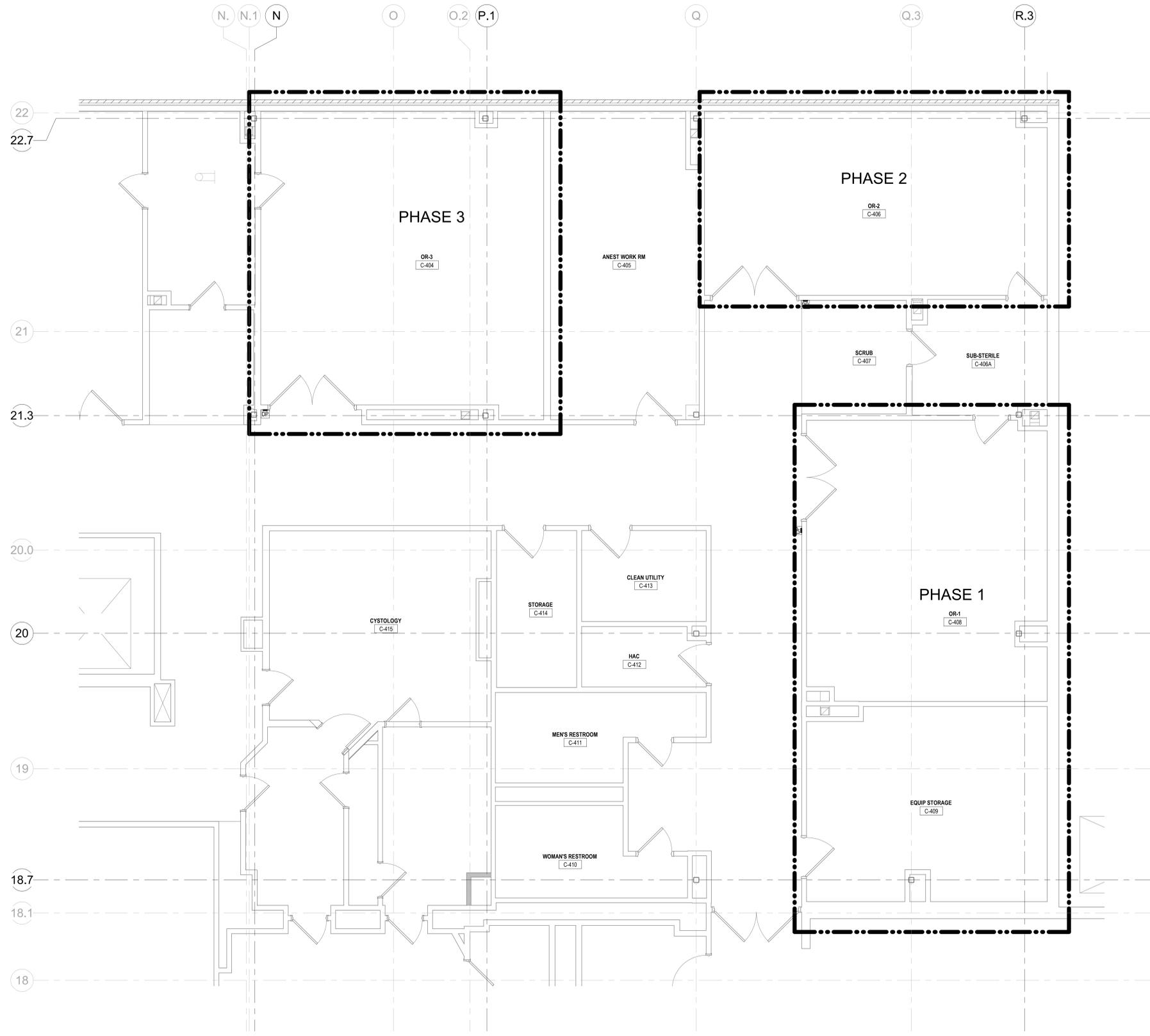


A
B
C
D
E
F
T
 11/14/2022 4:49:53 PM
 11/14/2022 4:49:53 PM
 11/14/2022 4:49:53 PM

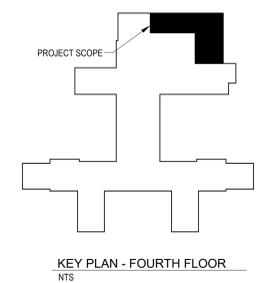


PARTIAL FOURTH FLOOR PLAN - PHASING PLAN
1/4" = 1'-0"

GENERAL PHASING AND HOURS OF WORK NOTES

- THESE PHASING PLANS/ORDERS ARE MERELY A RECOMMENDATION AND ARE CONCEPTUAL IN NATURE. THIS DOES NOT RELIEVE THE CONTRACTOR OF PREPARING SITE SPECIFIC PHASING ORDER/PLANS FOR IMPLEMENTATION OF THE FULL SCOPE OF WORK DEFINED BY THE CONTRACT DOCUMENTS. (REFER TO SPECIFICATION SECTION 01 00 00, GENERAL REQUIREMENTS FOR CONTRACTOR PHASING RESPONSIBILITY.) CONTRACTOR WILL SEND PHASING ORDER/PLANS TO C.O.R. FOR APPROVAL. CONTRACTOR MUST LEAVE TWO OF THE THREE OPERATING ROOMS OPERABLE AND FUNCTIONING WHILE THE THIRD OPERATING ROOM IS UNDER CONSTRUCTION DURING THE OVERALL PROJECT'S SCHEDULE.
- A. CONTRACTOR SHALL TAKE ALL STEP NECESSARY TO PREVENT THE INTERRUPTION OF THE ROBLEY REX VA MEDICAL CENTER'S PROVISION OF CARE TO PATIENTS.
 - B. REFER TO THE FOLLOWING SPECIFICATIONS FOR REQUIREMENTS RELATED TO PHASING:
 - 1. SECTION 01 00 00 GENERAL REQUIREMENTS - PARAGRAPH 1.6 OPERATIONS AND STORAGE AREAS, ITEM 'G', PHASING.
 - 2. SECTION 01 35 26 SAFETY REQUIREMENTS - PARAGRAPH 1.12, INFECTION CONTROL.
 - C. CONTRACT WORK WITHIN SURGERY DEPARTMENT COMMON FACILITY CORRIDORS MAY ONLY BE PERFORMED OUTSIDE OF NORMAL VAMC BUSINESS HOURS (6:30 A.M. TO 4:30 P.M. MONDAY THROUGH FRIDAY).
 - 1. IF SURGICAL DEPARTMENT PROCEDURES EXTEND BEYOND 4:30 P.M., THEN CONTRACTORS WORK PERIOD (WITHIN SURGERY DEPARTMENT) CAN NOT BEGIN UNTIL THE DEPARTMENT PROCEDURES HAVE BEEN COMPLETED AND STAFF HAVE CLEANED THE O.R.'S.
 - 2. WEEKENDS AND HOLIDAYS MAY BE AVAILABLE FOR CONTRACT WORK IF PERMITTED BY AND COORDINATED WITH THE VAMC CONTRACTING OFFICER REPRESENTATIVE (COR).
 - D. ISOLATE EACH PHASE AS SHOWN WITH DUST PARTITIONS AND THE PROVISIONS OF NEGATIVE AIR PRESSURIZATION. FOLLOW INFECTION CONTROL PROVISIONS PER INFECTION AND DUST CONTROL PLANS, NOTES, PERMITS, AND REFERENCED SPECIFICATION.
 - E. CONTRACTOR SHALL ASSUME THE CONTINUED VAMC OCCUPANCY - DURING NORMAL WORK HOURS - OF AREAS ON THE 1ST FLOOR ADJACENT TO THE ISOLATED PHASES SHOWN.
 - F. CONTRACTOR SHALL FULLY COMPLETE THE WORK INDICATED AND REFERENCED FOR EACH PHASE OF CONSTRUCTION SHOWN.
 - G. CONTRACTOR SHALL COORDINATE MECHANICAL, ELECTRICAL, AND PLUMBING (MEP) WORK INDICATED TO PROVIDE THE FULL COMPLETE INFRASTRUCTURE IMPROVEMENTS, ASSEMBLES, SYSTEMS AND FINISHES REQUIRED OR REFERENCED TO PERMIT FULL AND LEGAL OCCUPANCY OF EACH COMPLETED PHASE OF WORK.
 - H. CONTRACTOR SHALL PROVIDE FOR THE INCREMENTAL OCCUPANCY OF EACH COMPLETED PHASE WITHIN THE SURGERY DEPARTMENT BY VAMC STAFF PRIOR TO BEGINNING ON-SITE WORK - ON THE NEXT CONSECUTIVE PHASE.
 - 1. SCHEDULE PUNCH LIST AND PERFORM CLOSEOUT REQUIREMENTS AT COMPLETION OF EACH PHASE SHOWN WITHIN THE SURGERY DEPARTMENT.
 - 2. ONCE A PHASE OF WORK WITHIN SURGERY DEPARTMENT HAS BEEN COMPLETED AND IS OCCUPIED BY VAMC, THE NEXT PHASE OF WORK MAY BEGIN.
 - I. CERTAIN INFRASTRUCTURE IMPROVEMENTS OCCUR OUTSIDE OF THE SURGERY DEPARTMENT. THIS WORK MAY OCCUR DURING NORMAL VAMC WORK HOURS IF THE FOLLOWING CONDITIONS ARE MET:
 - 1. WORK DOES NOT OCCUR WITHIN THE SURGERY DEPARTMENT
 - 2. WORK DOES NOT OCCUR IN CORRIDORS USED BY PATIENTS OR VISITORS.
 - 3. WORK DOES NOT INTERFERE WITH NORMAL VAMC OPERATIONS.
 - 4. WORK IS COORDINATED WITH THE PROJECT COR.
 - J. CONTRACTOR IS RESPONSIBLE FOR THE TIMELY COMPLETION OF EACH PHASE OF CONSTRUCTION IN A COMPLETE AND PROFESSIONAL MANNER.
 - K. REFER TO ALL CONSTRUCTION DOCUMENTS DEFINING WORK REQUIRED TO OCCUR WITHIN PHASED AREAS SHOWN AND NECESSARY FOR ITS SUCCESSFUL OCCUPANCY.
 - L. BASE BID TO INCLUDE ALL WORK SHOWN BY CONSTRUCTION DOCUMENTS.

----- DASHED LINE INDICATES AREAS OF WORK



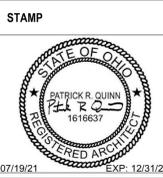
BID DOCUMENTS		11/15/2022
No.	Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE Engineering & Architecture

www.ffeinc.us | 519.522.0956



ROBLEY REX VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title
FOURTH FLOOR PHASING PLAN

Approved: Owner

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS

Location
LOUISVILLE, KENTUCKY

Issue Date
11/15/2022

Checked
PH

Drawn
JFJV

Project Number
603-22-101

Building Number
1

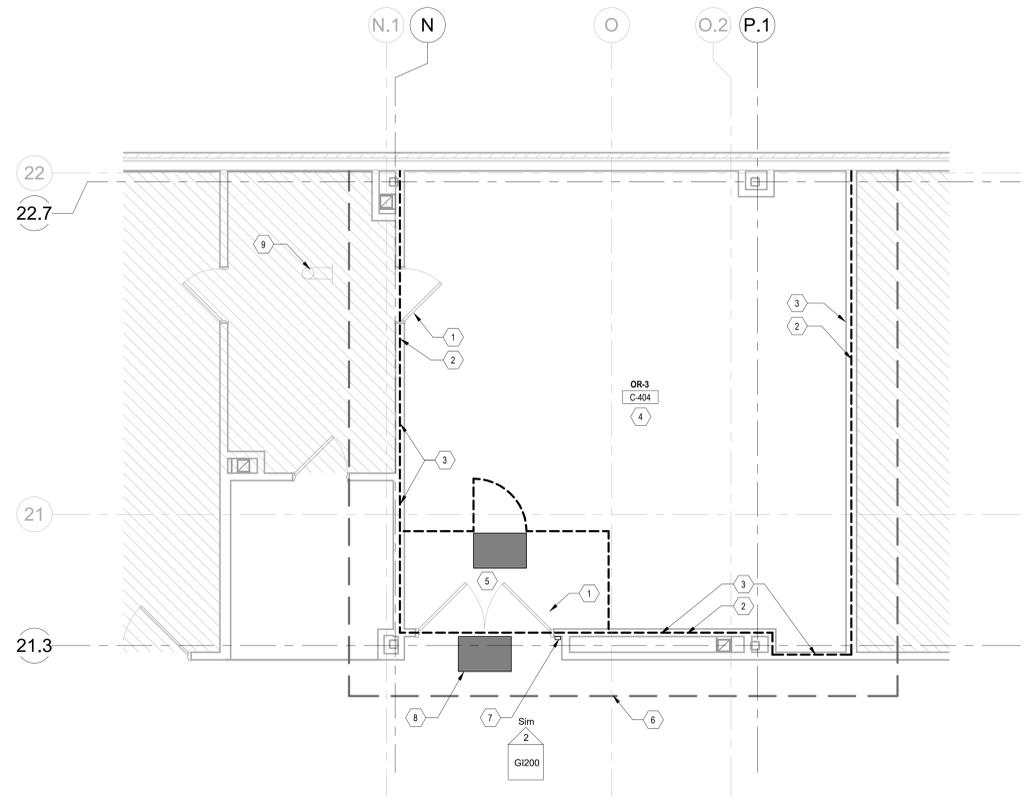
Drawing Number
G1100

GENERAL INFECTION AND DUST CONTROL NOTES

- DUE TO THE LOCATION OF RENOVATION WORK INDICATED (VAMC SURGERY DEPARTMENT) CONSTRUCTION IS WITHIN THE HIGHEST INFECTION RISK CATEGORY. THE INFECTION AND DUST CONTROL PLANS SHALL BE DISTRIBUTED AND APPLIED BY ALL CONTRACTORS PERFORMING WORK ON THIS PROJECT.
- A. REFER TO PHASING PLANS AND SPECIFICATION SECTION 01 35 26, SAFETY REQUIREMENTS FOR ADDITIONAL INFECTION CONTROL INFORMATION.
 - B. COORDINATE ALL WORK ASSOCIATED WITH PROJECT FOLLOWING THE SITE-SPECIFIC INFECTION CONTROL RISK ASSESSMENT PUBLISHED BY THE ROBLEY REX VAMC.
 - C. AREAS ADJACENT TO IMMEDIATE (PHASED) WORK AREAS WILL BE FULLY OCCUPIED AND FUNCTIONING NORMALLY THROUGHOUT THE CONSTRUCTION PERIOD.
 - D. THERE WILL BE ZERO TOLERANCE FOR ANY DUST MIGRATION OUTSIDE OF THE IMMEDIATE WORK SITE AREAS IDENTIFIED BY PHASING PLANS.
 - E. ALL WORK OCCURRING WITHIN THE SURGERY DEPARTMENT MUST BE PERFORMED OUTSIDE OF NORMAL VAMC WORKING HOURS.
 - F. CONTRACTOR SHALL PROVIDE FOR PROFESSIONAL TERMINAL CLEANING OF PHASED WORK AREAS PRIOR TO TURNING OVER TO THE VAMC FOR OCCUPANCY.
 - G. EXTERIOR DEMOLITION ACTIVITIES (INCLUDES CUTTING AND PATCHING):
 - 1. EVALUATE EXISTING SITE CONDITIONS TO DETERMINE THE PRESENCE OF ANY OUTSIDE AIR INTAKES WITHIN 20' OF THE PROPOSED EXTERIOR WORK.
 - 2. IF PRESENT - DETERMINE IF THE IMPACTED EXTERIOR AREAS OF THE FACILITY CAN OPERATE TEMPORARILY ON RECIRCULATED AIR VS. OUTSIDE AIR.
 - a. IF FEASIBLE - SEAL OFF AIR INTAKES WITHIN 20' OF DUST GENERATING WORK.
 - b. IF NOT FEASIBLE - ROUTINELY CHECK THE LOW-EFFICIENCY FILTER BANKS LOCATED IN LINE WITH ADJACENT AIR INTAKE(S) AND REPLACE AS NEEDED TO REDUCE PARTICULATE BUILDUP.
 - 3. SEAL WINDOWS AND REDUCE OTHER SOURCES OF OUTSIDE AIR INTRUSION (OPEN DOORS IN STAIRWELLS AND CORRIDORS) THAT MAY BE IMPACTED BY CONSTRUCTION. PAY SPECIAL ATTENTION TO PROTECTIVE ENVIRONMENT (PE) AREAS.
 - H. INTERIOR DEMOLITION AND CONSTRUCTION ACTIVITIES (DUST AND DEBRIS CONTROL):
 - 1. BARRIER SYSTEMS: PHASED AREAS OF WORK SHALL BE ISOLATED FROM ADJACENT AREAS WITH 1-HR. RATED DUST PARTITIONS.
 - 2. DUST PARTITIONS TO BE METAL FRAMED WITH GYPSUM WALL BOARD ON EACH SIDE. PARTITION TO BE CONSTRUCTED EQUAL TO UL DESIGN U465.
 - IN LIEU OF SITE BUILT DUST PARTITIONS, CONTRACTOR MAY UTILIZE PRE-ENGINEERED MODULAR, TEMPORARY CONSTRUCTION PARTITIONS LIKE THOSE MANUFACTURED BY EDGE GUARD PRODUCTS, 216 N. PLATT ST., BEMENT, IL 61813, TELE 217-562-5416, WEBSITE: WWW.EDGE-GUARD.COM OR APPROVED EQUAL.
 - 3. DUST PARTITIONS SHALL BE INSTALLED WITH A TIGHT SEAL AT FLOOR AND CEILING OR STRUCTURE ABOVE CEILING WHERE OPERATING ROOM DEMISING ONLY IN AREA WHERE TOP WALL PLATE MEETS EXISTING STEEL. PATCH ANY FIREPROOFING DISTURBED BY CONSTRUCTION ACTIVITIES WITH NEW FIRE PROOFING MATCHING EXISTING SYSTEM.
 - WHERE O.R. DEMISING WALL EXTENSIONS IMPACT EXISTING FIRE PROOFED STEEL STRUCTURE - CONTRACTOR SHALL CAREFULLY REMOVE THE FIREPROOFING ONLY IN AREA WHERE TOP WALL PLATE MEETS EXISTING STEEL. PATCH ANY FIREPROOFING DISTURBED BY CONSTRUCTION ACTIVITIES WITH NEW FIRE PROOFING MATCHING EXISTING SYSTEM.
 - AN INTERIM PLASTIC DUST BARRIER (MINIMUM 6-MIL THICKNESS) SHALL BE INSTALLED TO PROTECT ADJACENT AREAS WHILE THE IMPERVIOUS 1-HR. RATED DUST PARTITION IS BEING CONSTRUCTED.
 - 4. ANY DUST GENERATED FROM DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE IMMEDIATELY CLEANED IF TRACKED OR FOUND OUTSIDE OF THE CONSTRUCTION PHASE PERIMETER.
 - 5. CONTRACTOR PERSONNEL SHALL MONITOR DUST PARTITION CONDITION AND PERFORM MAINTENANCE - DURING PHASED DEMOLITION AND CONSTRUCTION ACTIVITIES.
 - 6. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, DUST PARTITIONS SHALL BE CAREFULLY REMOVED TO MINIMIZE THE SPREAD OF DUST.
 - CONTRACTOR SHALL INSTALL INTERIM PLASTIC DUST BARRIERS (MINIMUM 6-MIL THICKNESS) PRIOR TO THE REMOVAL OF DUST PARTITIONS.
 - 7. CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY PARTITION LAYOUT. LAYOUT SHALL NOT INTERFERE WITH HOSPITAL OPERATION.
 - I. TRAFFIC CONTROL:
 - 1. PHASED SITE ACCESS SHALL HAVE DEFINED ENTRY AND EXIT PROCEDURES. EGRESS PATHS AND BE FREE OF DEBRIS, TOOLS, EQUIPMENT OR CONTAINERS.
 - 2. DESIGNATED ELEVATORS SHALL ONLY BE USED DURING SCHEDULED TIME PERIODS AND ONLY AUTHORIZED PERSONNEL SHALL BE ALLOWED TO ENTER THE CONSTRUCTION ZONE. COORDINATE ELEVATOR ACCESS WITH THE VAMC THROUGH THE COR.
 - 3. INSTALL SIGNS TO DIRECT PEDESTRIAN TRAFFIC AWAY FROM THE CONSTRUCTION AREAS.
 - J. DEMOLITION DEBRIS:
 - 1. ALL DEBRIS GENERATED BY PROJECT SHALL BE REMOVED IN CARTS WITH TIGHTLY FITTING COVERS, USING DESIGNATED TRAFFIC ROUTES. EFFORTS SHALL BE MADE TO MINIMIZE THE USE OF ELEVATORS SHARED BY PATIENTS OR STAFF. PERFORM TRANSPORT OF DEBRIS AT TIMES DIRECTED BY THE VAMC THROUGH THE COR. IF EXTERIOR TRASH CHUTES ARE USED TO DIRECT DEBRIS OUTSIDE, HIGH EFFICIENCY PARTICULATE AIR (HEPA) FILTERED NEGATIVE AIR MACHINES SHALL BE USED AND THE CHUTE OPENING SEALED WHEN NOT IN USE. USED FILTERS SHALL BE BAGGED AND SEALED BEFORE TRANSPORTING OUT OF THE CONSTRUCTION AREA. THE CONTRACTOR SHALL NOT HAUL DEBRIS THROUGH PATIENT-CARE AREAS WITHOUT PRIOR APPROVAL OF THE VAMC.
 - K. VENTILATION AND ENVIRONMENTAL CONTROLS:
 - 1. AIR SYSTEM FLOW: DETERMINE IF CONSTRUCTION AREA USES FRESH/OUTSIDE OR RECIRCULATED AIR. ADD FILTERS AND/OR COVER RETURN GRILLS WITH FILTER MATERIAL OR PLASTIC. AIR MUST (ONLY) FLOW IN THE DIRECTION OF CLEAN AREAS TO DIRTY AREAS.
 - 2. NEGATIVE AIR PRESSURE: AIR WITHIN THE CONSTRUCTION AREAS (PHASES) MUST BE MAINTAINED AT NEGATIVE PRESSURE WITH RESPECT TO SURROUNDING AREAS IN ACCORDANCE WITH ASHRAE STANDARD 170. NO DISRUPTION OF AIR SYSTEMS OF ADJACENT AREAS IS ALLOWED DURING VAMC OCCUPANCY OF ADJACENT AREAS. THE NEGATIVE AIR PRESSURE SYSTEM WITHIN THE ENCLOSED PHASES WILL EXHAUST DIRECTLY OUTSIDE THROUGH EXISTING ROOF PENETRATION. ROOF-TOP EXHAUST FAN TO BE INSTALLED AT EXISTING ROOF PENETRATION TO ENSURE CONSTANT NEGATIVE PRESSURE EXIST.
 - DUST PARTITIONS SHALL BE OUTFITTED WITH CONTINUOUS AIR PRESSURE MONITORING DEVICES WITH 24/7 READ OUT AND LOGGING. BASIS OF DESIGN FOR AIR PRESSURE MONITORING DEVICE IS PHENIX CONTROLS APM II, OR EQUAL.
 - L. WORKSITE CLOTHING AND CLEANING:
 - 1. CONTRACTOR PERSONNEL CLOTHING SHALL BE FREE OF LOOSE SOIL AND DEBRIS BEFORE ENTERING OR LEAVING THE CONSTRUCTION AREA. IF PROTECTIVE APPAREL IS NOT WORN (E.G. COVERALLS, FOOTWEAR, AND HEADGEAR) A HEPA-FILTERED VACUUM SHALL BE USED TO REMOVE DUST FROM CLOTHING BEFORE LEAVING THE PHASED CONSTRUCTION AREA. IF PROTECTIVE APPAREL IS UTILIZED, THE CONTRACTOR SHALL CONSTRUCT A SPACE AS AN ANTEROOM FOR CHANGING CLOTHING AND STORING EQUIPMENT.
 - 2. ALL EQUIPMENT, TOOLS, CARS, MATERIALS, ETC. TRANSPORTED THROUGH NORMALLY OCCUPIED AREAS SHALL BE MADE FREE FROM DUST AND MOISTURE BY VACUUMING AND WET MOPPING BEFORE THEIR REMOVAL FROM THE CONSTRUCTION ZONE OR WORK AREA.
 - 3. THE CONSTRUCTION ZONE MUST BE MAINTAINED IN A CLEAN MANNER BY CONTRACTORS. SWEEP OR HEPA-VACUUM CONSTRUCTION AREA DAILY - OR MORE FREQUENTLY AS NEEDED TO MINIMIZE DUST. ADJACENT AREAS IMPACTED BY CONSTRUCTION SHOULD BE DAMP MOPPED DAILY OR MORE FREQUENTLY AS NEEDED. WALKOFF MATS WITH TACKY OR ADHESIVE SURFACES SHOULD BE UTILIZED TO MINIMIZE TRACKING OF DIRT AND DUST FROM CONSTRUCTION AREAS.

