJECT: 380000422.TMM.VA.MEMPHIS.RENOVATE.ORSISHEETS/EY501.DWG

Revisions:	Date:

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478.743.8415 Fax: 478.743.8239
www.clarknexsen.com

ARCHITECT/ENGINEER OF RECORD

TOLAND MIZELL MOLNAR

590 MEANS STREET NW
STE. 200
ATLANTA, GA 30318

STAMP

PATRICK J. ROSE
REGISTERED PROFESSIONAL ENGINEER
NO. 12547
STATE OF TENNESSEE

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
DETAILS - SPECIAL SYSTEMS

Approved: Project Director

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
VA Memphis Renovate Operating Rooms

Location
Memphis, TN

Issue Date
01/31/2020

Checked
RKR

Drawn
BLD

Project Number
614-18-115

Building Number
01

Drawing Number
EY501 of

GENERAL NOTES

- A. FIRE ALARM NOTE:**
- CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL FIRE ALARM SYSTEM. EXISTING FIRE ALARM SYSTEM IS A NOTIFIER AM3030. CONTRACTOR SHALL PROVIDE BOXES AND CONDUIT PAINTED RED FROM DEVICE TO DEVICE AS SHOWN ON CONTRACTOR SHOP DRAWINGS. NEW FIRE ALARM DEVICES SHALL BE COMPATIBLE WITH THE EXISTING NOTIFIER FIRE ALARM SYSTEM.
 - NOTIFY AUTHORITY HAVING JURISDICTION PRIOR TO ALTERATIONS OF EXISTING EQUIPMENT OR WIRING.
 - REVISE ORIGINAL RECORD OF COMPLETION TO SHOW ALL CHANGES FROM THE ORIGINAL INFORMATION. INCLUDE REVISION DATE ON REVISED FORM. SUBMIT COPIES OF REVISED FORM TO AUTHORITY HAVING JURISDICTION, OWNER, AND ENGINEER FOR REVIEW AND APPROVAL.
 - THE FOLLOWING SHALL BE PERFORMED AFTER REPROGRAMMING OF FACP:
 - ALL FUNCTIONS KNOWN TO BE AFFECTED BY SYSTEM CHANGES SHALL BE 100% TESTED AND CORRECT SYSTEM OPERATION VERIFIED.
 - TEN PERCENT (10%) OF INITIATING DEVICES THAT ARE NOT AFFECTED BY SYSTEM CHANGES (UP TO A MAXIMUM OF 50 DEVICES) SHALL ALSO BE TESTED AND CORRECT SYSTEM OPERATION VERIFIED.
 - PROVIDE BATTERY CALCULATIONS AND BATTERY SIZE THAT WILL ACCOMMODATE NEW CHANGES.
 - EXISTING FIRE ALARM SYSTEM MAINTAINED BY JOHNSON CONTROLS FIRE PROTECTION. THE CONTACT PERSON IS STEVEN COOPER (STEVEN.P.COOPER@JCI.COM).
- B. NEW FIRE ALARM DEVICES SHOWN SHALL HAVE THE SAME RESPONSE AS SIMILAR DEVICES IN THIS BUILDING.**
- C. THE EXISTING SYSTEM SHALL BE TESTED PRIOR TO ANY DEMOLITION WORK IS PERFORMED TO VERIFY THAT CURRENT SYSTEM IS FULLY FUNCTIONAL.**

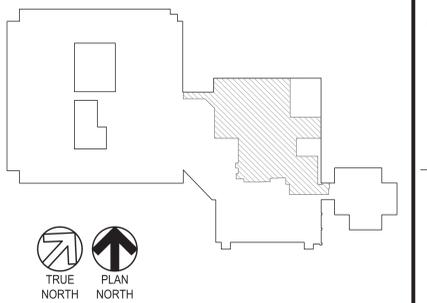
KEY NOTES

- EXISTING FIRE ALARM PANEL IN ROOM CE113A ON THE FIRST FLOOR APPROXIMATELY 500 FEET FROM FARTHEST DEVICES ON THIS DRAWING. COORDINATE WITH FIRE ALARM SHOP REPRESENTATIVE ON SITE FOR BEST ROUTING PATH FROM THIS FLOOR TO FIRST FLOOR PRIOR TO CONSTRUCTION.
- ESTIMATED LOCATION OF WHERE TO ROUTE FIRE ALARM CABLE TO FIRST FLOOR.
- RECONNECT TO EXISTING NOTIFICATION DEVICE. REPROGRAM CONTROL PANEL AS NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM.

