



ASU PACU SAFETY IMPROVEMENTS

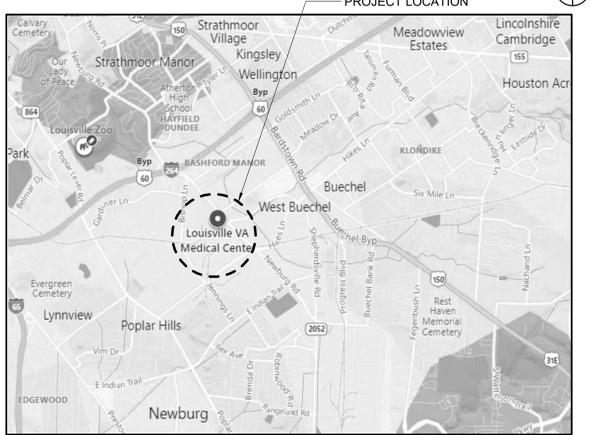
ROBLEY REX VA MEDICAL CENTER
 800 ZORN AVENUE
 LOUISVILLE, KENTUCKY 40206

VA PROJECT #: 603-22-601

PROJECT IMAGE



PROJECT LOCATION MAP



DRAWING LIST

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FULLY SPRINKLERED
 100% CONSTRUCTION DOCUMENTS

# Revisions: _____ Date _____	CONSULTANTS:			PROJECT MANAGER Headquarters: Apogee Consulting Group, P.A. 1151 Kildaire Farm Road, Suite 120 Cary, North Carolina 27511 www.acg-pa.com 919-858-7420	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title COVER	Project Title ASU PACU SAFETY IMPROVEMENTS T-694	VA PROJECT NUMBER 603-22-601 Building Number # 1 Drawing Number G-001 Dwg 1 of 4
						Location ROBLEY REX VA MEDICAL CENTER 800 ZORN AVENUE LOUISVILLE, KENTUCKY 40206		

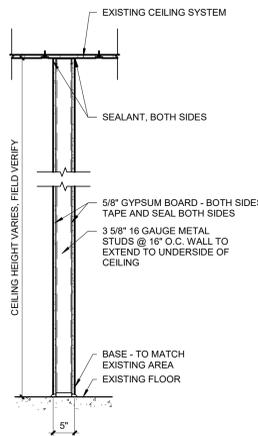
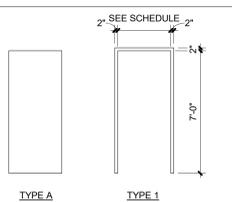
DOOR SCHEDULE											
DOOR NO.	QTY.	WIDTH	HEIGHT	DOOR THICK	MAT'L	FINISH	TYPE	DOOR FRAME MAT'L	DEPTH	HDWR SET	REMARKS
D000	VARIES	7'-0"	1 3/4"	TYPE A	HM		TYPE 1	HM	5 3/4"	SET 1	NOTE 1

NOTE: THIS DOOR AND FRAME SCHEDULE IS FOR TEMPORARY BARRIER ENCLOSURES ONLY
NOTE 1: CONTRACTOR TO DETERMINE DOOR WIDTH PER LOCATION

HARDWARE SET 1

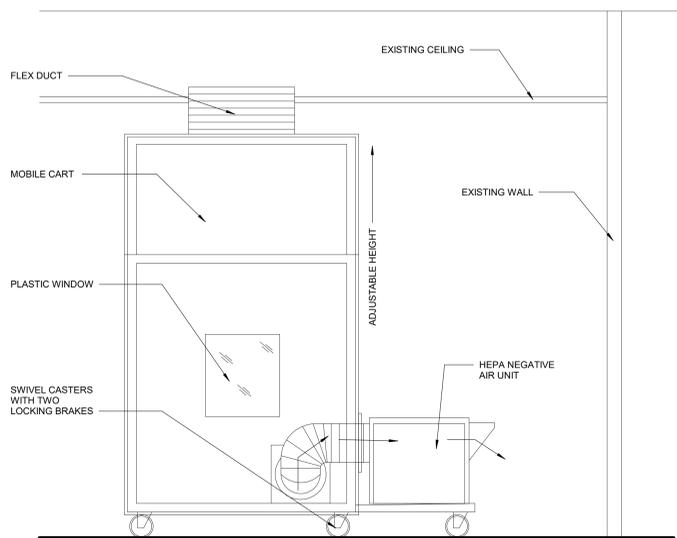
QTY	DESCRIPTION	ITEM NO.	QTY	FINISH	TYPE
3	HINGES	TA2714	630	MK	
1	DUST PROOF STRIKE	570	320	RO	
1	LOCKSET	CONTRACTORS DISCRETION			
1	DOOR CLOSER	DC621XA11	689	CO	
1	GASKETING	8888 x HEAD & JAMBS		PE	