INFECTION AND DUST CONTROL PLAN LEGEND

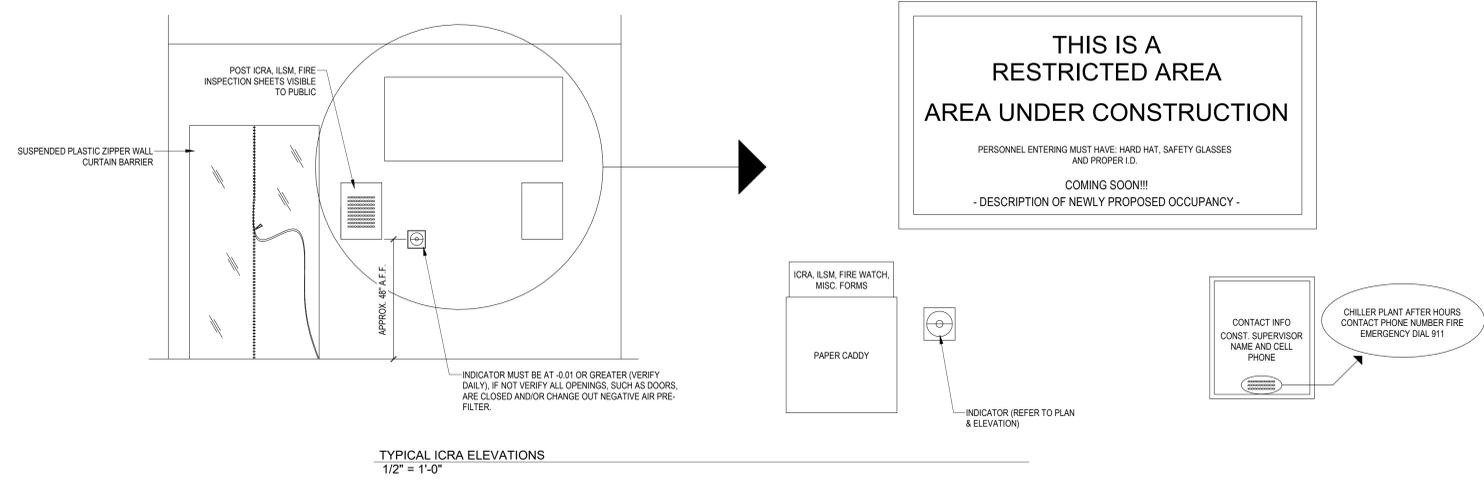
- DUST MAT (2'-0" X 3'-0")
- AREA NOT IN CONTRACT
- AREA IN DIFFERENT PHASE
- PROVIDE TEMPORARY INFECTION CONTROL / DUST CONTROL BARRIERS AT THIS LOCATION. REMOVE AFTER CONSTRUCTION IS COMPLETED PER PHASE INDICATED.
- TEMPORARY PLASTIC SHEETING PER ICRA REQUIREMENTS.



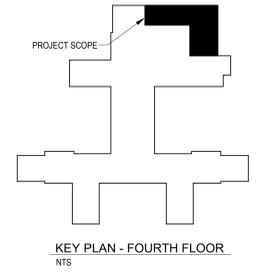
FOURTH FLOOR ICRA PLAN - OR 3
1/4" = 1'-0"

DRAWING NOTES:

1. SEAL DOORS IN CLOSED POSITIONS DURING WORK ACTIVITIES.
2. CONTRACTOR TO VERIFY O.R. DEMISING WALL EXTENDS ABOVE CEILING TO STRUCTURE ABOVE WITH METAL FRAMING AND GYPSUM BOARD. SEAL AS REQUIRED TO PREVENT AIR INFILTRATION. (TYPICAL AT EACH O.R.)
3. EXTEND WALL TO STRUCTURE AS NECESSARY TO MEET INFECTION AND DUST CONTROL REQUIREMENTS AS DEFINES IN THE GENERAL ICRA NOTES.
4. EXTEND FLEXIBLE DUCT TO ROOF-MOUNTED EXHAUST FAN AT TEMPORARY EXHAUST LOCATION. VERIFY SEALANT AT DUCT PENETRATION THROUGH ROOF CONSTRUCTION MEETS ICRA REQUIREMENTS.
5. PROVIDE TEMPORARY ICRA RATED VESTIBULE AS NECESSARY TO MAINTAIN NEGATIVE PRESSURE IN SCOPE OF WORK.
6. PROVIDE TEMPORARY PLASTIC SHEETING AS NECESSARY FOR ICRA BARRIER INSTALLATION.
7. AIR PRESSURE MONITOR LOCATION. NEGATIVE AIR PRESSURE REQUIRED DURING ALL INTERIOR CONSTRUCTION ACTIVITIES. REFER TO ELEVATION ON G1200 FOR REQUIREMENTS.
8. DUST MAT LOCATED HERE ONLY DURING CONSTRUCTION ACTIVITIES. MOVE TO INSIDE VESTIBULE DAILY AT END OF CONSTRUCTION ACTIVITIES.
9. TEMPORARY EXHAUST LOCATION FOR ICRA NEGATIVE AIRFLOW REQUIREMENTS ALL PHASES.

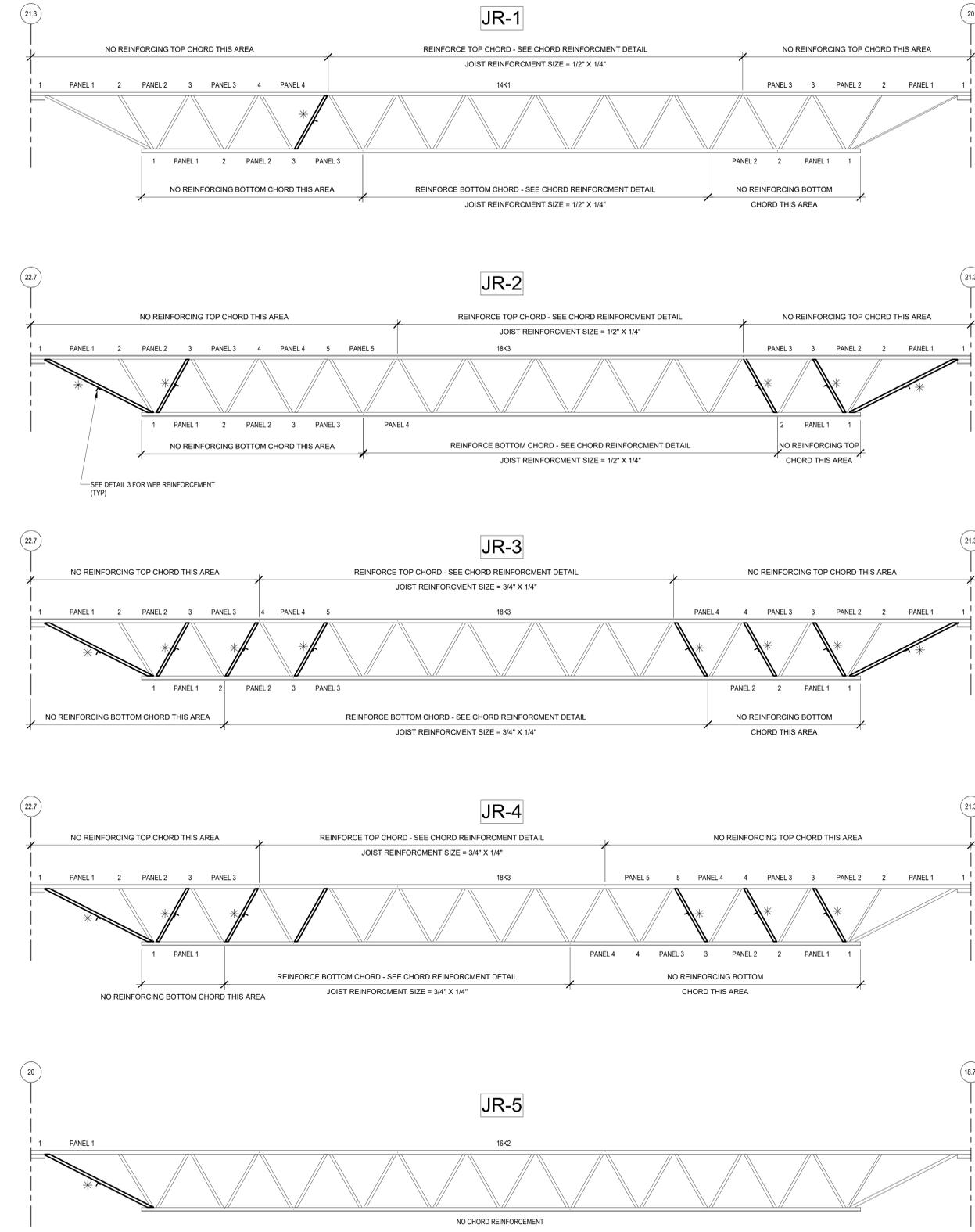
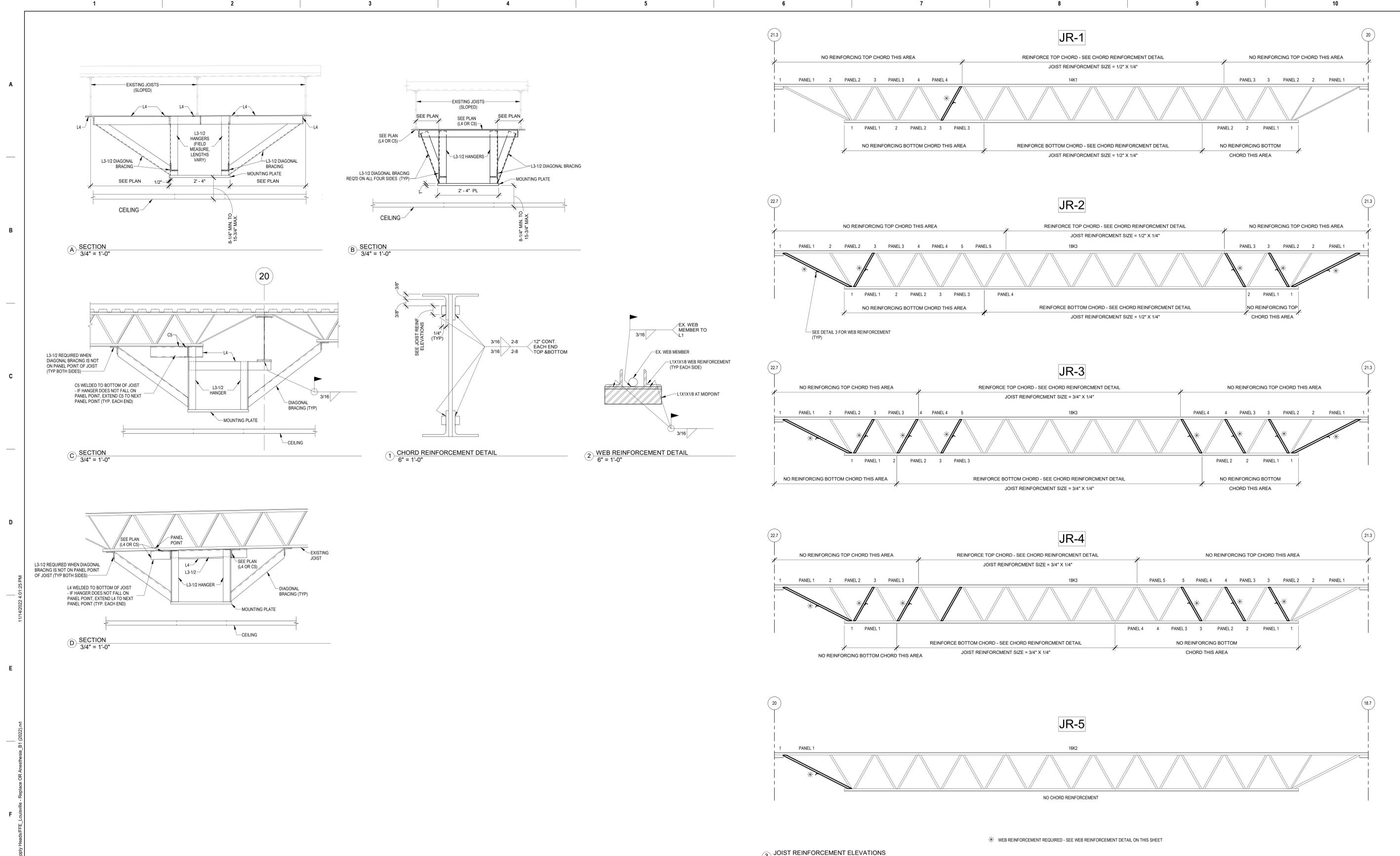


TYPICAL ICRA ELEVATIONS
1/2" = 1'-0"



KEY PLAN - FOURTH FLOOR
NTS

CONSULTANT BID DOCUMENTS No. Revisions: 11/15/2022 Date:		ARCHITECT/ENGINEER OF RECORD FFE Engineering & Architecture www.ffeinc.us 519.522.0956 STAMP: PATRICK R. QUINN, REGISTERED ARCHITECT, STATE OF OHIO, 1616637, 07/19/21, EXP. 12/31/21		ROBLEY REX VA MEDICAL CENTER U.S. Department of Veterans Affairs		Drawing Title: FOURTH FLOOR INFECTION AND DUST CONTROL PLAN OR 3 Approved: Owner		Phase: BID DOCUMENTS FULLY SPRINKLERED		Project Title: REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS T-691 Location: LOUISVILLE, KENTUCKY Issue Date: 11/15/2022 Checked: PH Drawn: JFJV		Project Number: 603-22-101 Building Number: 1 Drawing Number: G1200	
---	--	---	--	---	--	---	--	---	--	--	--	---	--



* WEB REINFORCEMENT REQUIRED - SEE WEB REINFORCEMENT DETAIL ON THIS SHEET

3 JOIST REINFORCEMENT ELEVATIONS
3/4" = 1'-0"

BID DOCUMENTS		11/15/2022
No.	Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE Engineering & Architecture
www.ffeinc.us | 519.522.0956



ROBLEY REX VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title
STRUCTURAL DETAILS AND SECTIONS

Approved: Owner

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS

Location
LOUISVILLE, KENTUCKY

Issue Date
11/15/2022

Checked
PM

Drawn
CL

Project Number
603-22-101

Building Number
1

Drawing Number
S501

SYMBOLS

Table with 2 columns: Symbol and Description. Includes symbols for Room Name, Level Elevation, Existing Grid Head, New Grid Head, Call Out Head, Building Section Number, Wall Section Number, Detail Section Number, North Arrow, Door Number, Wall Tag, Window Tag, Keynote, Revision Tag, Finish Tag, and Ceiling Height Tag.

ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Lists various construction and architectural abbreviations such as ANCHOR BOLT, ASPHALT CONCRETE PAVING, AIR CONDITIONING, etc.

11/14/2022 4:48:18 PM
Autodesk Docs: Louisville VA - Replace OR Anesthesia Supply Heads/FFE Louisville - Replace OR Anesthesia_B1 (2022).ind
VA FORM 08 - 6231

Table with 2 columns: No. and Date. Includes rows for 'No. Revisions:' and 'Date:'. A row shows '11/15/2022' and 'Date:'.

Table with 2 columns: CONSULTANT and ARCHITECT/ENGINEER OF RECORD. Includes the FFE Engineering & Architecture logo and contact information.

Professional Engineer Stamp for Patrick R. Quinn, State of Ohio, License No. 1616637, expires 12/31/21.

VA U.S. Department of Veterans Affairs logo and text.

Table with 2 columns: Drawing Title and Approved: Owner. Drawing Title: ARCHITECTURAL LEGEND.

Table with 2 columns: Phase and Fully Sprinklered. Phase: BID DOCUMENTS. Fully Sprinklered: FULLY SPRINKLERED.

Table with 2 columns: Project Title and Location. Project Title: REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS. Location: LOUISVILLE, KENTUCKY.

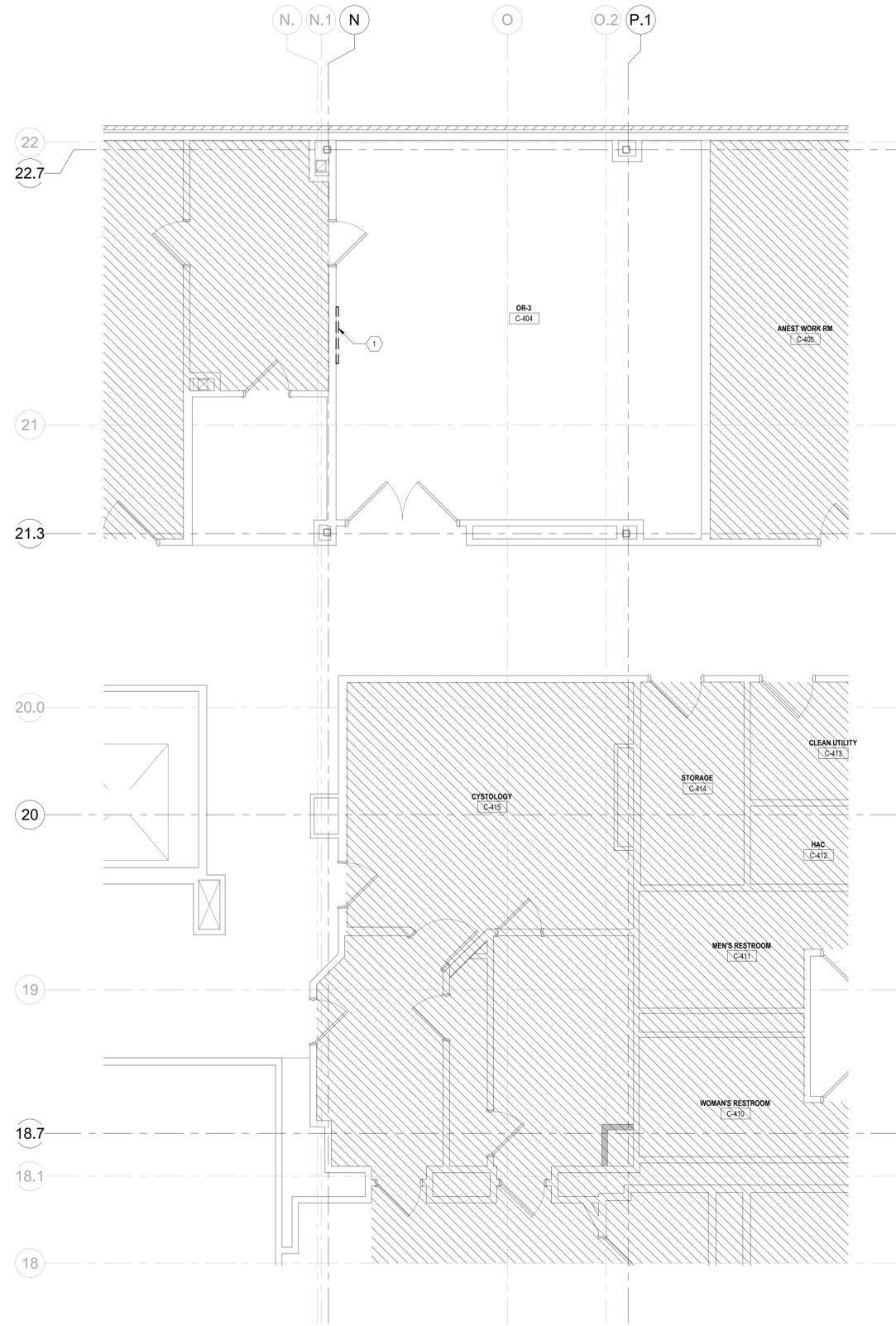
Table with 2 columns: Project Number and Drawing Number. Project Number: 603-22-101. Drawing Number: A001.

GENERAL DEMOLITION PLAN NOTES

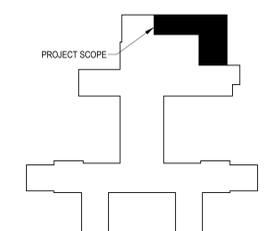
- A. CONTRACTOR SHALL COORDINATE DEMOLITION WORK WITH ALL TRADES. FOR ITEMS SHOWN TO BE REMOVED ON THIS PLAN, GENERAL CONTRACTOR SHALL ALSO COORDINATE WITH ALL TRADES, THE REMOVAL, REINSTALLATION, AND/OR REWORKING OF THE EXISTING FINISHES AS REQUIRED FOR THE ROUTING OF EXISTING NEW SERVICES INTO THE PROJECT AREA.
- B. PRIOR TO THE START OF DEMOLITION, CONTRACTOR SHALL WALK THE SPACE WITH C.O.R. TO IDENTIFY ANY ITEMS TO BE TURNED OVER TO THE GOVERNMENT.
- C. ANY ITEMS DAMAGED BY THE CONTRACTOR OR BY PERSONS UNDER THE SUPERVISION OF THE CONTRACTOR THAT ARE NOT INDICATED TO BE REMOVED OR DEMOLISHED SHALL BE REPAIRED/REPLACED TO LIKE NEW CONDITION AT THE CONTRACTORS EXPENSE.
- D. SEE (ENLARGED) PARTIAL CEILING DEMOLITION PLANS AND MEP DRAWINGS FOR ADDITIONAL INFORMATION.
- E. CONTRACTOR SHALL PROVIDE NEGATIVE AIR PRESSURE IN THE AREA BEING MODIFIED TO PREVENT THE SPREAD OF AIRBORNE DUST PARTICLES TO OTHER OCCUPIED AREAS OF THE MEDICAL CENTER, REFER SPECIFICATION SECTION 01 35 26, SAFETY REQUIREMENTS.
- F. GENERAL CONTRACTOR SHALL PROVIDE CONSTRUCTION AND WARNING SIGNS AS PER THE SPECIFICATIONS.
- G. CONTRACTOR SHALL MAINTAIN THE EXISTING BUILDING IN A WATERTIGHT STATE THROUGHOUT CONSTRUCTION. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE PREPARED TO LIKE NEW CONDITION AND SHALL MATCH NEW CONSTRUCTION.
- H. CONTRACTOR SHALL MAINTAIN A FULLY SEALED ENTRY POINTS TO THE ROOMS AND/OR AREAS BEING RENOVATED. ROOMS MUST BE SEALED TO PREVENT THE TRANSFER OF DUST AND DEBRIS TO ADJACENT SPACES.
- I. GENERAL CONTRACTOR SHALL MAINTAIN WALK-OFF (STICKY) MATS ON BOTH SIDES OF THE ENTRY OF THE ENTRY POINTS TO THE ROOMS AND/OR AREAS BEING RENOVATED. CHANGE MATS REGULARLY AND AS DIRECTED BY THE VA INFECTION CONTROL STAFF TO PREVENT THE TRANSFER OF FOOT TRAFFIC DUST AND DEBRIS. (REFER TO INFECTION AND DUST CONTROL PLANS.)
- J. PROTECT EXISTING FINISH FLOORING DURING CONSTRUCTION/DEMOLITION ACTIVITIES. CAREFULLY LAY 4x8x1/2" PLYWOOD OVER THE ENTIRE OPERATING ROOM WELDED RESILIENT SHEET FLOORING AND PROTECT FROM DAMAGE.