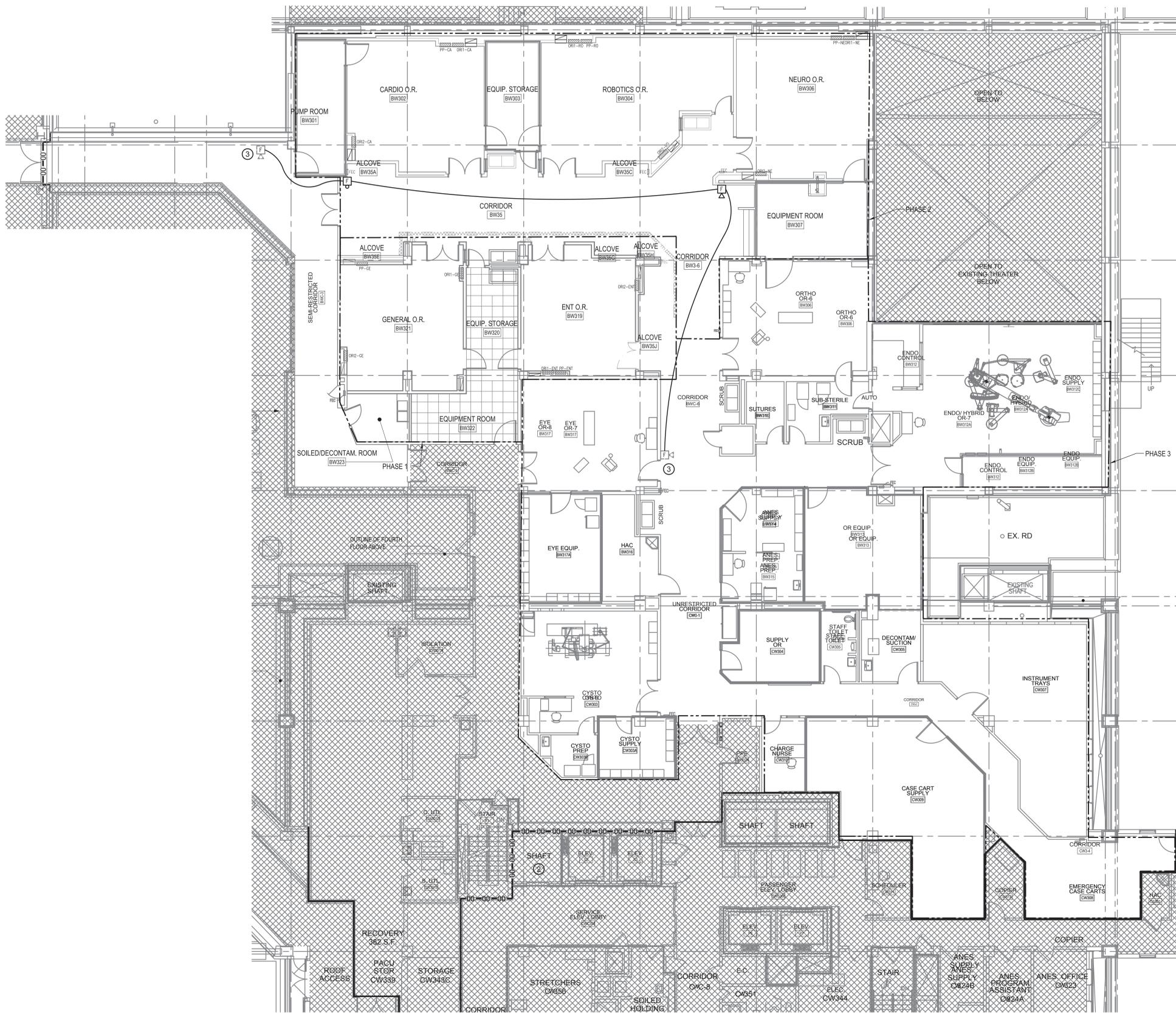
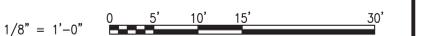
FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
PROVIDE	FIRE ALARM DEVICES
	FIRE ALARM WALL MOUNTED SPEAKER/STROBE APPLIANCE
	FIRE ALARM WALL MOUNTED STROBE APPLIANCE

KEY PLAN



GRAPHIC SCALE



1 THIRD FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"

Revisions:	Date:

CONSULTANTS

CLARKNEXSEN

440 Martin Luther King Jr. Blvd
Macon, GA 31201
478.743.8415 Fax: 478.743.8239
www.clarknexsen.com

ARCHITECT/ENGINEER OF RECORD

TOLAND MIZELL MOLNAR

580 MEANS STREET NW
STE. 200
ATLANTA, GA 30318

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
THIRD FLOOR PLAN - FIRE ALARM

Approved: Project Director

Phase
BID DOCUMENTS

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