MANUFACTURERS:	NOTES:
CORBIN RUSSWIN CO McKINNEY MK PEMCO PE ROCKWOOD RO	1. HARDWARE MANUFACTURER'S LISTED AS BASIS OF DESIGN. ALTERNATE MANUFACTURERS ACCEPTABLE, SUBJECT TO REVIEW BY ARCHITECT AND C.O.R. FOR EQUAL QUALITY COMPLIANCE 2. LOCKSET TO RECEIVE BEST CORE 7 PIN SMALL FORMAT CORES VA TO PROVIDE THE CORES AND KEYS FOR ONLY TEMPORARY DOORS. CONTRACTOR PROVIDES CORES FOR DOORS LISTED IN DOOR SCHEDULE ON A-404.

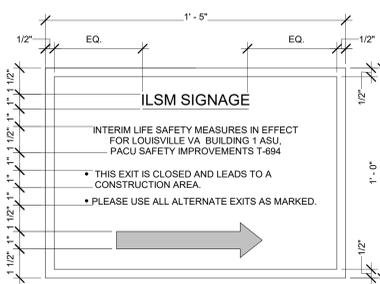


TEMPORARY BARRIER WALL TYPE
ALTERNATE PLASTIC SHEETING BARRIER OR PRE-MANUFACTURED BARRIER SUCH AS STARC WALL OR EDGE GUARD SYSTEM PERMITTED. SUBMIT TO COR FOR APPROVAL PRIOR TO BID.

1 ICRA BARRIER WALL TYPE
Scale: 3/4" = 1'-0"



2 ICRA MOBILE CONTAINMENT CART
Scale: 1/2" = 1'-0"



ISLM TEMPORARY BARRIER TAG	
PROJECT:	
PRIME CONTRACTOR:	
SUB CONTRACTOR:	
EMERGENCY CONTACT NO.:	
BARRIER INSTALLATION DATE:	
BARRIER EXPIRATION DATE:	

3 ISLM CONSTRUCTION EGRESS SIGNAGE
Scale: 3" = 1'-0"

ICRA NOTES
DUST CONTROL PLAN NOTES

- THE VAMC INFECTION CONTROL GROUP HAS CONFIRMED THE DESIGNATION FOR THIS PROJECT IS LEVEL IV FOR THE CLASS OF PRECAUTIONS OR LEVEL OF PROTECTION. ACTIVITIES IN HARD SURFACE BARRIERS SHALL BE USED EXCEPT IN THE AREA INDICATED ON THE PHASING PLAN WITH PLASTIC BARRIERS (MINIMUM 4ML) TO SEAL AREA FROM NON-WORK AREA AS LONG AS THE SPRINKLER SYSTEM IS INTACT AND ACTIVE.
- THIS PROJECT NEEDS AN ENTRY VESTIBULE FOR CLOTHING CHANGES (PROVIDE AND LOCATE A STAGING AREA FOR HAZMAT SUITS NEAR THE PLASTIC BARRIER ENTRANCE SPACES - CONSTRUCTION ANTEROOM). THEY SHALL BE USED WHEN GOING INTO CONSTRUCTION AREA AND LEAVING THE CONSTRUCTION AREA) AND TOOL STORAGE AND TIGHT SEALS SHALL BE MAINTAINED AT THE FULL PERIMETER OF WALLS AND WALL PENETRATIONS. ANY DUST SHALL BE IMMEDIATELY CLEANED IF TRACKED OUTSIDE OF THE CONSTRUCTION BARRIER. UPON COMPLETION OF THE CONSTRUCTION PHASES, DUST BARRIERS SHALL BE REMOVED CAREFULLY TO MINIMIZE SPREADING OF DUST AND THE CONTRACTOR SHALL HAVE TEMPORARY DUST PROTECTION IN PLACE BEFORE REMOVAL OF A PERMANENT BARRIER.
AFTER EACH PHASE, PERFORM TASKS STATED IN NOTE 6A.
- PROVIDE STICKY MATS AND BLANKET AT THE PLASTIC BARRIER ENTRANCE SPACES (CONSTRUCTION ANTEROOM) AND CHANGE DAILY OR MORE OFTEN AS NEEDED TO PREVENT THE SPREAD OF DUST AND DEBRIS INTO ADJACENT CLEAN SPACE.