DRAWING NOTES:

- 1 REMOVE XRAY READING LIGHT



PARTIAL FOURTH FLOOR DEMOLITION PLAN - OR 3
1/4" = 1'-0"



KEY PLAN - FOURTH FLOOR
NTS

11/14/2022 4:49:29 PM
 Autodesk Docs: Louisville VA - Replace OR Anesthesia Supply Heads/FFE Louisville - Replace OR Anesthesia_B1 (2022).ind
 11/14/2022 4:49:29 PM

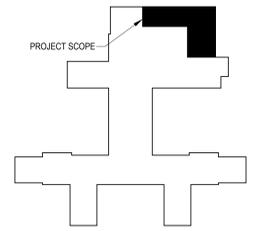
CONSULTANT [Blank]		ARCHITECT/ENGINEER OF RECORD FFE Engineering & Architecture www.ffeinc.us 519.522.0956		STAMP 	ROBLEY REX VA MEDICAL CENTER VA U.S. Department of Veterans Affairs	Drawing Title FOURTH FLOOR DEMOLITION PLAN OR 3 Approved: Owner	Phase BID DOCUMENTS FULLY SPRINKLERED	Project Title REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS T-691	Project Number 603-22-101 Building Number 1	Location LOUISVILLE, KENTUCKY Issue Date 11/15/2022	Checked PQ	Drawn JFJV	Drawing Number AD101
-----------------------	--	---	--	-----------	--	--	--	---	---	--	---------------	---------------	--------------------------------

GENERAL DEMOLITION PLAN NOTES

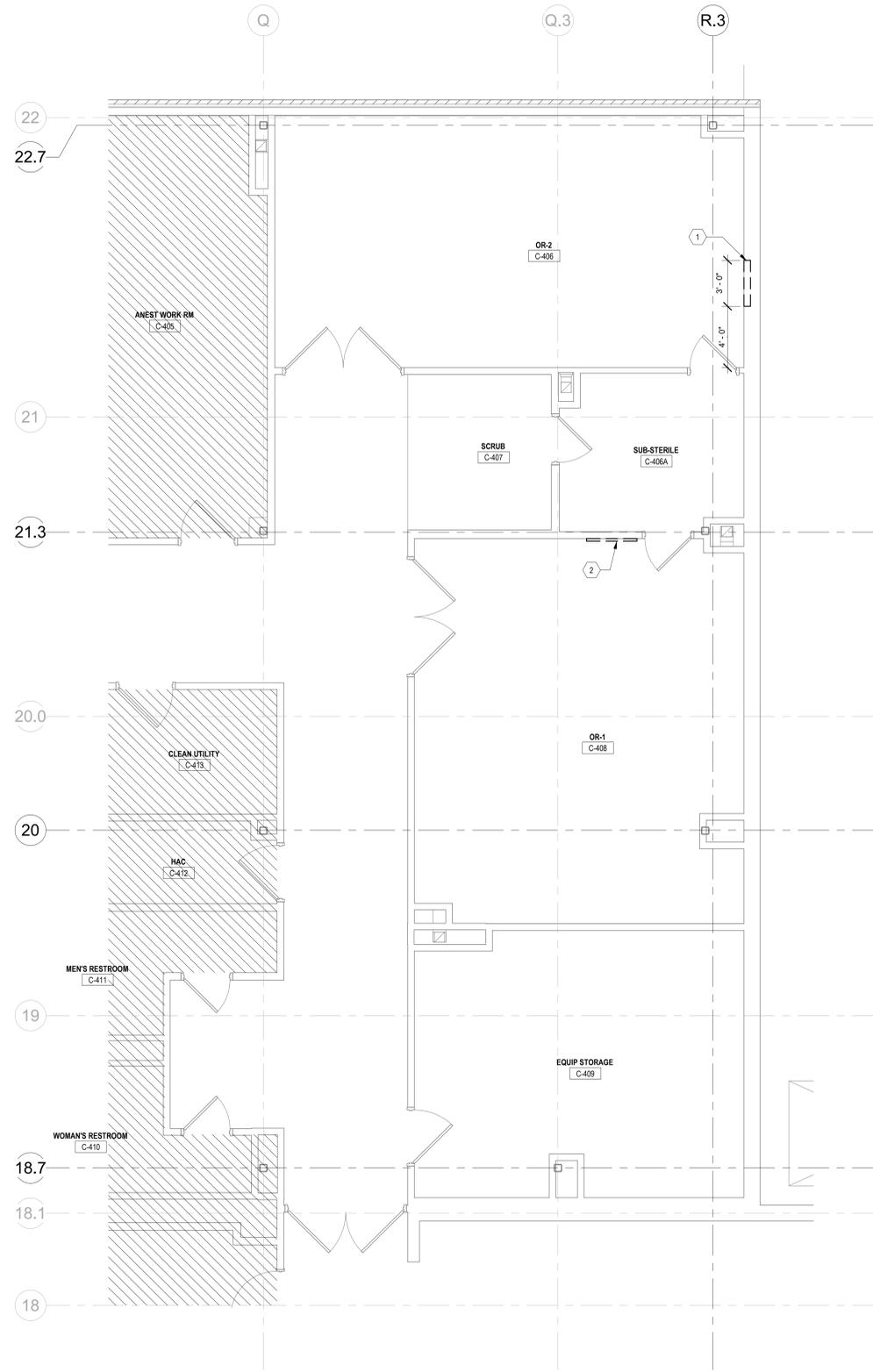
- A. CONTRACTOR SHALL COORDINATE DEMOLITION WORK WITH ALL TRADES. FOR ITEMS SHOWN TO BE REMOVED ON THIS PLAN, GENERAL CONTRACTOR SHALL ALSO COORDINATE WITH ALL TRADES, THE REMOVAL, REINSTALLATION, AND/OR REWORKING OF THE EXISTING FINISHES AS REQUIRED FOR THE ROUTING OF EXISTING NEW SERVICES INTO THE PROJECT AREA.
- B. PRIOR TO THE START OF DEMOLITION, CONTRACTOR SHALL WALK THE SPACE WITH C.O.R. TO IDENTIFY ANY ITEMS TO BE TURNED OVER TO THE GOVERNMENT.
- C. ANY ITEMS DAMAGED BY THE CONTRACTOR OR BY PERSONS UNDER THE SUPERVISION OF THE CONTRACTOR THAT ARE NOT INDICATED TO BE REMOVED OR DEMOLISHED SHALL BE REPAIRED/REPLACED TO LIKE NEW CONDITION AT THE CONTRACTORS EXPENSE.
- D. SEE (ENLARGED) PARTIAL CEILING DEMOLITION PLANS AND MEP DRAWINGS FOR ADDITIONAL INFORMATION.
- E. CONTRACTOR SHALL PROVIDE NEGATIVE AIR PRESSURE IN THE AREA BEING MODIFIED TO PREVENT THE SPREAD OF AIRBORNE DUST/PARTICLES TO OTHER OCCUPIED AREAS OF THE MEDICAL CENTER. REFER SPECIFICATION SECTION 01 35 26, SAFETY REQUIREMENTS.
- F. GENERAL CONTRACTOR SHALL PROVIDE CONSTRUCTION AND WARNING SIGNS AS PER THE SPECIFICATIONS.
- G. CONTRACTOR SHALL MAINTAIN THE EXISTING BUILDING IN A WATERTIGHT STATE THROUGHOUT CONSTRUCTION. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE PREPARED TO LIKE NEW CONDITION AND SHALL MATCH NEW CONSTRUCTION.
- H. CONTRACTOR SHALL MAINTAIN A FULLY SEALED ENTRY POINTS TO THE ROOMS AND/OR AREAS BEING RENOVATED. ROOMS MUST BE SEALED TO PREVENT THE TRANSFER OF DUST AND DEBRIS TO ADJACENT SPACES.
- I. GENERAL CONTRACTOR SHALL MAINTAIN WALK-OFF (STICKY) MATS ON BOTH SIDES OF THE ENTRY OF THE ENTRY POINTS TO THE ROOMS AND/OR AREAS BEING RENOVATED. CHANGE MATS REGULARLY AND AS DIRECTED BY THE VA INFECTION CONTROL STAFF TO PREVENT THE TRANSFER OF FOOT TRAFFIC DUST AND DEBRIS. (REFER TO INFECTION AND DUST CONTROL PLANS.)
- J. PROTECT EXISTING FINISH FLOORING DURING CONSTRUCTION/DEMOLITION ACTIVITIES. CAREFULLY LAY 4x6x1/2" PLYWOOD OVER THE ENTIRE OPERATING ROOM WELDED RESILIENT SHEET FLOORING AND PROTECT FROM DAMAGE.

DRAWING NOTES:

- 1 REMOVE PORTION OF GYPSUM WALL FOR FUTURE INSTALLATION OF ISOLATION PANEL - COORDINATE WITH ELECTRICAL DRAWINGS
- 2 REMOVE XRAY READING LIGHT



KEY PLAN - FOURTH FLOOR
NTS



PARTIAL FOURTH FLOOR DEMOLITION PLAN - OR 1 AND 2
1/4" = 1'-0"

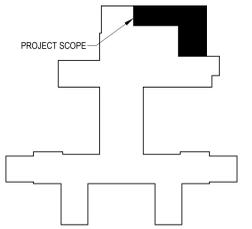
<p>11/14/2022 4:49:52 PM</p> <p>11/14/2022 4:49:52 PM</p> <p>11/14/2022 4:49:52 PM</p>		<p>CONSULTANT</p>		<p>ARCHITECT/ENGINEER OF RECORD</p> <p>FFE Engineering & Architecture www.ffeinc.us 519.522.0956</p>		<p>STAMP</p>		<p>ROBLEY REX VA MEDICAL CENTER</p> <p>VA U.S. Department of Veterans Affairs</p>		<p>Drawing Title</p> <p>FOURTH FLOOR DEMOLITION PLAN OR 1 AND 2</p> <p>Approved: Owner</p>		<p>Phase</p> <p>BID DOCUMENTS</p> <p>FULLY SPRINKLERED</p>		<p>Project Title</p> <p>REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS</p> <p>Location</p> <p>LOUISVILLE, KENTUCKY</p> <p>Issue Date</p> <p>11/15/2022</p>		<p>Project Number</p> <p>603-22-101</p> <p>Building Number</p> <p>1</p> <p>Drawing Number</p> <p>AD102</p>	
<p>BID DOCUMENTS</p> <p>No. Revisions:</p>		<p>11/15/2022</p> <p>Date:</p>										<p>Checked</p> <p>PQ</p>		<p>Drawn</p> <p>JFJV</p>			

GENERAL DEMOLITION RCP NOTES

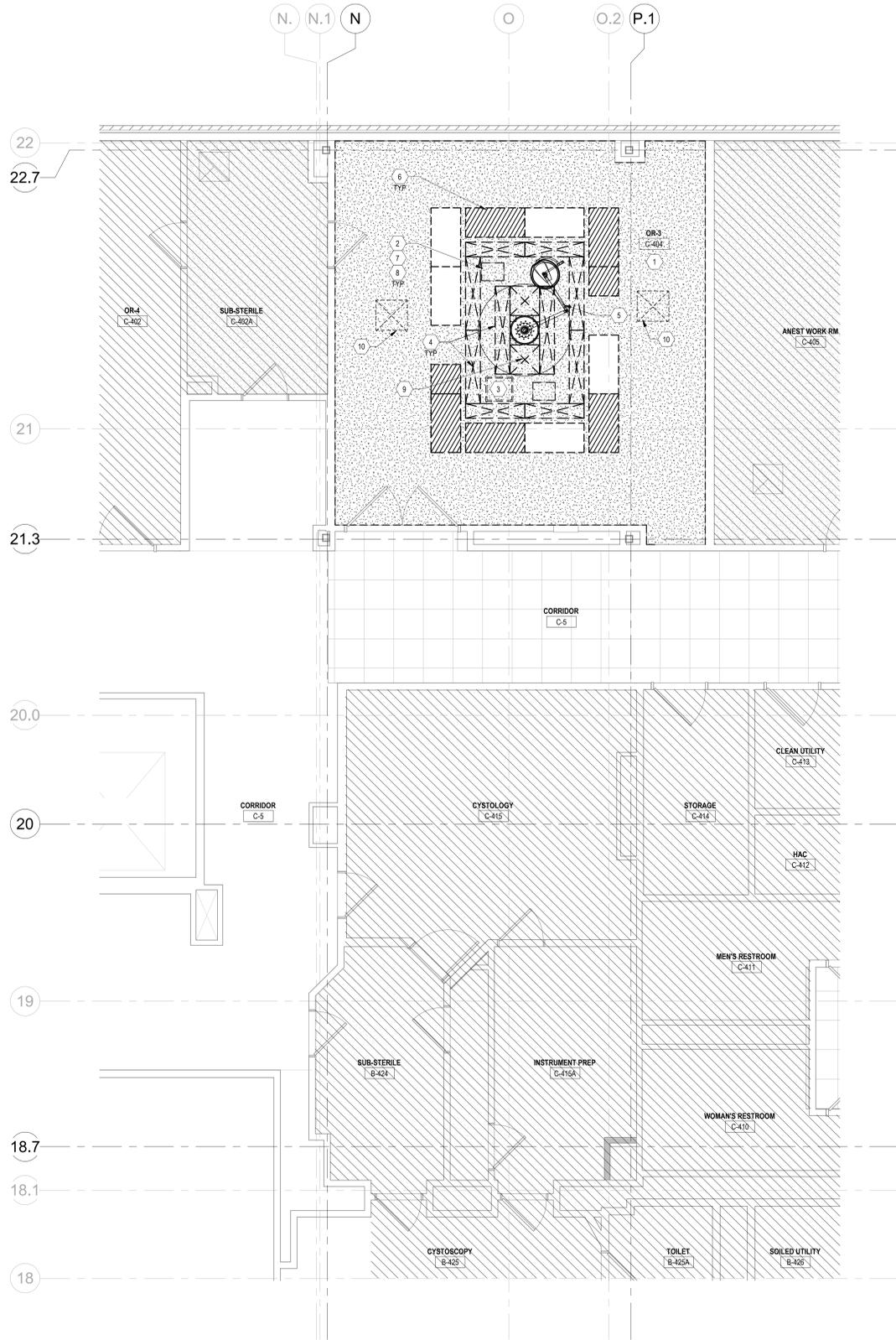
- A. REMOVE EXISTING MEDICAL GAS OUTLETS AND CONCEALED PIPING. (REFER TO PLUMBING PLANS AND SPECIFICATIONS)
- B. REMOVE, STORE, AND REPLACE EXISTING I.V. TRACK AT SAME LOCATION.
- C. REMOVE, STORE, AND REPLACE EXISTING ACCESS DOOR AT SAME LOCATION.
- D. REMOVE, STORE, AND REPLACE EXISTING WIFI TRANSMITTER AT SAME LOCATION.
- E. EXISTING SURGICAL LIGHT BOOM TO REMAIN. BAG COMPLETE LIGHT BOOM AND PROTECT FROM DAMAGE DURING DEMOLITION (AND CONSTRUCTION) ACTIVITIES.
- F. REMOVE, STORE, AND REPLACE EXISTING LAMINAR FLOW DIRRUSER. (REFER TO MECHANICAL PLANS AND SPECIFICATIONS)
- G. REMOVE, STORE, AND REPLACE EXISTING PERFORATED DIFFUSER. (REFER TO MECHANICAL PLANS AND SPECIFICATIONS)
- H. AFTER CEILING DEMOLITION SPRINKLER HEADS NEED TO BE TURNED UP IN ACCORDANCE WITH NFPA.

DRAWING NOTES:

- 1 REMOVE GYPSUM (OR) PLASTER CEILING SYSTEM TO PROVIDE ACCESS FOR DEMOLITION AND NEW CONSTRUCTION OF INFRASTRUCTURE FOR NEW ANESTHESIA SUPPLY HEADS AND OTHER INSTALLATIONS.
- 2 REMOVE EXISTING ANESTHESIA COLUMN AND STRUCTURAL SUPPORT COMPLETE. REMOVE ALL MEDICAL GAS PIPING AND ELECTRICAL CONDUITS AND WIRING (REFER TO M.E.P. PLANS AND SPECIFICATIONS.)
- 3 REMOVE EXISTING ACCESS PANEL.
- 4 REMOVE AND STORE EXISTING DIFFUSER. (REFER TO MECHANICAL PLANS AND SPECIFICATION)
- 5 EXISTING SURGICAL LIGHT BOOM TO REMAIN. COVER TO PROTECT LIGHT BOOM DURING DEMOLITION AND CONSTRUCTION PHASE.
- 6 REPLACE EXISTING LIGHT FIXTURES, (QFC) (REFER TO ELECTRICAL DRAWINGS FOR NEW LAYOUT)
- 7 REMOVE EXISTING ELECTRICAL OUTLETS COMPLETE. (REFER TO ELECTRICAL PLANS AND SPECIFICATION)
- 8 REMOVE EXISTING MEDICAL GAS OUTLETS AND CONCEALED PIPING. (REFER TO PLUMBING PLANS AND SPECIFICATIONS)
- 9 REMOVE DIFFUSER FOR REPLACEMENT IN NEW WORK (REFER TO MECHANICAL DRAWINGS)
- 10 REMOVE DIFFUSER (REFER TO MECHANICAL DRAWINGS)



KEY PLAN - FOURTH FLOOR
NTS



PARTIAL FOURTH FLOOR REFLECTED CEILING PLAN - OR 1 AND 2
1/4" = 1'-0"

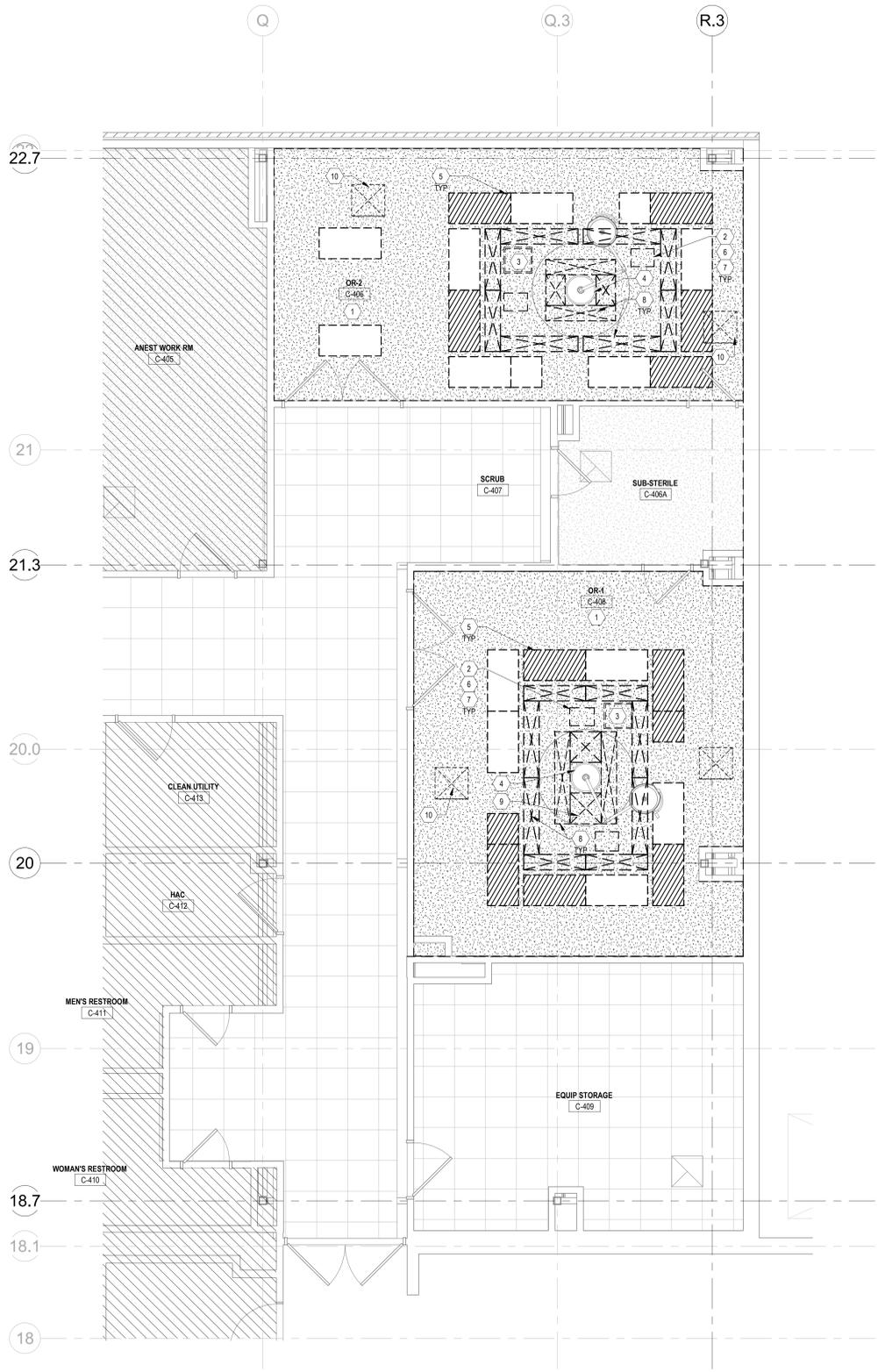
<p>11/14/2022 4:49:36 PM</p> <p>11/14/2022 4:49:36 PM</p> <p>11/14/2022 4:49:36 PM</p>		<p>CONSULTANT</p>		<p>ARCHITECT/ENGINEER OF RECORD</p> <p>FFE Engineering & Architecture www.ffeinc.us 519.522.0956</p>		<p>STAMP</p>		<p>ROBLEY REX VA MEDICAL CENTER</p> <p>U.S. Department of Veterans Affairs</p>		<p>Drawing Title</p> <p>FOURTH FLOOR REFLECTED CEILING DEMOLITION PLAN - OR 3</p> <p>Approved: Owner</p>		<p>Phase</p> <p>BID DOCUMENTS</p> <p>FULLY SPRINKLERED</p>		<p>Project Title</p> <p>REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS</p> <p>T-691</p>		<p>Project Number</p> <p>603-22-101</p> <p>Building Number</p> <p>1</p> <p>Drawing Number</p> <p>AD141</p>	
<p>BID DOCUMENTS</p> <p>No. Revisions:</p>		<p>11/15/2022</p> <p>Date:</p>		<p>VA FORM 08 - 6231</p>		<p>07/19/21</p> <p>EXP. 12/31/21</p>		<p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p>		<p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p>		<p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p>		<p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p>			

GENERAL DEMOLITION RCP NOTES

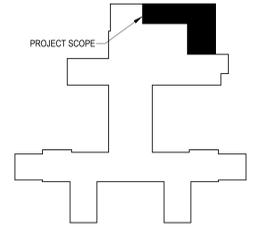
- A. REMOVE EXISTING MEDICAL GAS OUTLETS AND CONCEALED PIPING. (REFER TO PLUMBING PLANS AND SPECIFICATIONS)
- B. REMOVE, STORE, AND REPLACE EXISTING I.V. TRACK AT SAME LOCATION.
- C. REMOVE, STORE, AND REPLACE EXISTING ACCESS DOOR AT SAME LOCATION.
- D. REMOVE, STORE, AND REPLACE EXISTING WIFI TRANSMITTER AT SAME LOCATION.
- E. EXISTING SURGICAL LIGHT BOOM TO REMAIN. BAG COMPLETE LIGHT BOOM AND PROTECT FROM DAMAGE DURING DEMOLITION (AND CONSTRUCTION) ACTIVITIES.
- F. REMOVE, STORE, AND REPLACE EXISTING LAMINAR FLOW DIRRUSER. (REFER TO MECHANICAL PLANS AND SPECIFICATIONS.)
- G. REMOVE, STORE, AND REPLACE EXISTING PERFORATED DIFFUSER. (REFER TO MECHANICAL PLANS AND SPECIFICATIONS.)
- H. AFTER CEILING DEMOLITION SPRINKLER HEADS NEED TO BE TURNED UP IN ACCORDANCE WITH NFPA.

DRAWING NOTES:

- 1 REMOVE GYPSUM (OR) PLASTER CEILING SYSTEM TO PROVIDE ACCESS FOR DEMOLITION AND NEW CONSTRUCTION OF INFRASTRUCTURE FOR NEW ANESTHESIA SUPPLY HEADS AND OTHER INSTALLATIONS.
- 2 REMOVE EXISTING ANESTHESIA COLUMN AND STRUCTURAL SUPPORT COMPLETE. REMOVE ALL MEDICAL GAS PIPING AND ELECTRICAL CONDUITS AND WIRING (REFER TO M.E.P. PLANS AND SPECIFICATIONS.)
- 3 REMOVE EXISTING ACCESS PANEL.
- 4 EXISTING SURGICAL LIGHT BOOM TO REMAIN. COVER TO PROTECT LIGHT BOOM DURING DEMOLITION AND CONSTRUCTION PHASE.
- 5 REPLACE EXISTING LIGHT FIXTURES, OFCI (REFER TO ELECTRICAL DRAWINGS FOR NEW LAYOUT)
- 6 REMOVE EXISTING ELECTRICAL OUTLETS COMPLETE. (REFER TO ELECTRICAL PLANS AND SPECIFICATION)
- 7 REMOVE EXISTING MEDICAL GAS OUTLETS AND CONCEALED PIPING. (REFER TO PLUMBING PLANS AND SPECIFICATIONS)
- 8 REMOVE AND STORE EXISTING DIFFUSER. (REFER TO MECHANICAL PLANS AND SPECIFICATION)
- 9 REMOVE DIFFUSER FOR REPLACEMENT IN NEW WORK (REFER TO MECHANICAL DRAWINGS)
- 10 REMOVE DIFFUSER (REFER TO MECHANICAL DRAWINGS)



FOURTH FLOOR CEILING PLAN - PHASE 3
1/4" = 1'-0"



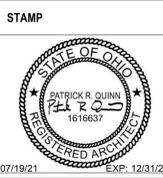
KEY PLAN - FOURTH FLOOR
NTS

BID DOCUMENTS		11/15/2022
No.	Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE Engineering & Architecture
www.ffeinc.us | 519.522.0956



ROBLEY REX VA MEDICAL CENTER
U.S. Department of Veterans Affairs

Drawing Title
FOURTH FLR REFLECTED CEILING DEMOLITION PLAN OR 1 AND 2

Approved: Owner

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS

Location
LOUISVILLE, KENTUCKY

Issue Date
11/15/2022

Checked
PQ

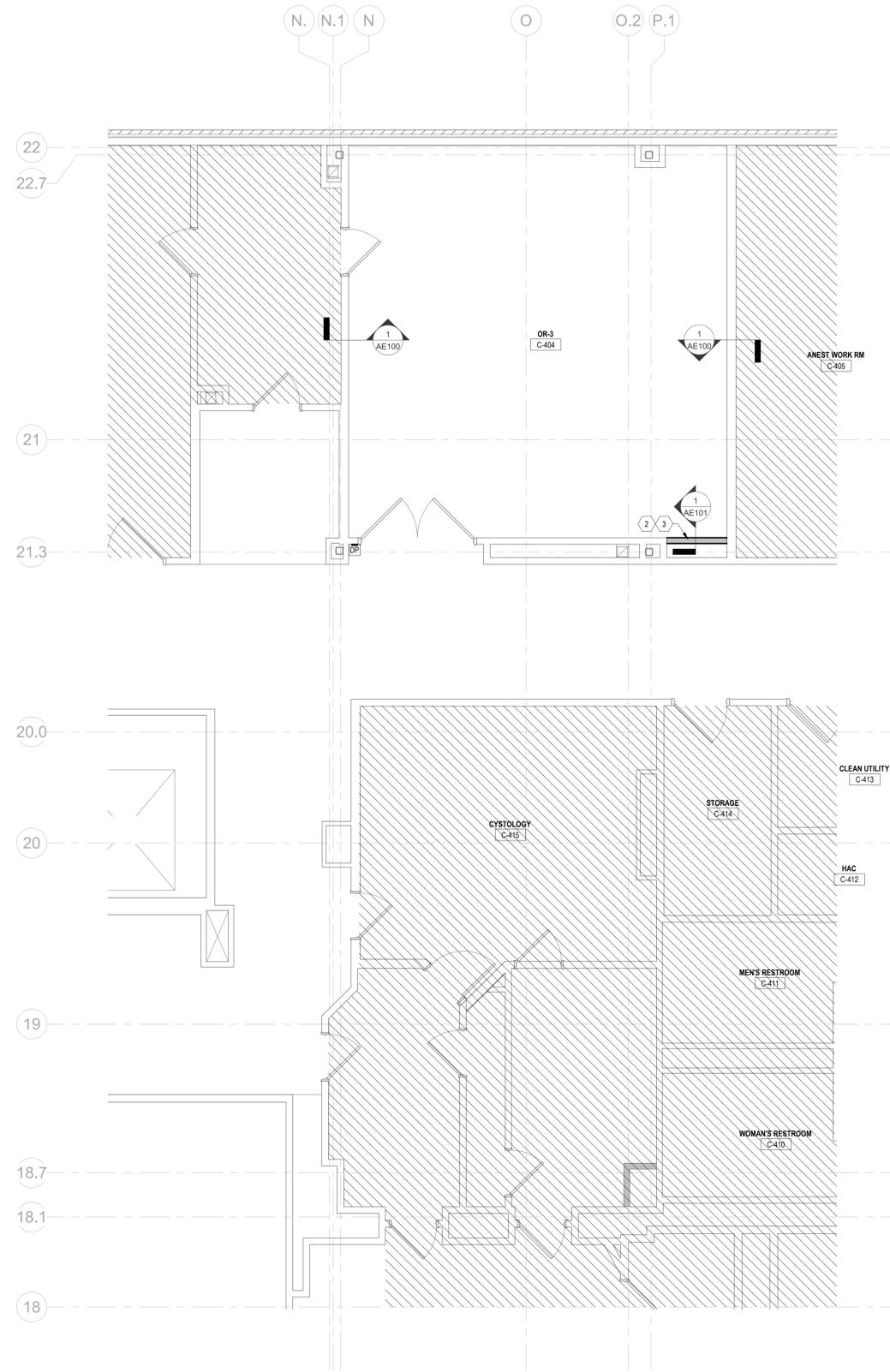
Drawn
JFJV

Project Number
603-22-101

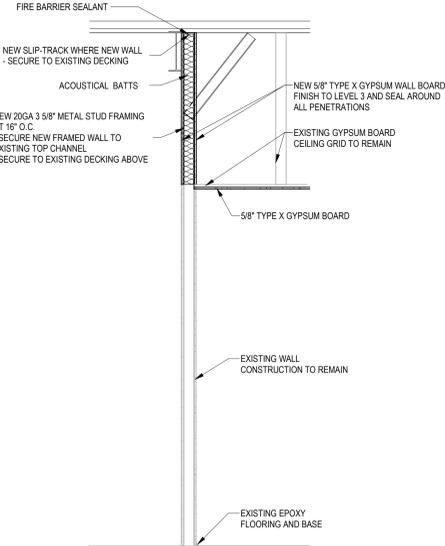
Building Number
1

Drawing Number
AD142

A
B
C
D
E
F
 11/14/2022 4:49:43 PM
 11/14/2022 4:49:43 PM
 11/14/2022 4:49:43 PM



FOURTH FLOOR NEW WORK PLAN - OR-3
1/4" = 1'-0"



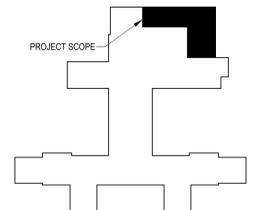
1 WALL SECTION
1/2" = 1'-0"

GENERAL FLOOR PLAN NOTES

- * C.O.R. = CONTRACTING OFFICER'S REPRESENTATIVE.
- A. REFER TO SHEET G100 FOR GENERAL NEW WORK NOTES.
- B. PARTITIONS ARE DIMENSIONED FINISH FACE TO FINISH FACE.
- C. VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD BEFORE FABRICATING ANY MATERIALS.
- D. THE GENERAL CONTRACTOR SHALL VERIFY THE SIZES OF ALL EQUIPMENT OR FIXTURES TO BE INSTALLED IN THE BUILDING THROUGH THE SUBMITTAL PROCESS, AND SHALL MAKE SPECIAL PROVISIONS FOR INSTALLATION OF ANY EQUIPMENT WHICH IS TOO LARGE TO FIT THROUGH A FINISHED OPENING.
- E. ALL CONTRACTORS SHALL BE RESPONSIBLE TO PATCH AND REPAIR ALL SURFACES WHERE EXISTING CONSTRUCTION IS REMOVED OR DISTURBED BY WORK UNDER THEIR CONTRACT.
- F. WHERE NEW CONSTRUCTION MATERIAL AND EQUIPMENT IS INDICATED TO BE INSTALLED IN EXISTING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS FOR PROPER FIT AND FOR ACCESS INTO THE BUILDING PRIOR TO SHOP DRAWING SUBMITTAL, ORDERING AND DELIVERING TO THE SITE.
- G. REFER TO DEMOLITION DRAWINGS FOR WORK REQUIRED IN ADVANCE OF CONSTRUCTION AND COORDINATE ACCORDINGLY.
- H. ALL DOOR OPENINGS SHALL BE CONSTRUCTED 4" CLEAR FROM A PERPENDICULAR PARTITION OUTSIDE FACE OF FRAME, UNLESS NOTED OTHERWISE.
- I. PARTITION TYPES INDICATED ARE CONTINUOUS TO A CORNER OR AN INTERSECTING PARTITION, UNLESS INDICATED OTHERWISE, WHERE PARTITIONS OF DIFFERENT THICKNESSES MEET, CONFIRM ALIGNMENT WITH PLANS.
- J. NEW CONSTRUCTION TO ALIGN WITH ADJACENT EXISTING CONSTRUCTION WHERE APPLICABLE. PREPARE ALIGNED SURFACES TO RECEIVE NEW FINISHES.
- K. SOUND ATTENUATION BATTS (SAB) ARE TO BE PLACED IN ALL PARTITIONS WHICH ENCLOSE A ROOM UNLESS NOTED OTHERWISE.

DRAWING NOTES:

- 1 PATCH WALL - MATCH EXISTING CONSTRUCTION
- 2 PAINT WALL WHERE PATCH WORK WAS DONE. (REFER TO PAINTING SPECIFICATIONS)
- 3 NEW WALL CONSTRUCTION - SEE WALL SECTION



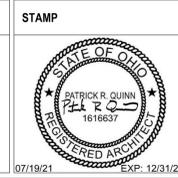
KEY PLAN - FOURTH FLOOR
NTS

BID DOCUMENTS		11/15/2022
No.	Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE Engineering & Architecture
www.ffeinc.us | 519.522.0956



ROBLEY REX VA MEDICAL CENTER
U.S. Department of Veterans Affairs

Drawing Title: FOURTH FLOOR PLAN OR 3
Approved: Owner

Phase: BID DOCUMENTS
FULLY SPRINKLERED

Project Title: REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS
Location: LOUISVILLE, KENTUCKY
Issue Date: 11/15/2022
Checked: PQ
Drawn: JFJV

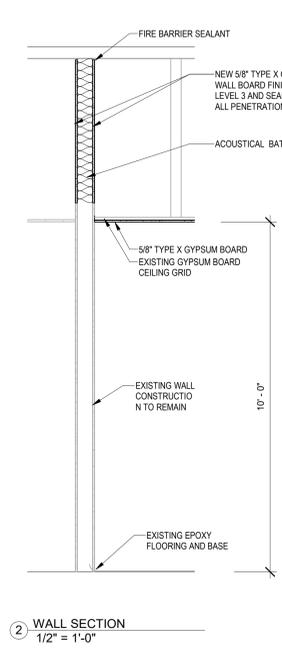
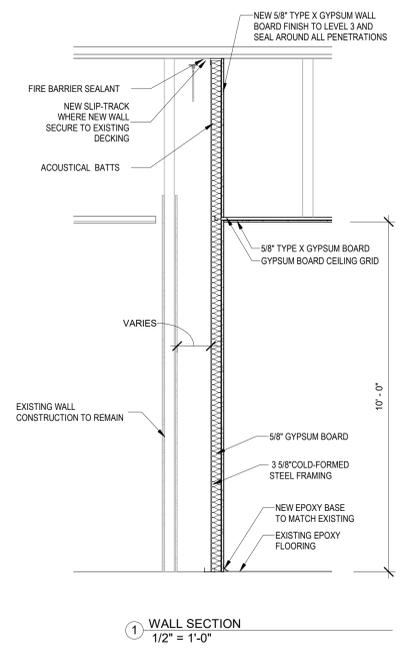
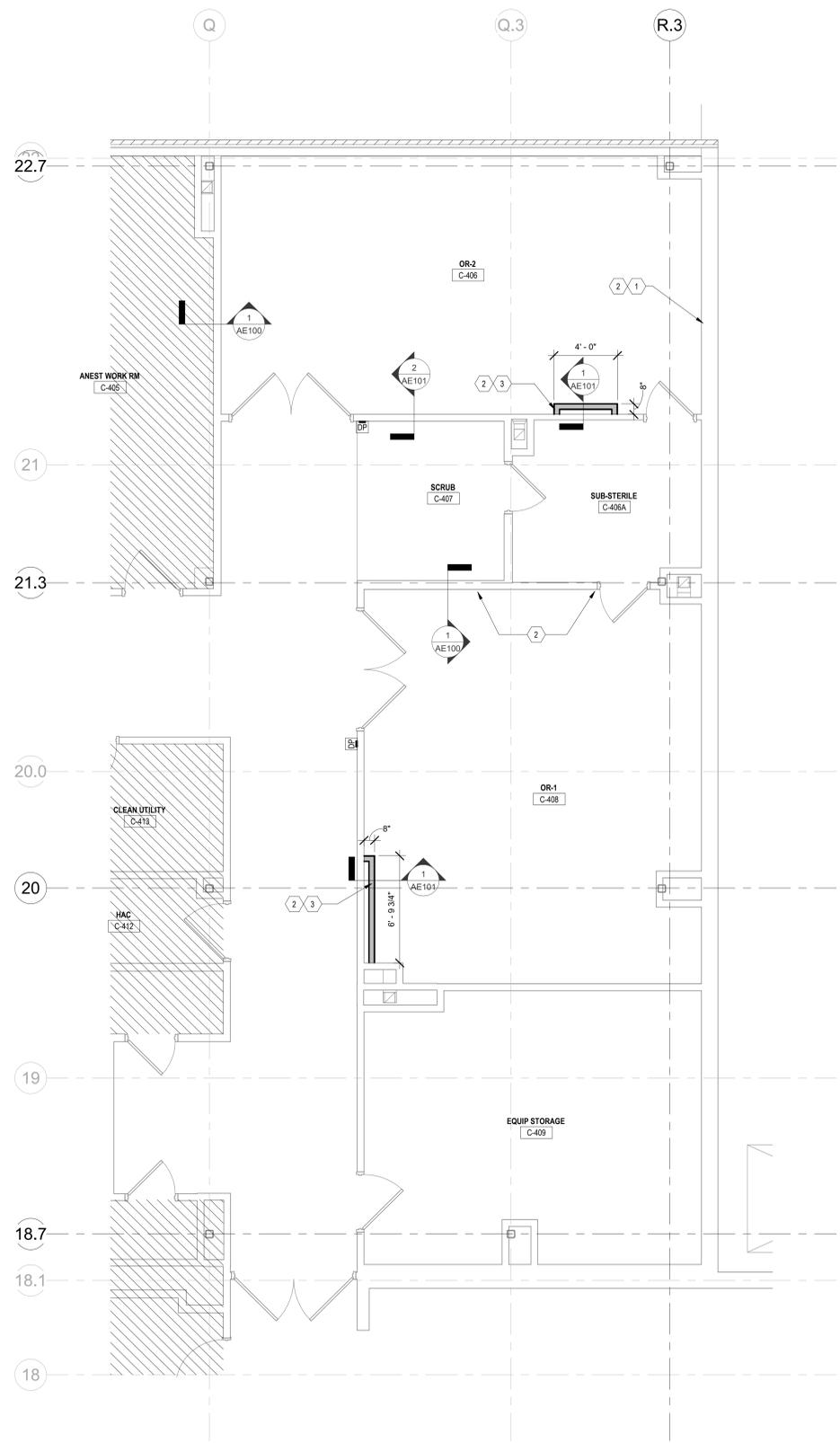
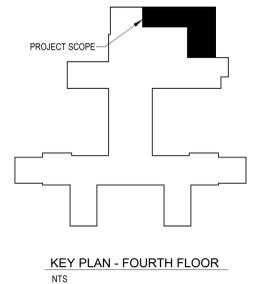
Project Number: 603-22-101
Building Number: 1
Drawing Number: AE100

GENERAL FLOOR PLAN NOTES

- * C.O.R. = CONTRACTING OFFICER'S REPRESENTATIVE.
- A. REFER TO SHEET G1100 FOR GENERAL NEW WORK NOTES.
- B. PARTITIONS ARE DIMENSIONED FINISH FACE TO FINISH FACE.
- C. VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD BEFORE FABRICATING ANY MATERIALS.
- D. THE GENERAL CONTRACTOR SHALL VERIFY THE SIZES OF ALL EQUIPMENT OR FIXTURES TO BE INSTALLED IN THE BUILDING THROUGH THE SUBMITTAL PROCESS, AND SHALL MAKE SPECIAL PROVISIONS FOR INSTALLATION OF ANY EQUIPMENT WHICH IS TOO LARGE TO FIT THROUGH A FINISHED OPENING.
- E. ALL CONTRACTORS SHALL BE RESPONSIBLE TO PATCH AND REPAIR ALL SURFACES WHERE EXISTING CONSTRUCTION IS REMOVED OR DISTURBED BY WORK UNDER THEIR CONTRACT.
- F. WHERE NEW CONSTRUCTION MATERIAL AND EQUIPMENT IS INDICATED TO BE INSTALLED IN EXISTING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS FOR PROPER FIT AND FOR ACCESS INTO THE BUILDING PRIOR TO SHOP DRAWING SUBMITTAL, ORDERING AND DELIVERING TO THE SITE.
- G. REFER TO DEMOLITION DRAWINGS FOR WORK REQUIRED IN ADVANCE OF CONSTRUCTION AND COORDINATE ACCORDINGLY.
- H. ALL DOOR OPENINGS SHALL BE CONSTRUCTED 4" CLEAR FROM A PERPENDICULAR PARTITION OUTSIDE FACE OF FRAME, UNLESS NOTED OTHERWISE.
- I. PARTITION TYPES INDICATED ARE CONTINUOUS TO A CORNER OR AN INTERSECTING PARTITION, UNLESS INDICATED OTHERWISE. WHERE PARTITIONS OF DIFFERENT THICKNESSES MEET, CONFIRM ALIGNMENT WITH PLANS.
- J. NEW CONSTRUCTION TO ALIGN WITH ADJACENT EXISTING CONSTRUCTION WHERE APPLICABLE. PREPARE ALIGNED SURFACES TO RECEIVE NEW FINISHES.
- K. SOUND ATTENUATION BATTS (SAB) ARE TO BE PLACED IN ALL PARTITIONS WHICH ENCLOSE A ROOM UNLESS NOTED OTHERWISE.

DRAWING NOTES:

- 1 PATCH WALL - MATCH EXISTING CONSTRUCTION
- 2 PAINT WALL WHERE PATCH WORK WAS DONE. (REFER TO PAINTING SPECIFICATIONS)
- 3 NEW WALL CONSTRUCTION - SEE WALL SECTION



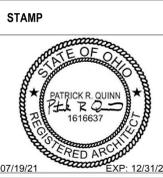
FOURTH FLOOR NEW WORK PLAN - OR-3
1/4" = 1'-0"

BID DOCUMENTS		11/15/2022
No. Revisions:	Date:	

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE Engineering & Architecture
www.ffeinc.us | 519.522.0956



ROBLEY REX VA MEDICAL CENTER
U.S. Department of Veterans Affairs

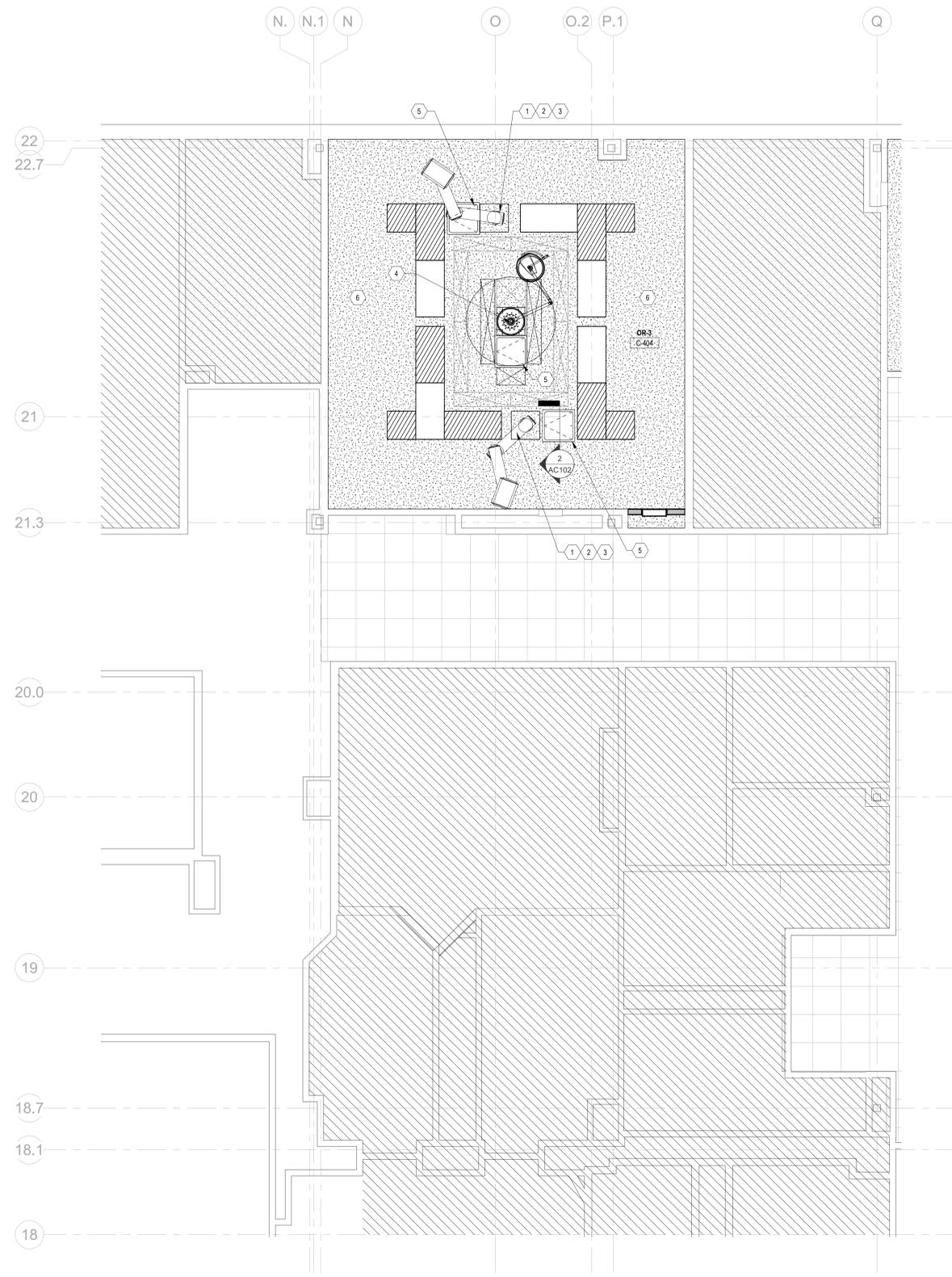
Drawing Title: FOURTH FLOOR PLAN OR 1 AND 2
Approved: Owner

Phase: BID DOCUMENTS
FULLY SPRINKLERED

Project Title: REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS
Location: LOUISVILLE, KENTUCKY
Issue Date: 11/15/2022
Checked: JF/JV
Drawn: JF/JV

Project Number: 603-22-101
Building Number: 1
Drawing Number: AE101

A
B
C
D
E
F
T
 11/14/2022 4:49:21 PM
 11/14/2022 4:49:21 PM
 11/14/2022 4:49:21 PM



FOURTH FLOOR CEILING NEW WORK PLAN - OR-3
1/4" = 1'-0"

GENERAL REFLECTED CEILING PLAN NOTE

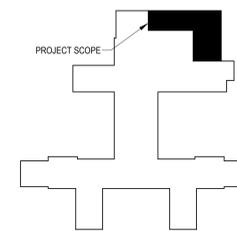
- A. INSTALL NEW GYPSUM PLASTER CEILING SYSTEM WHEREVER EXISTING PLASTER CEILINGS ARE REMOVED FOR DEMOLITION AND NEW WORK REFERENCED.
- B. MATCH EXISTING CEILING HEIGHTS WITH NEW (REPLACED) GYPSUM PLASTER CEILINGS REFERENCED.
- C. PAINT ENTIRE CEILING OF EACH OPERATING ROOM UPON COMPLETION OF NEW WORK.
- D. MODIFICATIONS TO EXISTING SPRINKLER BRANCH PIPING MAY BE REQUIRED TO FACILITATE DEMOLITION OR INSTALLATION OF WORK SHOWN.
- E. MODIFICATIONS TO EXISTING SUPPLY AND RETURN DUCTWORK (ABOVE CEILING) WILL BE REQUIRED TO FACILITATE DEMOLITION AND/OR INSTALLATION OF NEW WORK SHOWN.
- F. REINSTALL ANY EXISTING CEILING MOUNTED FIXTURES, EQUIPMENT OR MECHANICAL DEVICES THAT WERE TEMPORARILY REMOVED TO FACILITATE DEMOLITION AND NEW WORK SHOWN.
- G. COORDINATE THE INSTALLATION OF ANESTHESIA BOOMS BY STERIS.
- H. CONTRACTOR TO MOVE SPRINKLER HEADS AS NEEDED TO ACCOMMODATE THE NEW CEILING LAYOUT.

DRAWING NOTES:

- 1 NEW STERIS ANESTHESIA BOOM LOCATION. STERIS WILL INSTALL ANESTHESIA BOOMS. CONTRACTOR TO COORDINATE WITH STERIS THEIR INSTALLATION OF NEW BOOMS.
- 2 PROVIDE NEW STRUCTURAL SUPPORT FOR ANESTHESIA BOOM LOCATED ABOVE CEILING. REFER TO STRUCTURAL PLANS AND SPECIFICATION.
- 3 STRUCTURAL MOUNTING PLATE IS PROVIDED BY STERIS. INSTALLED BY CONTRACTOR, COORDINATE WITH STERIS INSTALLATION DRAWINGS INCLUDED WITH PROJECT SPECIFICATION.
- 4 EXISTING SURGICAL LIGHT OPERATING ROOM EQUIPMENT BOOM. PROTECT AS REQUIRED DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
- 5 NEW 24" X 24" CEILING ACCESS DOOR. (REFER TO PROJECT SPECIFICATION).
- 6 GYPSUM BOARD CEILING

REFLECTED CEILING PLAN LEGEND

- GYPSUM BOARD CEILING
- DIFFUSER (REFER TO MECH. DRAWINGS)
- 2' x 4' FIXTURE (REFER TO ELEC. DRAWINGS)
- 2' x 4' FIXTURE. DIAGONAL FILL INDICATES FIXTURE ON CRITICAL CIRCUIT, (REFER TO ELEC. DRAWINGS)
- ACCESS DOOR
- EXIT SIGN



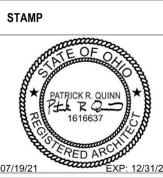
KEY PLAN - FOURTH FLOOR
NTS

BID DOCUMENTS		11/15/2022
No.	Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE Engineering & Architecture
www.ffeinc.us | 519.522.0956



ROBLEY REX VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title
FOURTH FLOOR REFLECTED CEILING PLAN OR 3

Approved: Owner

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS

Location
LOUISVILLE, KENTUCKY

Issue Date
11/15/2022

Checked
PQ

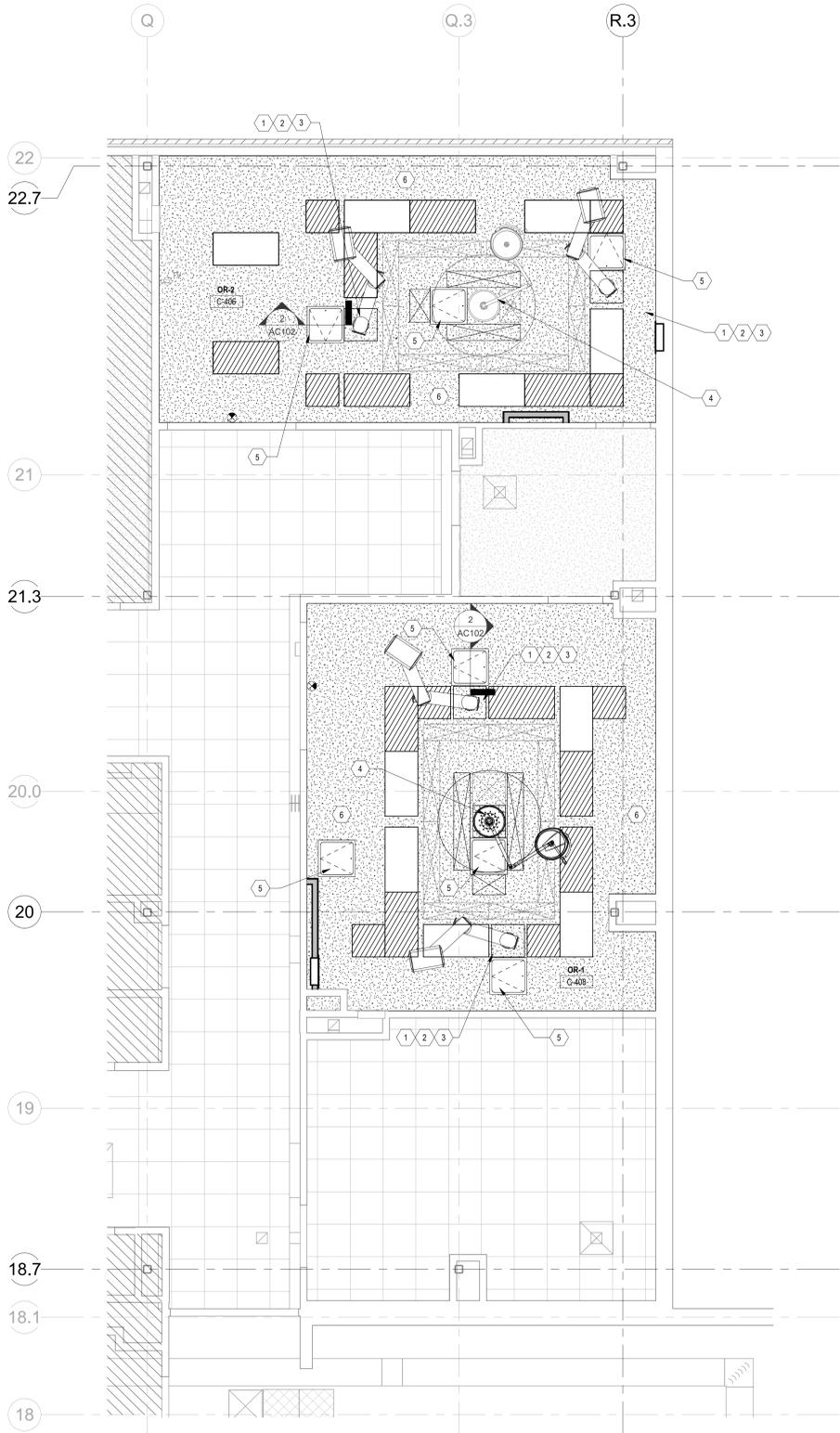
Drawn
JFJV

Project Number
603-22-101

Building Number
1

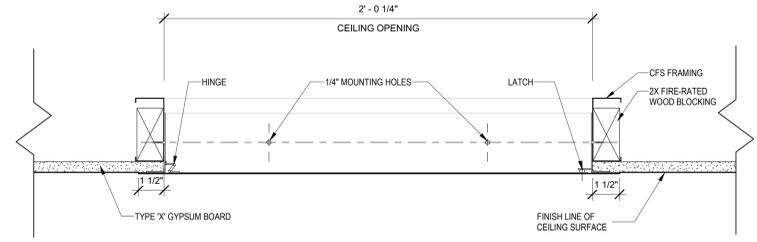
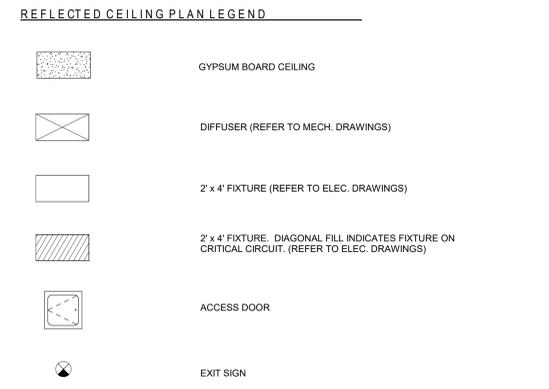
Drawing Number
AC101

A
B
C
D
E
F



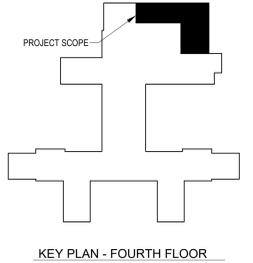
- GENERAL REFLECTED CEILING PLAN NOTE**
- A. INSTALL NEW GYPSUM PLASTER CEILING SYSTEM WHEREVER EXISTING PLASTER CEILINGS ARE REMOVED FOR DEMOLITION AND NEW WORK REFERENCED.
 - B. MATCH EXISTING CEILING HEIGHTS WITH NEW (REPLACED) GYPSUM PLASTER CEILINGS REFERENCED.
 - C. PAINT ENTIRE CEILING OF EACH OPERATING ROOM UPON COMPLETION OF NEW WORK.
 - D. MODIFICATIONS TO EXISTING SPRINKLER BRANCH PIPING MAY BE REQUIRED TO FACILITATE DEMOLITION OR INSTALLATION OF WORK SHOWN.
 - E. MODIFICATIONS TO EXISTING SUPPLY AND RETURN DUCTWORK (ABOVE CEILING) WILL BE REQUIRED TO FACILITATE DEMOLITION AND/OR INSTALLATION OF NEW WORK SHOWN.
 - F. REINSTALL ANY EXISTING CEILING MOUNTED FIXTURES, EQUIPMENT OR MECHANICAL DEVICES THAT WERE TEMPORARILY REMOVED TO FACILITATE DEMOLITION AND NEW WORK SHOWN.
 - G. COORDINATE THE INSTALLATION OF ANESTHESIA BOOMS BY STERIS.
 - H. CONTRACTOR TO MOVE SPRINKLER HEADS AS NEEDED TO ACCOMMODATE THE NEW CEILING LAYOUT.

- DRAWING NOTES:**
- 1 NEW STERIS ANESTHESIA BOOM LOCATION. STERIS WILL INSTALL ANESTHESIA BOOMS. CONTRACTOR TO COORDINATE WITH STERIS THEIR INSTALLATION OF NEW BOOMS.
 - 2 PROVIDE NEW STRUCTURAL SUPPORT FOR ANESTHESIA BOOM LOCATED ABOVE CEILING. REFER TO STRUCTURAL PLANS AND SPECIFICATION.
 - 3 STRUCTURAL MOUNTING PLATE IS PROVIDED BY STERIS. INSTALLED BY CONTRACTOR, COORDINATE WITH STERIS INSTALLATION DRAWINGS INCLUDED WITH PROJECT SPECIFICATION.
 - 4 EXISTING SURGICAL LIGHT OPERATING ROOM EQUIPMENT BOOM. PROTECT AS REQUIRED DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
 - 5 NEW 24" X 24" CEILING ACCESS DOOR. (REFER TO PROJECT SPECIFICATION).
 - 6 GYPSUM BOARD CEILING



SECTION DETAIL - ACCESS PANEL
3" = 1'-0"

FOURTH FLOOR CEILING NEW WORK PLAN - OR-1 AND OR-2
1/4" = 1'-0"

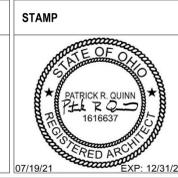


BID DOCUMENTS		11/15/2022
No.	Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE Engineering & Architecture
www.ffeinc.us | 519.529.0956



ROBLEY REX VA MEDICAL CENTER
U.S. Department of Veterans Affairs

Drawing Title
FOURTH FLOOR REFLECTED CEILING PLAN OR 1 AND 2

Approved: Owner

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS

Location
LOUISVILLE, KENTUCKY

Issue Date
11/15/2022

Checked
PQ

Drawn
JFJV

Project Number
603-22-101

Building Number
1

Drawing Number
AC102

FIRE SPRINKLER HAZARD SCHEDULE						
CLASSIFICATION	CRITERIA	HOSE	DURATION	SPRINKLER	SPRINKLER DENSITY	NOTES
LIGHT HAZARD	0.10 GPM/SF OVER 1500 SF	100 GPM	30 MIN	QR: K = 5.6 OR K = 8.0	1 SPRINKLER PER 225 SF	BASE AREA

GENERAL NOTES:

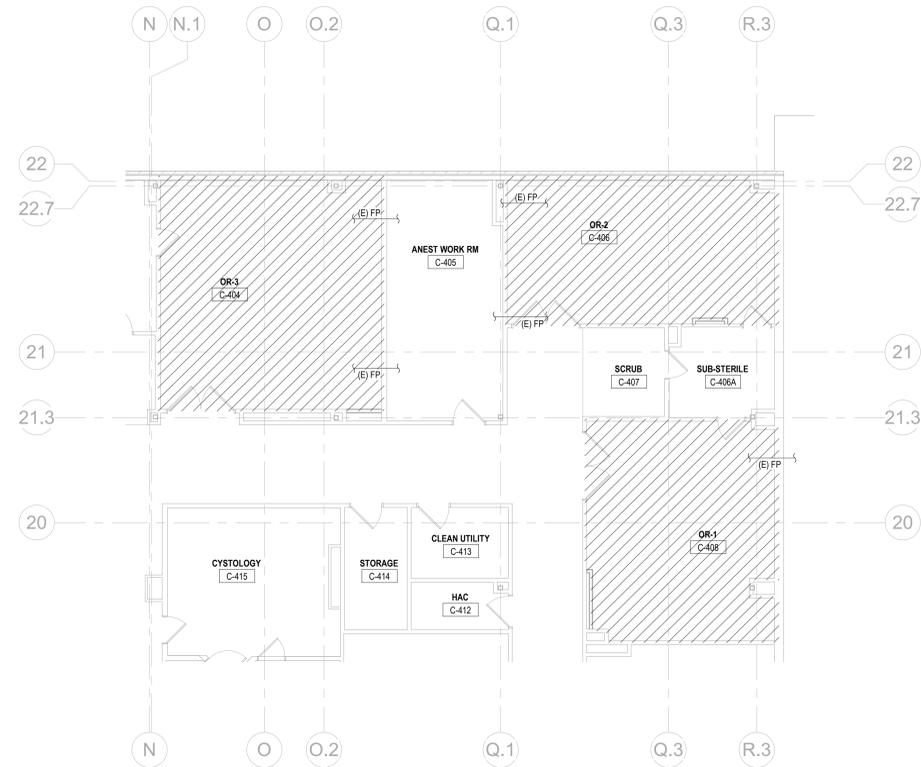
- A. PROVIDE COMPLETE AUTOMATIC FIRE SPRINKLER SYSTEMS IN ACCORDANCE WITH NFPA 13 AND VA FIRE PROTECTION MANUAL. THE AREA RENOVATED IS CURRENTLY PROTECTED WITH AUTOMATIC FIRE SPRINKLERS. REWORK SPRINKLER HEADS AND PIPING IN OPERATING ROOMS AS NECESSARY TO ACCOMMODATE NEW CEILING LAYOUT.
- B. CONTRACTOR SHALL BRING TO THE ATTENTION OF THE COR IN WRITING ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONDITIONS SHOWN ON DRAWING THAT MAY IMPACT THE PROGRESS OF WORK.
- C. INSTALL SPRINKLER SYSTEM OVER AND UNDER DUCTS, PIPING, AND PLATFORMS WHEN SUCH EQUIPMENT CAN NEGATIVELY EFFECT OR DISRUPT THE SPRINKLER DISCHARGE PATTERN AND COVERAGE.
- D. FURNISH PIPING OFFSETS, FITTINGS, AND ANY OTHER ACCESSORIES AS REQUIRED TO PROVIDE A COMPLETE INSTALLATION AND TO ELIMINATE INTERFERENCE WITH OTHER CONSTRUCTION.
- E. PIPE SIZES SHALL BE DETERMINED BY HYDRAULIC CALCULATION.
- F. COMPLETELY COORDINATE WITH STRUCTURAL, ARCHITECTURAL, AND ALL OTHER TRADES' EQUIPMENT, SPRINKLERS, AND PIPING SHOWN ON THESE PLANS IS TO CONVEY DESIGN INTENT AND DOES NOT DICTATE THE MEANS AND METHODS OF IMPLEMENTATION. ADHERE TO ALL HAZARD CLASSIFICATIONS SHOWN.
- G. REFER TO ARCHITECTURAL AND FIRE ALARM DRAWINGS FOR FIRE RATED WALLS, SMOKE PARTITIONS, AND FIRE EXTINGUISHER CABINETS.
- H. CONTRACTOR TO CONDUCT FIRE WATER FLOW TEST AND SUBMIT RESULTS AND SPRINKLER DESIGN.
- I. TURN UP EXISTING SPRINKLER HEADS AFTER REMOVAL OF CEILING. INSTALL NEW SPRINKLER HEADS AND NECESSARY BRANCH PIPING FOR NEW CEILING.

FIRE HAZARD CLASSIFICATION:

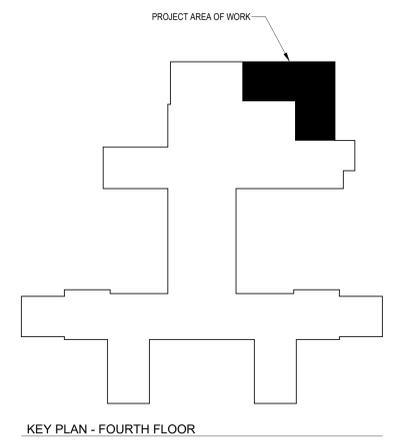


LEGEND:

- (E) EXISTING TO REMAIN
- FP FIRE PROTECTION PIPING - WET
- GPM GALLONS PER MINUTE
- MIN MINUTES
- QR QUICK RESPONSE
- SF SQUARE FEET



PLUMBING FOURTH FLOOR FIRE SUPPRESSION PLAN
1/8" = 1'-0"



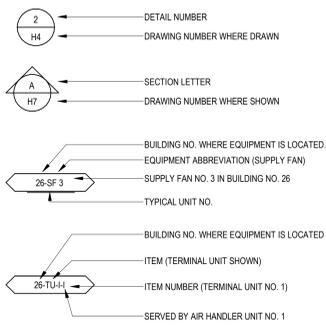
11/15/2022 4:03:40 PM
 Autodesk Docs: Louisville VA - Replace OR Anesthesia Supply Heads/FPE Louisville - Replace OR Anesthesia_B1_MEP (2022).vt
 11/15/2022 4:03:40 PM

BID DOCUMENTS No. Revisions:	11/15/2022 Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD FFE Engineering & Architecture www.ffeinc.us 519.522.0956	STAMP GREGORY J. PEARSON E-30867 PROFESSIONAL ENGINEER 11/15/2022	ROBLEY REX VA MEDICAL CENTER VA U.S. Department of Veterans Affairs	Drawing Title FIRE SUPPRESSION FOURTH FLOOR PLAN Approved: Owner	Phase BID DOCUMENTS FULLY SPRINKLERED	Project Title REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS T-691	Project Number 603-22-101 Building Number 1 Drawing Number FX101
	VA FORM 08 - 6231								

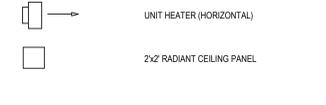
ABBREVIATIONS

Table of abbreviations including Architect/Engineer, HVAC, electrical, and mechanical symbols and their full names.

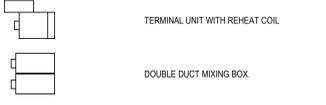
DRAWING SYMBOLS



TERMINAL UNIT SYMBOLS



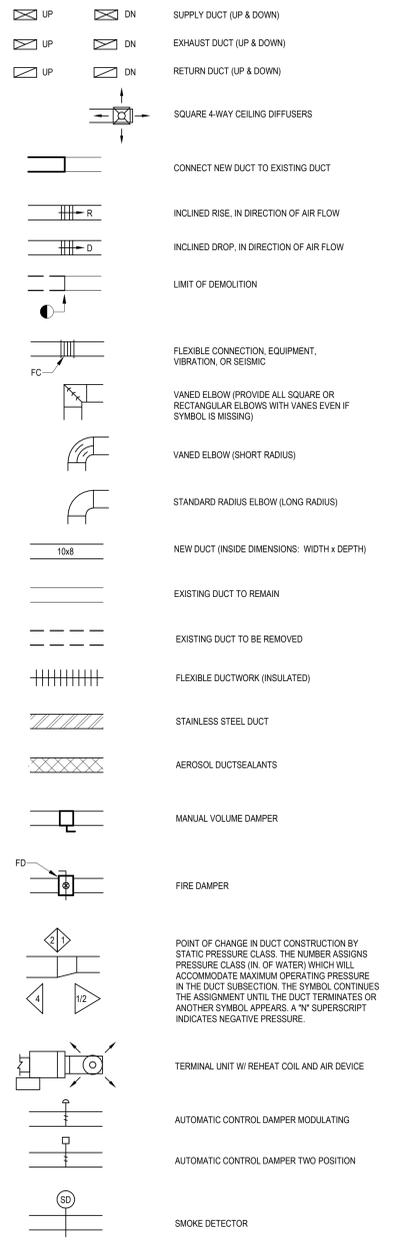
AIR TERMINAL SYMBOLS



GENERAL SYMBOLS



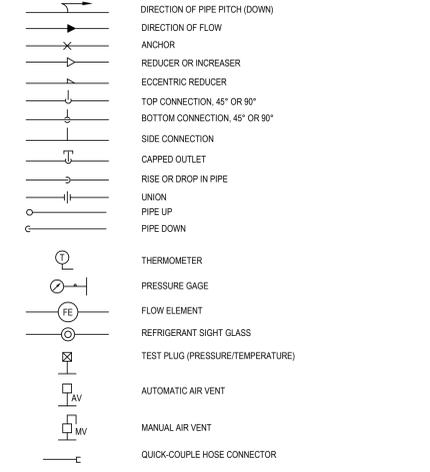
DUCTWORK SYMBOLS



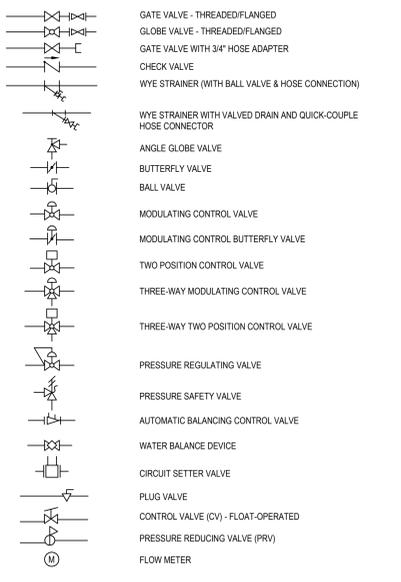
PIPING SYMBOLS



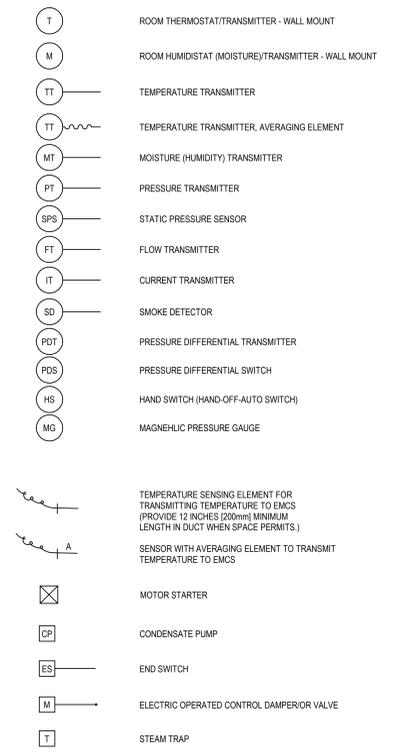
GENERAL PIPING SYMBOLS



VALVE SYMBOLS



CONTROLS SYMBOLS



NOTE: ALL SYMBOLS AND ABBREVIATIONS ARE SUBJECT TO MODIFICATIONS ON OTHER DRAWINGS. ALL SYMBOLS OR ABBREVIATIONS MIGHT NOT NECESSARILY BE USED ON THIS PROJECT.

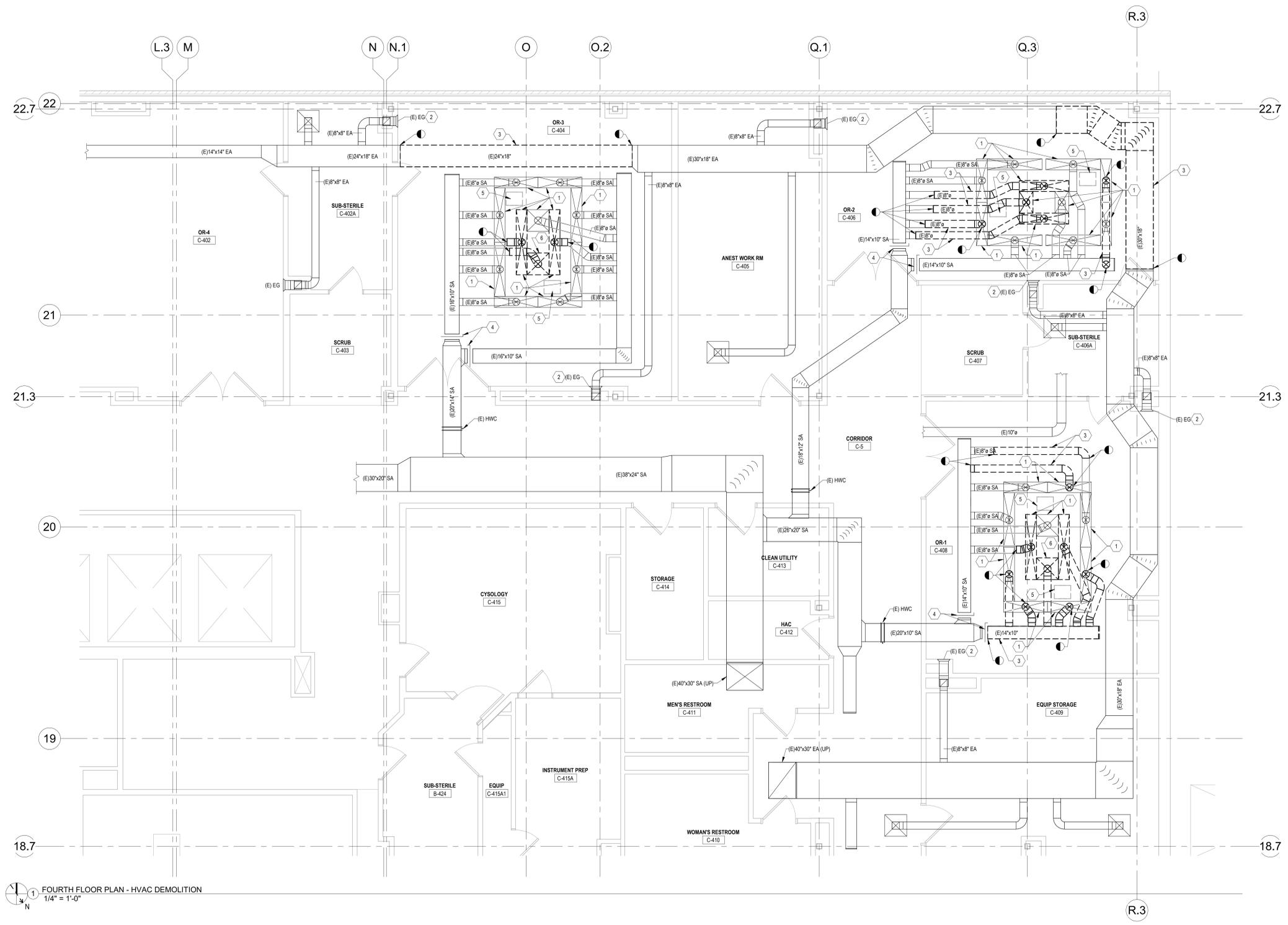
Project information block including Consultant (FFE Engineering & Architecture), Architect/Engineer of Record (Robley Rex VA Medical Center), Drawing Title (Mechanical Legend), Project Title (Replace or 1-3 Anesthesia Supply Heads), and Project Number (603-22-101).

GENERAL NOTES:

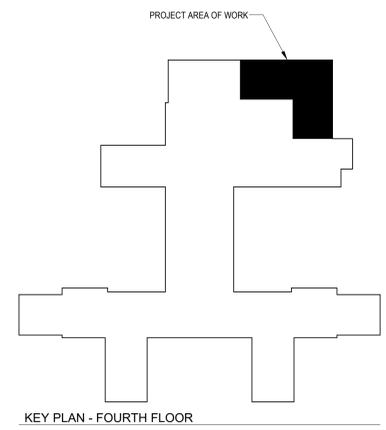
A. AT BEGINNING OF EACH PHASE TEST AND BALANCING CONTRACTOR SHALL MEASURE SPACE AIRFLOW AT EACH DIFFUSER AND EXHAUST RETURN GRILLE. PRECONSTRUCTION TAB REPORT SHALL BE SENT TO COR FOR RECORD OF WORK BEING PERFORMED.

DRAWING NOTES:

- EXISTING DIFFUSERS TO BE CLEANED AND STORED FOR REINSTALL IN NEW WORK.
- COVER GRILLE WITH PLASTIC TO KEEP DEBRIS FROM ENTERING SYSTEM WHILE WORK IS BEING PERFORMED IN ROOM.
- DEMOLISH DUCT TO ROUTE AROUND NEW MEDICAL GAS BOOM.
- SHUTOFF SUPPLY AIRFLOW TO OR DURING PHASE OF CONSTRUCTION.
- REFER TO OTHER DISCIPLINES FOR REMOVAL OF ANESTHESIA COLUMN.
- REMOVE DIFFUSER FOR REPLACEMENT WITH NEW DIFFUSER. (REFER TO MECHANICAL DRAWINGS)



FOURTH FLOOR PLAN - HVAC DEMOLITION
1/4" = 1'-0"



11/14/2022 2:47:36 PM
 Autodesk Docs: Louisville VA - Replace OR Anesthesia Supply Heads/PE Louisville - Replace OR Anesthesia BT MEP (2022).vt
 F

BID DOCUMENTS		11/15/2022
No. Revisions:	Date:	

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE Engineering & Architecture
www.ffeinc.us | 519.522.0956



ROBLEY REX VA MEDICAL CENTER
U.S. Department of Veterans Affairs

Drawing Title
MECHANICAL FOURTH FLOOR DEMOLITION

Approved: Owner

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS

Location
LOUISVILLE, KENTUCKY

Issue Date
11/15/2022

Checked
KF

Drawn
KG

Project Number
603-22-101

Building Number
1

Drawing Number
MD104

A

B

C

D

E

A

B

C

D

E

11/14/2022 3:50:10 PM

Autodesk Docs: Louisville VA - Replace OR Anesthesia Supply Heads/PE Louisville - Replace OR Anesthesia BT MEP (2022).rvt

<h3 style="text-align: center;">FIRE ALARM</h3> <ul style="list-style-type: none">  FIRE ALARM STROBE  FIRE ALARM SENDING STATION  FIRE ALARM SPEAKER/STROBE  FIRE ALARM SPEAKER/STROBE CEILING MOUNTED  COMBINATION HORN/STROBE WITH SENDING STATION  SMOKE DETECTOR 	<h3 style="text-align: center;">LIGHTING</h3> <ul style="list-style-type: none">  1 x 4 FIXTURE. UPPERCASE INDICATES TYPE PER THE FIXTURE SCHEDULE LOWER CASE LETTER "a" INDICATES SWITCH ZONE.  2 x 4 FIXTURE.  2 x 2 FIXTURE.  WALL MOUNTED FIXTURE.  INDUSTRIAL FIXTURE.  WALL MOUNTED FIXTURE.  RECESSED FIXTURE, DOWNLIGHT  EXIT SIGN WITH DIRECTIONAL ARROWS AS INDICATED  20 AMP, 125 VOLT SINGLE-POLE TOGGLE SWITCH MOUNTED 42" AFF.  a - CONTROLS LIGHTS WITH "a" DESIGNATION  WALL MOUNTED OCCUPANCY SENSOR WITH OVERRIDE SWITCH  20A, 125V DIMMER SWITCH MOUNTED 42" AFF  CEILING MOUNTED OCCUPANCY SENSOR  LIGHTING CONTROLLER 	<h3 style="text-align: center;">WIRING</h3> <ul style="list-style-type: none">  UNDERGROUND  CONCEALED OR OPEN  FLEXIBLE CONDUIT CONNECTION 																																																																																																		
<h3 style="text-align: center;">DATA/TELEPHONE</h3> <ul style="list-style-type: none">  2 DATA/TELEPHONE OUTLET. PROVIDE (2) CAT 6a CABLES WITHIN CONDUIT OR OTHER APPROVED RACEWAY FROM OUTLET TO NEAREST IT CLOSET OR CABLE TRAY. SUBSCRIPT INDICATES # OF DATA CABLES. 	<h3 style="text-align: center;">SECURITY / ACCESS CONTROL</h3> <ul style="list-style-type: none">  HANDICAP DOOR MOTOR  HANDICAP DOOR OPERATOR  ELECTRIC LATCH  PUSHBUTTON  WIRELESS ACCESS POINT  MOTION DETECTOR  KEY PAD  KEY PAD / CARD READER 	<h3 style="text-align: center;">POWER</h3> <ul style="list-style-type: none">  FLUSH FLOOR MOUNTED NEMA 5-20 DUPLEX RECEPTACLE UNLESS NOTED OTHERWISE  FLUSH FLOOR MOUNTED NEMA 5-20 QUAD RECEPTACLE UNLESS NOTED OTHERWISE  NEMA 5-20 DUPLEX RECEPTACLE MOUNTED 18" AFF UNLESS NOTED OTHERWISE.  SUBSCRIPT: WP - WEATHERPROOF, GF - GROUND FAULT CIRCUIT INTERRUPTER  NEMA 5-20 DOUBLE DUPLEX RECEPTACLE MOUNTED 18" AFF UNLESS NOTED OTHERWISE.  NEMA 5-20 DUPLEX RECEPTACLE MOUNTED 44" AFF UNLESS NOTED OTHERWISE.  RECEPTACLE, (NEMA CONFIGURATION AS NOTED)  NEMA 5-20 DOUBLE DUPLEX RECEPTACLE MOUNTED 44" AFF UNLESS NOTED OTHERWISE.  NEMA 5-20 DUPLEX SPLIT RECEPTACLE MOUNTED 18" AFF UNLESS NOTED OTHERWISE.  NEMA 5-20 SIMPLEX RECEPTACLE MOUNTED 18" AFF UNLESS NOTED OTHERWISE.  JUNCTION BOX  POWER CONNECTION  MOTOR  NON-FUSED DISCONNECT SWITCH. SIZE AS SHOWN  FUSED DISCONNECT SWITCH. SIZE FUSES FOR EQUIPMENT BASED ON MANUFACTURERS RECOMMENDATIONS  SURFACE MOUNTED PANELBOARD OR AUTOMATIC TRANSFER SWITCH AS INDICATED.  RECESSED MOUNTED PANELBOARD 																																																																																																		
<h3 style="text-align: center;">EMERGENCY LIGHT</h3> <ul style="list-style-type: none">  2 x 4 FIXTURE. SOLID FILL INDICATES FIXTURE ON LIFE SAFETY OR EMERGENCY CIRCUIT. (WHERE GENERATOR POWER IS NOT AVAILABLE PROVIDE A UNIT BATTERY AT 1400 LM)  2 x 4 FIXTURE. DIAGONAL FILL INDICATES FIXTURE ON CRITICAL CIRCUIT. 																																																																																																				
<h3 style="text-align: center;">ABBREVIATIONS</h3> <table border="0"> <tr><td>A</td><td>AMPERE</td></tr> <tr><td>AC</td><td>ABOVE COUNTER, 42" AFF UNLESS OTHERWISE INDICATED</td></tr> <tr><td>ADA</td><td>AMERICANS WITH DISABILITIES ACT</td></tr> <tr><td>AFF</td><td>ABOVE FINISHED FLOOR - TO BOTTOM</td></tr> <tr><td>AL</td><td>ALUMINUM</td></tr> <tr><td>1C</td><td>ONE CONDUCTOR</td></tr> <tr><td>C</td><td>CONDUIT</td></tr> <tr><td>CB</td><td>CIRCUIT BREAKER</td></tr> <tr><td>CKT</td><td>CIRCUIT</td></tr> <tr><td>CU</td><td>COPPER</td></tr> <tr><td>(E)</td><td>EXISTING TO REMAIN</td></tr> <tr><td>EF</td><td>EXHAUST FAN</td></tr> <tr><td>EMT</td><td>ELECTRICAL METALLIC TUBING</td></tr> <tr><td>EWC</td><td>ELECTRIC WATER COOLER</td></tr> <tr><td>FACP</td><td>FIRE ALARM CONTROL PANEL</td></tr> <tr><td>FM</td><td>FREQUENCY MODULATION</td></tr> <tr><td>GFI</td><td>GROUND FAULT CIRCUIT INTERRUPTER</td></tr> <tr><td>GFP</td><td>GROUND FAULT PROTECTION</td></tr> <tr><td>HACR</td><td>HEATING AIR CONDITIONING REFRIGERATION</td></tr> <tr><td>HP</td><td>HORSEPOWER</td></tr> <tr><td>HPS</td><td>HIGH PRESSURE SODIUM</td></tr> <tr><td>HT</td><td>HEIGHT</td></tr> <tr><td>HZ</td><td>HERTZ</td></tr> <tr><td>IDS</td><td>INTRUSION DETECTION SYSTEM</td></tr> <tr><td>J</td><td>JUNCTION BOX</td></tr> <tr><td>KWH</td><td>KILOWATT HOUR</td></tr> <tr><td>LED</td><td>LIGHT EMITTING DIODE</td></tr> <tr><td>MCB</td><td>MAIN CIRCUIT BREAKER</td></tr> <tr><td>MH</td><td>MOUNTING HEIGHT - TO CENTER</td></tr> <tr><td>MLO</td><td>MAIN LUGS ONLY</td></tr> <tr><td>MTD</td><td>MOUNTED</td></tr> <tr><td>NEC</td><td>NATIONAL ELECTRICAL CODE</td></tr> <tr><td>NF</td><td>NON FUSED</td></tr> <tr><td>NO</td><td>NUMBER</td></tr> <tr><td>OS</td><td>OCCUPANCY SENSOR</td></tr> <tr><td>PH</td><td>PHASE</td></tr> <tr><td>PIR</td><td>PASSIVE INFRARED</td></tr> <tr><td>RGS</td><td>RIGID GALVANIZED STEEL</td></tr> <tr><td>SM</td><td>SINGLE MODE</td></tr> <tr><td>SPD</td><td>SURGE PROTECTIVE DEVICE</td></tr> <tr><td>T1B</td><td>TELEPHONE TERMINAL BOARD</td></tr> <tr><td>TV</td><td>TELEVISION</td></tr> <tr><td>UNO</td><td>UNLESS NOTED OTHERWISE</td></tr> <tr><td>V</td><td>VOLT</td></tr> <tr><td>VIA</td><td>VOL TAMPERE</td></tr> <tr><td>VVD</td><td>VARIABLE VOLUME DAMPER</td></tr> <tr><td>W</td><td>WATTS</td></tr> <tr><td>WP</td><td>WEATHERPROOF</td></tr> <tr><td>XMR</td><td>TRANSFORMER</td></tr> </table>			A	AMPERE	AC	ABOVE COUNTER, 42" AFF UNLESS OTHERWISE INDICATED	ADA	AMERICANS WITH DISABILITIES ACT	AFF	ABOVE FINISHED FLOOR - TO BOTTOM	AL	ALUMINUM	1C	ONE CONDUCTOR	C	CONDUIT	CB	CIRCUIT BREAKER	CKT	CIRCUIT	CU	COPPER	(E)	EXISTING TO REMAIN	EF	EXHAUST FAN	EMT	ELECTRICAL METALLIC TUBING	EWC	ELECTRIC WATER COOLER	FACP	FIRE ALARM CONTROL PANEL	FM	FREQUENCY MODULATION	GFI	GROUND FAULT CIRCUIT INTERRUPTER	GFP	GROUND FAULT PROTECTION	HACR	HEATING AIR CONDITIONING REFRIGERATION	HP	HORSEPOWER	HPS	HIGH PRESSURE SODIUM	HT	HEIGHT	HZ	HERTZ	IDS	INTRUSION DETECTION SYSTEM	J	JUNCTION BOX	KWH	KILOWATT HOUR	LED	LIGHT EMITTING DIODE	MCB	MAIN CIRCUIT BREAKER	MH	MOUNTING HEIGHT - TO CENTER	MLO	MAIN LUGS ONLY	MTD	MOUNTED	NEC	NATIONAL ELECTRICAL CODE	NF	NON FUSED	NO	NUMBER	OS	OCCUPANCY SENSOR	PH	PHASE	PIR	PASSIVE INFRARED	RGS	RIGID GALVANIZED STEEL	SM	SINGLE MODE	SPD	SURGE PROTECTIVE DEVICE	T1B	TELEPHONE TERMINAL BOARD	TV	TELEVISION	UNO	UNLESS NOTED OTHERWISE	V	VOLT	VIA	VOL TAMPERE	VVD	VARIABLE VOLUME DAMPER	W	WATTS	WP	WEATHERPROOF	XMR	TRANSFORMER
A	AMPERE																																																																																																			
AC	ABOVE COUNTER, 42" AFF UNLESS OTHERWISE INDICATED																																																																																																			
ADA	AMERICANS WITH DISABILITIES ACT																																																																																																			
AFF	ABOVE FINISHED FLOOR - TO BOTTOM																																																																																																			
AL	ALUMINUM																																																																																																			
1C	ONE CONDUCTOR																																																																																																			
C	CONDUIT																																																																																																			
CB	CIRCUIT BREAKER																																																																																																			
CKT	CIRCUIT																																																																																																			
CU	COPPER																																																																																																			
(E)	EXISTING TO REMAIN																																																																																																			
EF	EXHAUST FAN																																																																																																			
EMT	ELECTRICAL METALLIC TUBING																																																																																																			
EWC	ELECTRIC WATER COOLER																																																																																																			
FACP	FIRE ALARM CONTROL PANEL																																																																																																			
FM	FREQUENCY MODULATION																																																																																																			
GFI	GROUND FAULT CIRCUIT INTERRUPTER																																																																																																			
GFP	GROUND FAULT PROTECTION																																																																																																			
HACR	HEATING AIR CONDITIONING REFRIGERATION																																																																																																			
HP	HORSEPOWER																																																																																																			
HPS	HIGH PRESSURE SODIUM																																																																																																			
HT	HEIGHT																																																																																																			
HZ	HERTZ																																																																																																			
IDS	INTRUSION DETECTION SYSTEM																																																																																																			
J	JUNCTION BOX																																																																																																			
KWH	KILOWATT HOUR																																																																																																			
LED	LIGHT EMITTING DIODE																																																																																																			
MCB	MAIN CIRCUIT BREAKER																																																																																																			
MH	MOUNTING HEIGHT - TO CENTER																																																																																																			
MLO	MAIN LUGS ONLY																																																																																																			
MTD	MOUNTED																																																																																																			
NEC	NATIONAL ELECTRICAL CODE																																																																																																			
NF	NON FUSED																																																																																																			
NO	NUMBER																																																																																																			
OS	OCCUPANCY SENSOR																																																																																																			
PH	PHASE																																																																																																			
PIR	PASSIVE INFRARED																																																																																																			
RGS	RIGID GALVANIZED STEEL																																																																																																			
SM	SINGLE MODE																																																																																																			
SPD	SURGE PROTECTIVE DEVICE																																																																																																			
T1B	TELEPHONE TERMINAL BOARD																																																																																																			
TV	TELEVISION																																																																																																			
UNO	UNLESS NOTED OTHERWISE																																																																																																			
V	VOLT																																																																																																			
VIA	VOL TAMPERE																																																																																																			
VVD	VARIABLE VOLUME DAMPER																																																																																																			
W	WATTS																																																																																																			
WP	WEATHERPROOF																																																																																																			
XMR	TRANSFORMER																																																																																																			

BID DOCUMENTS	11/15/2022				
No. Revisions:	Date:				

<p>CONSULTANT</p>

<p>ARCHITECT/ENGINEER OF RECORD</p>  <p>www.ffeinc.us 519.522.0956</p>

STAMP



11/15/2022

ROBLEY REX
VA MEDICAL
CENTER

VA U.S. Department
of Veterans Affairs

Drawing Title LEGEND AND ABBREVIATIONS	Phase BID DOCUMENTS
Approved: Owner	FULLY SPRINKLERED

Project Title REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS	Project Number 603-22-101
T-691	Building Number 1
Location LOUISVILLE, KENTUCKY	Drawing Number E001
Issue Date 11/15/2022	Checked JB
	Drawn IA

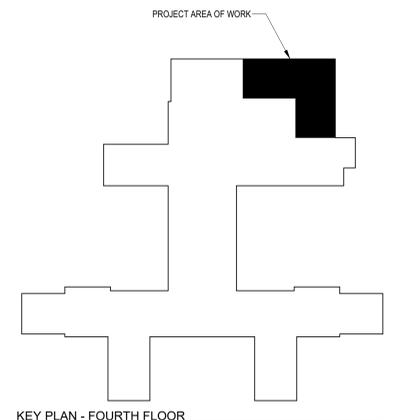
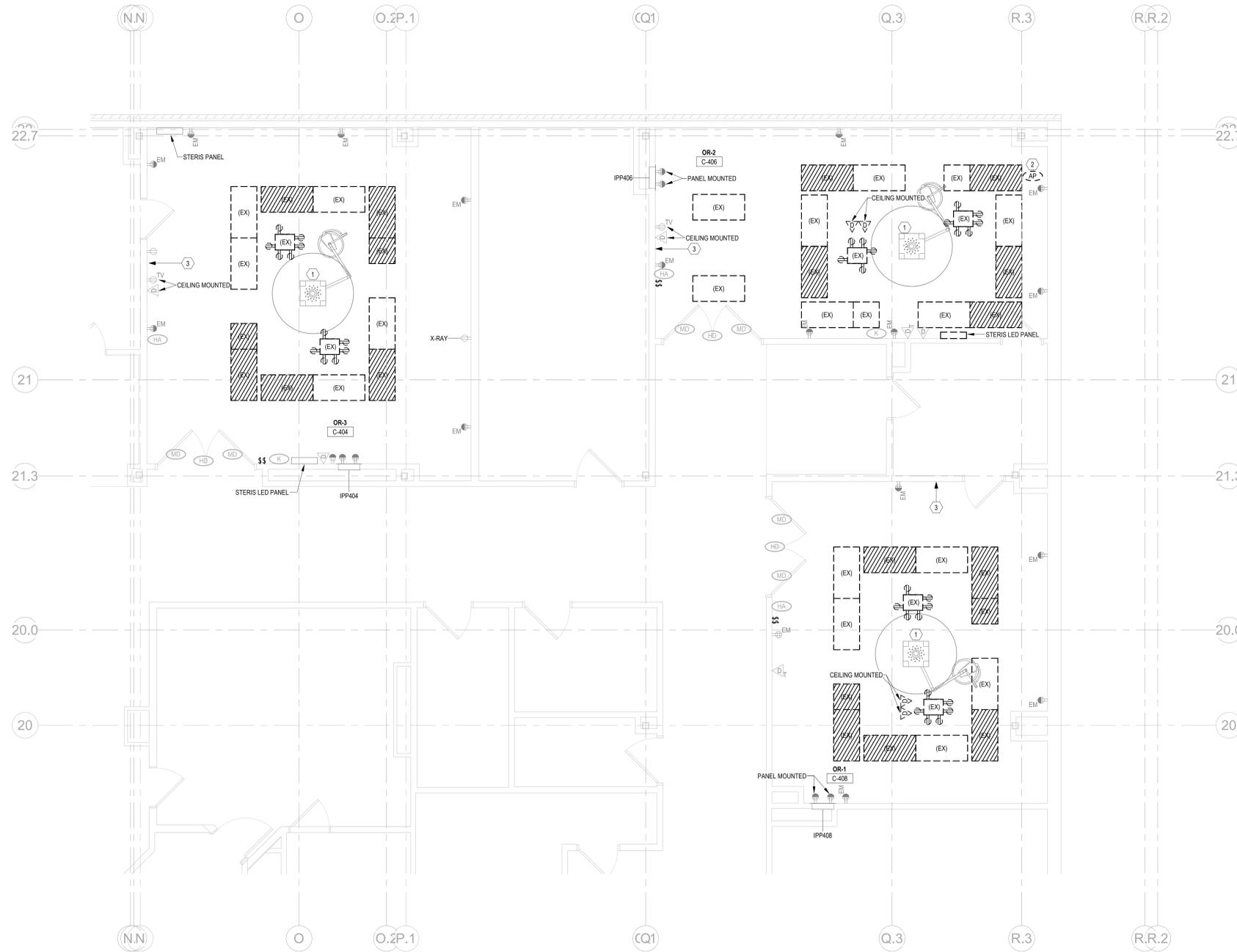
--	--	--	--	--	--

GENERAL NOTES

- A. DASHED SYMBOLS INDICATE DEVICES AND EQUIPMENT TO BE REMOVED, SOLID SYMBOLS INDICATE DEVICES TO REMAIN.
- B. COORDINATE EXACT EXTENT OF DEMOLITION WITH ARCHITECTURAL AND DIVISION 26, 27 & 28 DEMOLITION DRAWINGS.
- C. COORDINATE PHASING OF DEMOLITION AND CONSTRUCTION PER ARCHITECTURAL SHEETS.
- D. FOR ALL DEMOLISHED DEVICES, OUTLETS, CONDUIT, CABLING, PANELS, AND EQUIPMENT WITHIN AREAS OF DEMOLITION, REMOVE WIRING AND CONDUIT BACK TO SOURCE OR LAST POINT OF CONNECTION TO REMAIN, DISCONNECT AND CONTRACTOR TO STORE WIRELESS ACCESS POINTS AND REINSTALL IN SAME LOCATION.
- E. FOR ALL DEMOLISHED LIGHTING FIXTURES AND LIGHTING DEVICES WITHIN AREAS OF DEMOLITION, REMOVE WIRING AND CONDUIT BACK TO NEAREST LOCATION OUTSIDE OF NEW CONSTRUCTION, MAINTAIN EXISTING CIRCUITS FOR NEW WORK.
- F. EXISTING EQUIPMENT OUTSIDE OF SCOPE OF WORK BOUNDARIES SHALL BE MAINTAINED, RECONNECT ANY CIRCUITS CUT PASSING THROUGH DEMOLITION AREAS.
- G. MAINTAIN CIRCUIT CONTINUITY TO ALL EXISTING FIXTURES, OUTLETS, EQUIPMENT ETC. TO REMAIN IN USE WHETHER NOTED ON PLANS OR NOT. FIELD VERIFY EXISTING ITEMS TO REMAIN IN USE. RECONNECT RACEWAYS AND WIRING FOR EXISTING CIRCUITS WHICH MUST BE RE-ROUTED OR WHICH ARE PARTIALLY ABANDONED TO POWER THE REMAINING OUTLETS ON THE CIRCUIT.
- H. REMOVE ALL UNUSED WIRING AND CABLES BACK TO THEIR SOURCE, REMOVE ALL UNUSED CONDUIT THAT IS EXPOSED OR ABOVE ACCESSIBLE CEILING WHICH IS AFFECTED BY OR IS IN THE AREA OF DEMOLITION WORK.
- I. TAKE ALL REMOVED MATERIALS FROM THE PROJECT SITE, EXCEPT FOR THOSE TO BE RELOCATED STORED OR TURNED OVER TO THE GOVERNMENT.
- J. COORDINATE ALL DEMOLITION WORK WITH ALL OTHER TRADES.
- K. CONTRACTOR SHALL ANCHOR EXISTING CONDUIT NOT DEMOLISHED THAT IS RESTING ON THE CEILING GRID, ANCHOR TO THE ROOF FRAMING ABOVE.

DRAWING NOTES:

- 1. EXISTING O.R. LIGHT WITH BOOM TO REMAIN, COVER TO PROTECT DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
- 2. CONTRACTOR TO DEMOLISH AND STORE WIRELESS ACCESS POINT TO BE REINSTALLED DURING NEW CONSTRUCTION.
- 3. REMOVE AND DISPOSE X-RAY READING LIGHTS ORS 1, 2 AND 3. PAINT WALL.



KEY PLAN - FOURTH FLOOR

FOURTH FLOOR PLAN - ELECTRICAL DEMOLITION
1/4" = 1'-0"

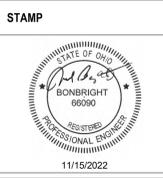
11/14/2022 3:50:16 PM
Autodesk Docs: Louisville VA - Replace OR Anesthesia Supply Heads/PE Louisville - Replace OR Anesthesia BT MEP (2022).vt

BID DOCUMENTS		11/15/2022
No.	Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE Engineering & Architecture
www.ffeinc.us | 519.522.0956



ROBLEY REX
VA MEDICAL
CENTER

VA U.S. Department of Veterans Affairs

Drawing Title
**ELECTRICAL FOURTH FLOOR
DEMOLITION**

Approved: Owner

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
**REPLACE OR 1-3 ANESTHESIA
SUPPLY HEADS**

Location
LOUISVILLE, KENTUCKY

Issue Date
11/15/2022

Checked
JB

Drawn
IA

Project Number
603-22-101

Building Number
1

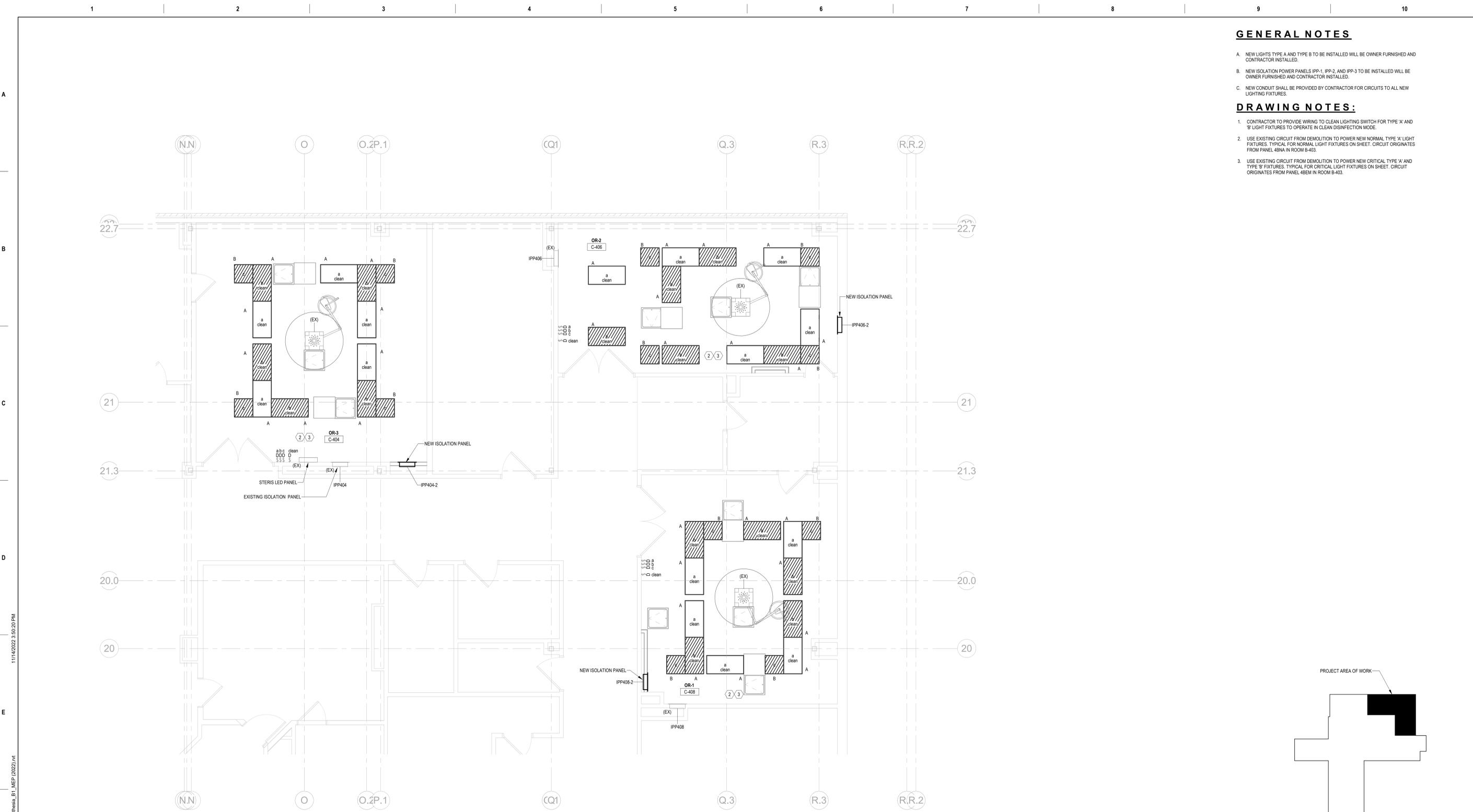
Drawing Number
ED104

GENERAL NOTES

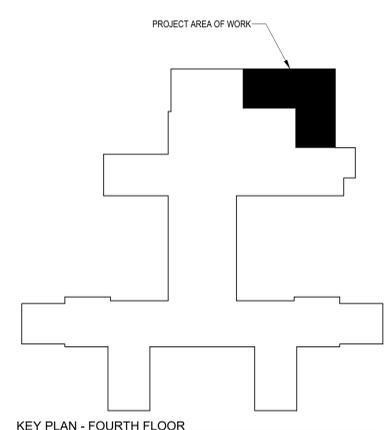
- A. NEW LIGHTS TYPE A AND TYPE B TO BE INSTALLED WILL BE OWNER FURNISHED AND CONTRACTOR INSTALLED.
- B. NEW ISOLATION POWER PANELS IPP-1, IPP-2, AND IPP-3 TO BE INSTALLED WILL BE OWNER FURNISHED AND CONTRACTOR INSTALLED.
- C. NEW CONDUIT SHALL BE PROVIDED BY CONTRACTOR FOR CIRCUITS TO ALL NEW LIGHTING FIXTURES.

DRAWING NOTES:

1. CONTRACTOR TO PROVIDE WIRING TO CLEAN LIGHTING SWITCH FOR TYPE 'A' AND 'B' LIGHT FIXTURES TO OPERATE IN CLEAN DISINFECTION MODE.
2. USE EXISTING CIRCUIT FROM DEMOLITION TO POWER NEW NORMAL TYPE 'A' LIGHT FIXTURES. TYPICAL FOR NORMAL LIGHT FIXTURES ON SHEET. CIRCUIT ORIGINATES FROM PANEL 4BNA IN ROOM B-403.
3. USE EXISTING CIRCUIT FROM DEMOLITION TO POWER NEW CRITICAL TYPE 'A' AND TYPE 'B' FIXTURES. TYPICAL FOR CRITICAL LIGHT FIXTURES ON SHEET. CIRCUIT ORIGINATES FROM PANEL 4BEM IN ROOM B-403.



1 FOURTH FLOOR PLAN - ELECTRICAL NEW WORK
1/4" = 1'-0"



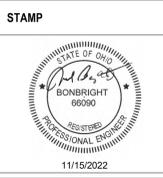
11/14/2022 3:50:20 PM
 Autodesk Docs: Louisville VA - Replace OR Anesthesia Supply Heads/IFE Louisville - Replace OR Anesthesia BT_MEP (2022).vt
 F

BID DOCUMENTS		11/15/2022
No.	Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE Engineering & Architecture
www.ffeinc.us | 519.522.0956



ROBLEY REX
VA MEDICAL
CENTER

VA U.S. Department of Veterans Affairs

Drawing Title
ELECTRICAL LIGHTING FOURTH FLOOR PLAN NEW WORK

Approved: Owner

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS

Location
LOUISVILLE, KENTUCKY

Issue Date
11/15/2022

Checked
JB

Drawn
IA

Project Number
603-22-101

Building Number
1

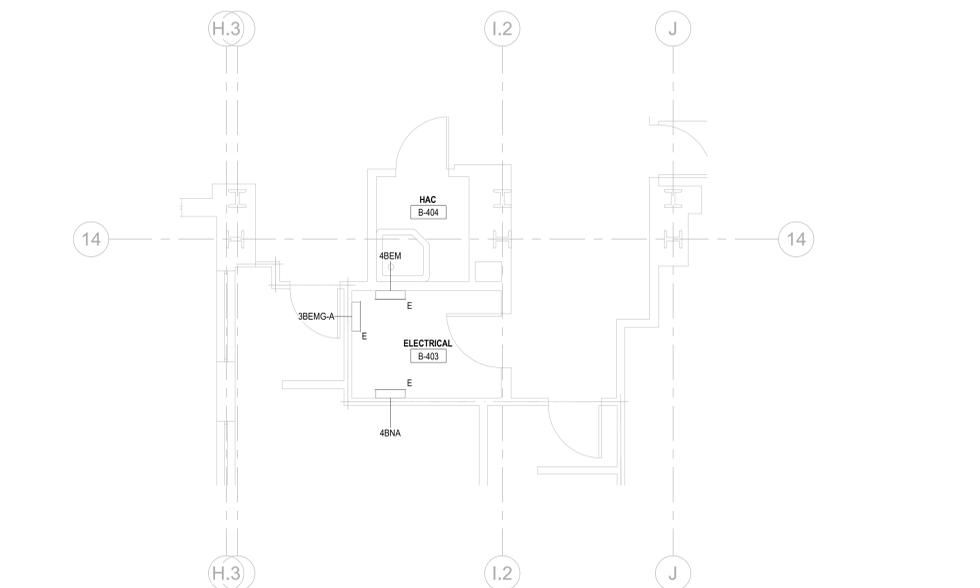
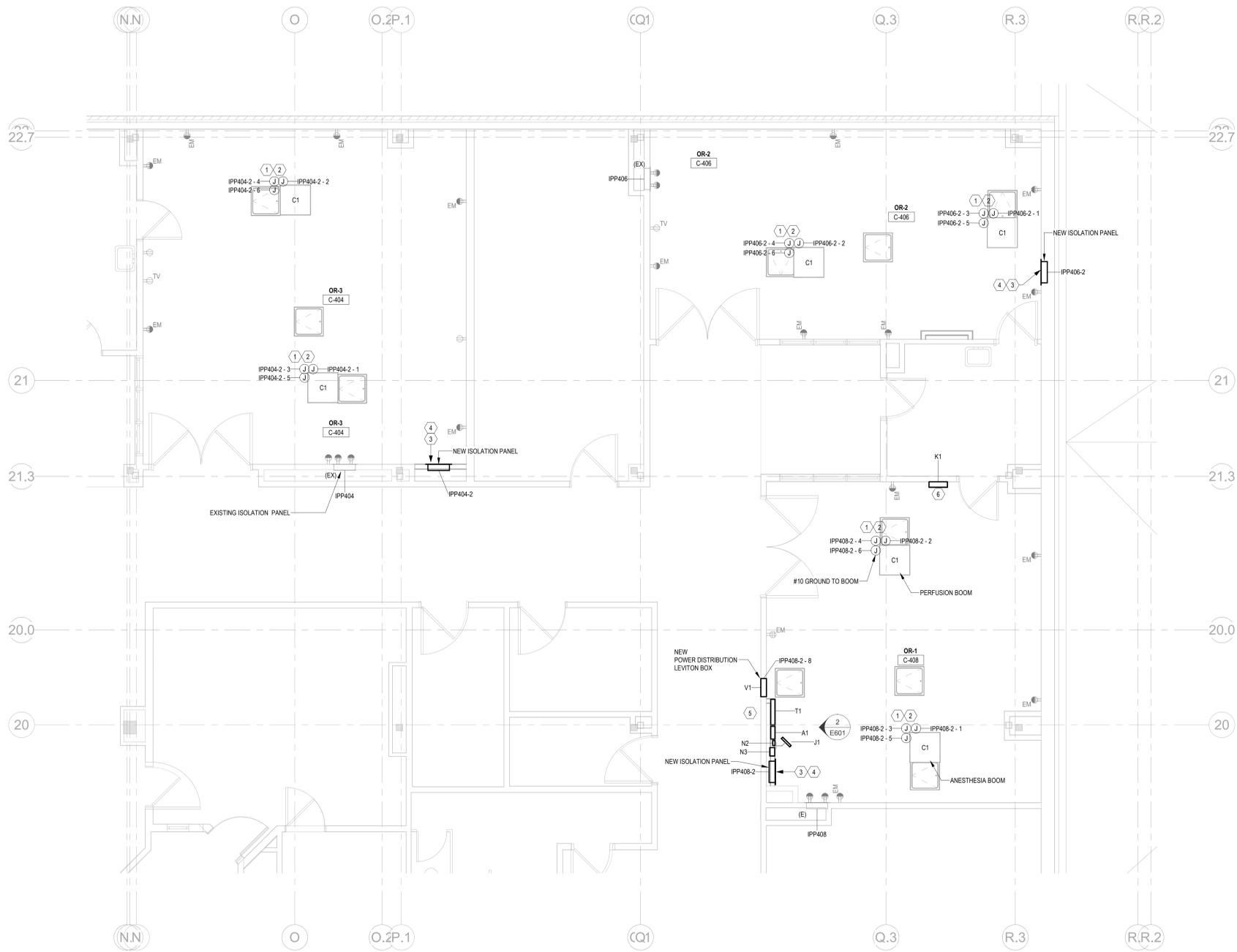
Drawing Number
EL104

GENERAL NOTES

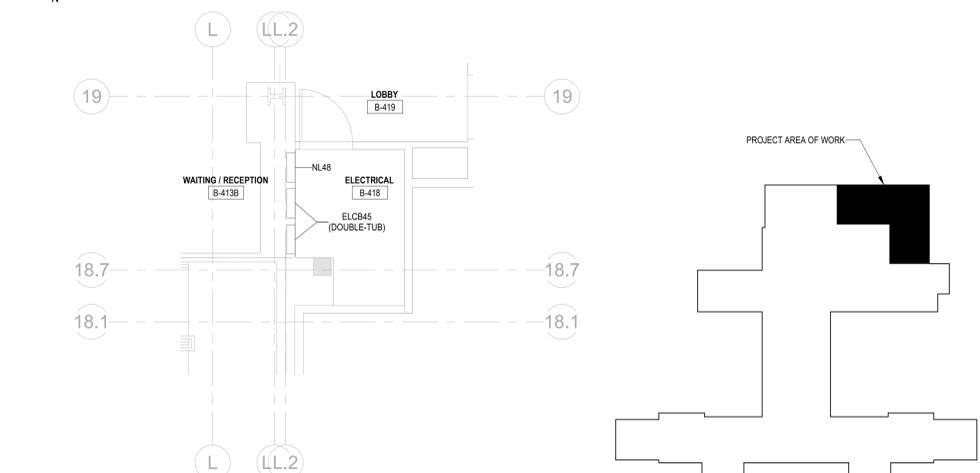
- A. CONTRACTOR TO FURNISH MONITOR ARM AND MOUNTING BRACKET FOR STERIS CONTROL MONITOR.
- B. NEW ISOLATION POWER PANELS (IPP-1, IPP-2, AND IPP-3 TO BE INSTALLED WILL BE OWNER FURNISHED AND CONTRACTOR INSTALLED.
- C. CONTRACTOR TO FURNISH BLOCKING IN WALL FOR MONITOR MOUNTING BRACKET.
- D. SEE IDENTIFICATION AND CLASSIFICATION OF THE FOLLOWING EQUIPMENT DETAILED ON SHEET E601: A1, C1, C2, J1, N2, N3, T1, V1.

DRAWING NOTES:

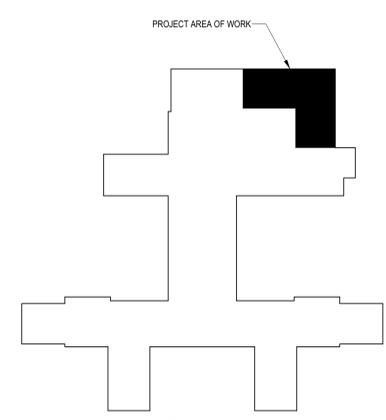
- 1. PROVIDE DEDICATED (3) 20A, 120V CIRCUITS IN STANDARD 4" JUNCTION BOX FEED TO NEW SUPPLY BOOM. MOUNT JUNCTION BOX ON BOOM ARM STRUCTURAL MOUNTING PLATE. PROVIDE FLEXIBLE CONDUIT BETWEEN JUNCTION BOX AND MANUFACTURER PROVIDED JUNCTION BOXES ALSO MOUNTED ON BOOM STRUCTURAL PLATE. 2"x2" XHHW #10 GROUND, 34°C. USE NO PULLING COMPOUND. KEEP CONDUIT RUNS AS SHORT AS POSSIBLE.
- 2. CONTRACTOR TO WIRE BOOMS. TERMINATE AT J-BOX ABOVE BOOM.
- 3. CONNECT (IPP) ISOLATION PANEL TO EXISTING POWER CABLES ROLLED UP ABOVE CEILING OUTSIDE OR ROOM ORIGINATING FROM PANEL 4BEM-A IN ROOM B-403. EXTEND WIRES IN CONDUIT TO IPP LOCATION. (2) #6 AWG, #6 GROUND, 1°C.
- 4. WIRE COLORING:
NEUTRAL - ORANGE W/ COLOR STRIP
HOT - BROWN W/ COLOR STRIPE (DO NOT USE WHITE, GREY, OR GREEN)
GROUND - GREEN
- 5. A1, N2, N3, T1, V1 BOXES ARE CONTRACTOR PROVIDED AND INSTALLED.
- 6. STERIS PROVIDED AND CONTRACTOR INSTALLED M SERIES SURGICAL LIGHT CONTROLLER. ELECTRICAL CONTRACTOR RUN 1" CONDUIT FROM T1 TO K1 AND 3/4" CONDUIT FROM K1 TO B1 LIGHTING FIXTURE. SEE SHEET EL104.



FOURTH FLOOR PLAN - ELECTRICAL CLOSET B-403 NEW WORK
1/4" = 1'-0"



FOURTH FLOOR PLAN - ELECTRICAL CLOSET B-418 NEW WORK
1/4" = 1'-0"



KEY PLAN - FOURTH FLOOR

11/14/2022 3:50:25 PM
Autosave Doc: Louisville VA - Replace OR Anesthesia Supply Heads/PE Louisville - Replace OR Anesthesia_B1_MEP (2022).vt
F

FOURTH FLOOR PLAN - ELECTRICAL NEW WORK
1/4" = 1'-0"

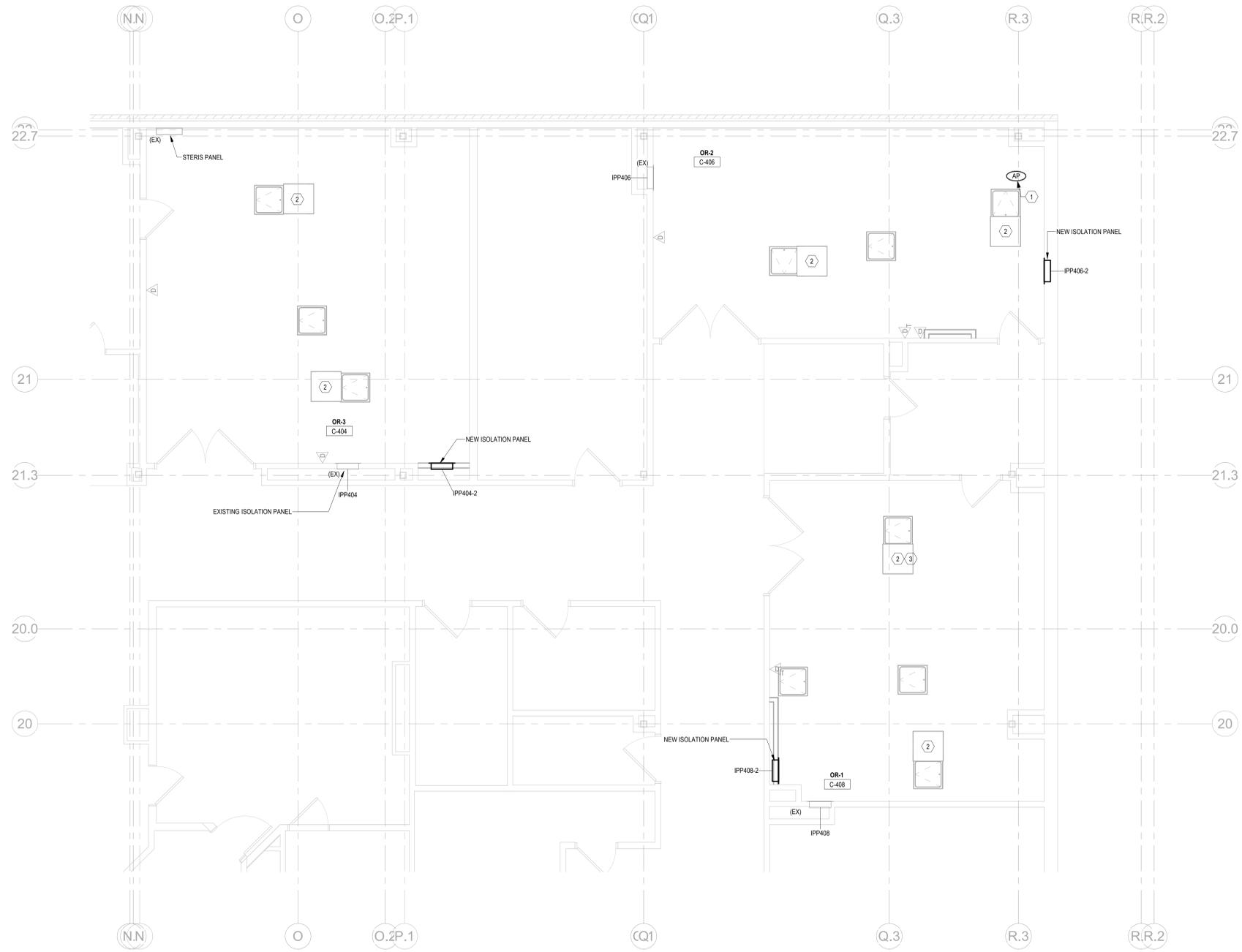
BID DOCUMENTS No. Revisions:	11/15/2022 Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	ROBLEY REX VA MEDICAL CENTER VA U.S. Department of Veterans Affairs	Drawing Title	Phase	Project Title	Project Number
		11/15/2022 Date:		FFE Engineering & Architecture www.ffeinc.us 519.522.0956			ELECTRICAL POWER FOURTH FLOOR PLAN NEW WORK	BID DOCUMENTS	REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS
						Approved: Owner	FULLY SPRINKLERED	Location	Drawing Number
								LOUISVILLE, KENTUCKY	EP104
								Issue Date 11/15/2022	Checked JB
								Drawn IA	

GENERAL NOTES

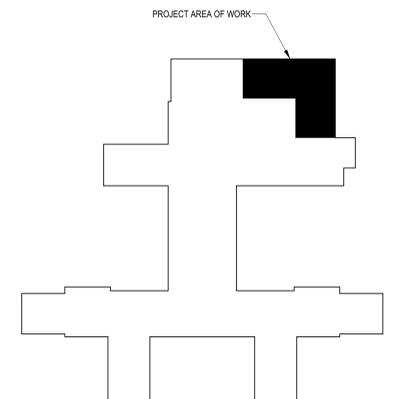
- A. TERMINATE DATA CABLE PROVIDED FROM BOOM ARM IN IT CLOSET ROOM. TEST DATA CABLE.
- B. DATA CABLES AND TERMINALS ROLLED UP ABOVE CEILING OUTSIDE EACH OR ROOM FOR THE PURPOSE OF ALL DATA DEVICES IN OR ROOM.

DRAWING NOTES:

- 1. REINSTALL EXISTING WIRELESS ACCESS PORT AT ORIGINAL LOCATION.
- 2. CONNECT CONTRACTOR FURNISHED ROOM ARM DATA PORTS AND PLATES TO EXISTING CABLES ROLLED UP ABOVE CEILING OUTSIDE EACH OR ROOM. ID DATA CIRCUITS ON BOTH ENDS OF THE WIRE.
- 3. CONTRACTOR TO PROVIDE (2) 4 PORT DATA PORTS AND PLATES FOR STERIS ANESTHESIA BOOM. INSTALL PORTS AND PLATES AT THE TWO BLANK OUTLETS ON THE GAS SIDE OF THE BOOM ARMS.



1 FOURTH FLOOR PLAN - ELECTRICAL NEW WORK
1/4" = 1'-0"



KEY PLAN - FOURTH FLOOR

11/14/2022 3:50:08 PM
 Autodesk Docs: Louisville VA - Replace OR Anesthesia Supply Heads/IFE Louisville - Replace OR Anesthesia_B1_MEP (2022).rvt
 11/15/2022

BID DOCUMENTS		11/15/2022
No.	Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE Engineering & Architecture
www.ffeinc.us | 519.522.0956

STAMP

ROBLEY REX
VA MEDICAL
CENTER

VA U.S. Department of Veterans Affairs

Drawing Title
ELECTRICAL TECHNOLOGY
FOURTH FLOOR PLAN NEW WORK

Approved: Owner

Phase
BID DOCUMENTS

FULLY SPRINKLERED

Project Title
REPLACE OR 1-3 ANESTHESIA
SUPPLY HEADS

Location
LOUISVILLE, KENTUCKY

Issue Date
11/15/2022

Checked
JB

Drawn
IA

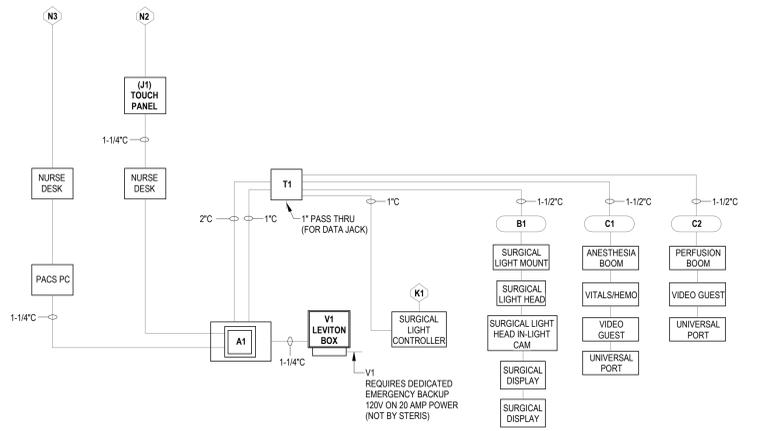
Project Number
603-22-101

Building Number
1

Drawing Number
ET104

LIGHTING FIXTURE SCHEDULE

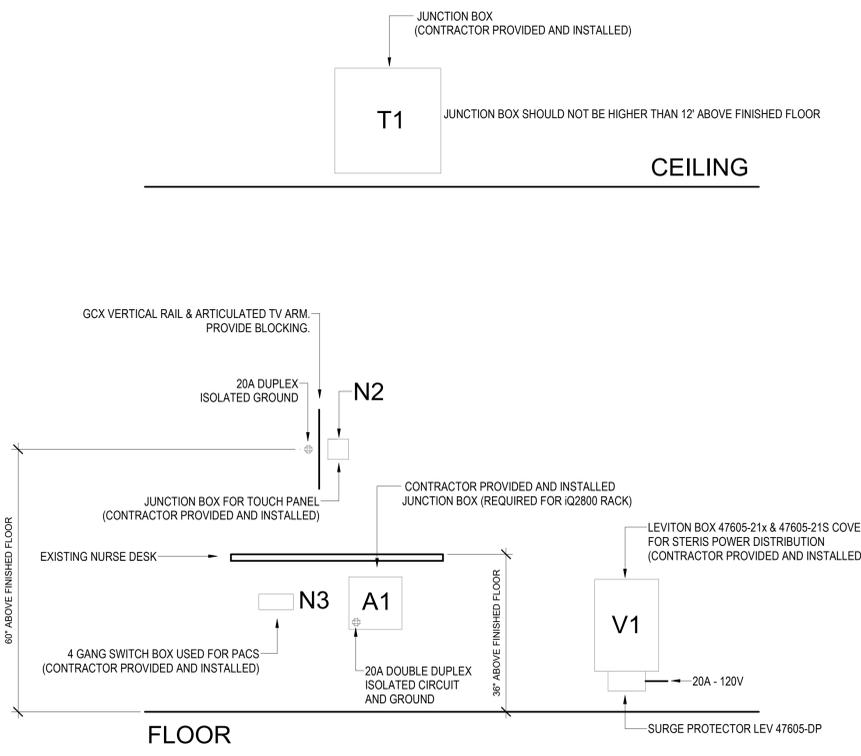
IMAGE	MARK	DESCRIPTION	MOUNTING	LOAD (VA)	LUMINOUS FLUX	COLOR TEMPERATURE	CRI	Comments
	A	2x4' & 2x2' LED LIGHT WITH WHITE AND INDIGO DISINFECTION MODES. INTEGRAL ALUMINUM HEATSINK AND ANTI-MICROBIAL FINISH ON EXPOSED SURFACES. INTEGRAL WITH EMERGENCY BATTERY PACK. 120V. 0-10V DIMMING.	S-SURFACE R-RECESSED SM-STEM MTD WM-WALL MTD C-CHAIN MTD UC-UNDER CAB CS-CEILING SURFACE	150	10000 lm	4000 K	90	OWNER FURNISHED / CONTRACTOR INSTALLED
	B	2x2' LED LIGHT WITH GREEN LED CIRCUIT. INTEGRAL ALUMINUM HEATSINK AND ANTI-MICROBIAL FINISH ON EXPOSED SURFACES. INTEGRAL WITH EMERGENCY BATTERY PACK. 120V. 0-10V DIMMING.	R	86	5100 lm	4000 K	90	OWNER FURNISHED / CONTRACTOR INSTALLED



REVISION SCHEDULE

REVISION #	DESCRIPTION	PLANNER/DATE
1	ISSUED FOR PERMIT	

LEGEND	DESCRIPTION	RESPONSIBILITY
A1	WALL MOUNTED 12x12x4" JUNCTION BOX AT NURSE DESK STATION REQUIRED FOR IQ2800 RACK	ELECTRICAL CONTRACTOR
B1	SURGICAL LIGHT MOUNT	STERIS
C1	ANESTHESIA BOOM	STERIS
J1	WALL MOUNTED TOUCH PANEL	STERIS
N2	WALL MOUNTED 4 11/16" JUNCTION BOX WITH SINGLE GANG MUD RING (USED FOR TOUCH PANEL)	ELECTRICAL CONTRACTOR
N3	WALL MOUNTED 4 GANG JUNCTION BOX (USED FOR PACS)	ELECTRICAL CONTRACTOR
T1	24" H x 24" W x 8" D ABOVE CEILING JUNCTION BOX (NOT BY STERIS)	ELECTRICAL CONTRACTOR
V1	LEVITON BOX FOR STERIS POWER DISTRIBUTION	ELECTRICAL CONTRACTOR



JUNCTION BOX SCHEDULE

J-BOX #	SIZE	TYPE	MOUNTING
A1	12H x 12W x 4D	PULL BOX	IN WALL
N2	4-11/16" x 2-1/8"	SINGLE GANG MUD RING	IN WALL
N3	4 GANG	SWITCH / OUTLET BOX	IN WALL
T1	24H x 24W x 8D	NEMA 1, SCREW COVER	ABOVE CEILING

INTEGRATION EQUIPMENT

LEGEND	DESCRIPTION	RESPONSIBILITY
A1	WALL MOUNTED 12x12x4" JUNCTION BOX AT NURSE DESK STATION REQUIRED FOR IQ2800 RACK	ELECTRICAL CONTRACTOR
B1	SURGICAL LIGHT MOUNT	STERIS
C1	ANESTHESIA BOOM	STERIS
J1	WALL MOUNTED TOUCH PANEL	STERIS
N2	WALL MOUNTED 4 11/16" JUNCTION BOX WITH SINGLE GANG MUD RING (USED FOR TOUCH PANEL)	ELECTRICAL CONTRACTOR
N3	WALL MOUNTED 4 GANG JUNCTION BOX (USED FOR PACS)	ELECTRICAL CONTRACTOR
T1	24" H x 24" W x 8" D ABOVE CEILING JUNCTION BOX (NOT BY STERIS)	ELECTRICAL CONTRACTOR
V1	LEVITON BOX FOR STERIS POWER DISTRIBUTION	ELECTRICAL CONTRACTOR

NEW Branch Panel: IPP408-2

Location: OR-1 C-408
 Supply From: Surface
 Mounting: Type 1
 Enclosure: Type 1

Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating:
 Mains Type: MCB
 Mains Rating: 100 A
 MCB Rating: 60 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	OR-1 ANESTHETIC COLUMN	20 A	1	1000...	1000...		1	20 A	OR-1 ANESTHETIC COLUMN	2	
3	OR-1 ANESTHETIC COLUMN	20 A	1	1000...	1000...		1	20 A	OR-1 ANESTHETIC COLUMN	4	
5	OR-1 ANESTHETIC COLUMN	20 A	1			1000... 1000...	1	20 A	OR-1 ANESTHETIC COLUMN	6	
7	SURGICAL LIGHTING CONTROLLER (K1)	20 A	1	0 VA	2000...		1	20 A	V1 LEVITON JUNCTION BOX	8	
9	TOUCH PANEL SCREEN (J1)	20 A	1	0 VA	0 VA	0 VA	1	20 A	AT JUNCTION BOX - IQ2800 RACK	10	
11	STERIS INTEGRATION RACK (A1)	20 A	1			0 VA	1	20 A		12	
				Total Load:	4000 VA	2000 VA		2000 VA			
				Total Amps:	33 A	17 A		17 A			

NEW Branch Panel: IPP406-2

Location: OR-2 C-406
 Supply From: Surface
 Mounting: Type 1
 Enclosure: Type 1

Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating:
 Mains Type: MCB
 Mains Rating: 100 A
 MCB Rating: 60 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	OR-2 ANESTHETIC COLUMN	20 A	1	1000...	1000...		1	20 A	OR-2 ANESTHETIC COLUMN	2	
3	OR-2 ANESTHETIC COLUMN	20 A	1	1000...	1000...		1	20 A	OR-2 ANESTHETIC COLUMN	4	
5	OR-2 ANESTHETIC COLUMN	20 A	1			1000... 1000...	1	20 A	OR-2 ANESTHETIC COLUMN	6	
7	SPARE	20 A	1	0 VA	0 VA		1	20 A	SPARE	8	
9	SPARE	20 A	1	0 VA	0 VA	0 VA	1	20 A	SPARE	10	
11	SPARE	20 A	1			0 VA	1	20 A	SPARE	12	
				Total Load:	2000 VA	2000 VA		2000 VA			
				Total Amps:	17 A	17 A		17 A			

NEW Branch Panel: IPP404-2

Location: OR-3 C-404
 Supply From: Surface
 Mounting: Type 1
 Enclosure: Type 1

Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating:
 Mains Type: MCB
 Mains Rating: 100 A
 MCB Rating: 60 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	OR-3 ANESTHETIC COLUMN	20 A	1	1000...	1000...		1	20 A	OR-3 ANESTHETIC COLUMN	2	
3	OR-3 ANESTHETIC COLUMN	20 A	1	1000...	1000...		1	20 A	OR-3 ANESTHETIC COLUMN	4	
5	OR-3 ANESTHETIC COLUMN	20 A	1			1000... 1000...	1	20 A	OR-3 ANESTHETIC COLUMN	6	
7	SPARE	20 A	1	0 VA	0 VA		1	20 A	SPARE	8	
9	SPARE	20 A	1	0 VA	0 VA	0 VA	1	20 A	SPARE	10	
11	SPARE	20 A	1			0 VA	1	20 A	SPARE	12	
				Total Load:	2000 VA	2000 VA		2000 VA			
				Total Amps:	17 A	17 A		17 A			

	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	ROBLEY REX VA MEDICAL CENTER	Drawing Title ELECTRICAL DETAILS	Phase BID DOCUMENTS	Project Title REPLACE OR 1-3 ANESTHESIA SUPPLY HEADS	Project Number 603-22-101
BID DOCUMENTS	11/15/2022				Approved: Owner	FULLY SPRINKLERED	Location LOUISVILLE, KENTUCKY	Building Number 1
No. Revisions:	Date:	www.ffeinc.us 519.522.0956	11/15/2022	U.S. Department of Veterans Affairs			Issue Date 11/15/2022	Drawing Number E601