INTERNAL DEMOLITION AND CONSTRUCTION ACTIVITIES DUST AND DEBRIS CONTROL

- USE CORRIDORS AS PRIMARY CONSTRUCTION ACCESS.
- TRAFFIC CONTROL: DESIGNATED ENTRY AND EXIT PROCEDURES SHALL BE DEFINED. EGRESS PATHS SHALL BE FREE OF DEBRIS; DESIGNATED ELEVATORS SHALL BE USED DURING SCHEDULED TIMES; AND ONLY AUTHORIZED PERSONNEL SHALL BE ALLOWED TO ENTER THE CONSTRUCTION ZONE. SIGNAGE SHALL DIRECT PEDESTRIAN TRAFFIC AWAY FROM THE CONSTRUCTION AREA AND MATERIALS.
- CONTRACTOR SHALL USE TWO CARTS TO TRANSFER CONSTRUCTION MATERIAL IN AND OUT OF THE PROJECT - A CLEAN CART SHALL BE USED, THE NOT-SO-CLEAN CART SHALL BE USED BETWEEN THE MAIN ENTRY AND THE CONSTRUCTION STAGING/PREP AREA.
- DEMOLITION DEBRIS: DEBRIS SHALL BE REMOVED IN CARTS WITH TIGHTLY FITTED COVERS, USING DESIGNATED TRAFFIC ROUTES. EFFORTS SHALL BE MADE TO MINIMIZE USE OF ELEVATORS WITH AN EMPHASIS ON TRANSPORT DURING THE LOWEST PERIOD OF ACTIVITY. DEBRIS SHALL BE REMOVED DAILY AND AT TIMES SPECIFIED BY THE VAMC. IF CHUTES ARE USED TO DIRECT DEBRIS OUTSIDE, HIGH EFFICIENCY PARTICULATE AIR (HEPA) FILTERED NEGATIVE AIR MACHINES SHALL BE USED, AND THE CHUTE OPENING SHALL BE SEALED WHEN NOT IN USE. FILTERS SHALL BE BAGGED AND SEALED BEFORE BEING TRANSPORTED OUT OF THE CONSTRUCTION AREA. THE CONTRACTOR SHALL NOT HAUL DEBRIS THROUGH PATIENT-CARE AREAS WITHOUT PRIOR APPROVAL OF THE COR.
- EXTERIOR WINDOWS: WINDOWS SHALL BE SEALED TO MINIMIZE INFILTRATION FROM ANY ADJACENT EXCAVATION DEBRIS.
- ALL EQUIPMENT REMAIN IN THE ORs AND ASSOCIATED ROOMS SHALL BE COVERED AND PROTECTED PRIOR STARTING EACH CONSTRUCTION PHASE.

VENTILATION AND ENVIRONMENTAL CONTROLS

- AIR SYSTEM FLOW: THE COR VERIFY AND ACKNOWLEDGE CONTRACTOR WHETHER THE CONSTRUCTION AREA USES FRESH/OUTSIDE OR RE-CIRCULATED AIR; FILTERS SHALL BE ADDED OR RETURN VENTS COVERED AS NEEDED WITH FILTER MATERIAL OR PLASTIC. AIR MUST FLOW FROM CLEAN TO DIRTY AREAS.
- NEGATIVE AIR PRESSURE: THE AIR WITHIN THE CONSTRUCTION AREA SHALL BE NEGATIVE WITH RESPECT TO SURROUNDING AREAS AND WITH NO DISRUPTION OF AIR SYSTEMS OF ADJACENT AREAS. USE OF THE NEGATIVE AIR PRESSURE SYSTEM WITHIN THE ENCLOSURE TO REMOVE DUST SHALL PASS AIR THROUGH AN INDUSTRIAL GRADE, PORTABLE HEPA FILTER CAPABLE OF FILTRATION RATES OF 300-800 CUBIC FEET PER MINUTE (FT3/MIN), OR EXHAUST AIR DIRECT TO THE OUTSIDE IF APPROVED BY VAMC. IF EXHAUST SHALL BE TIED INTO A RE-CIRCULATED AIR SYSTEM, A PRE-FILTER AND HEPA FILTER SHALL BE USED BEFORE EXHAUST TO PREVENT CONTAMINATION OF THE DUCTS.
- ADJACENT AREAS: THE STATUS OF SEALED PENETRATIONS AND CEILING SHALL BE VERIFIED DAILY.
- AIR EXCHANGE RATES AND PRESSURE RELATIONSHIPS: VAMC AND CONTRACTOR SHALL VERIFY AND MAINTAIN PROPER RATES IN CRITICAL AREAS NEAR CONSTRUCTION ACTIVITY AND ENSURE AIR IS NOT BEING RE-CIRCULATED WITHOUT FILTRATION FROM THE CONSTRUCTION AREA ELSEWHERE. PROVIDE AIR PRESSURE TESTING THROUGHOUT THE PROJECT IN THE FREQUENCY AS IDENTIFIED BY THE COR.
- CONTAMINATION OF PATIENT ROOMS, SUPPLIES, EQUIPMENT AND RELATED AREAS
- WORKSITE CLOTHING: CONTRACTOR PERSONNEL CLOTHING SHALL BE FREE OF LOOSE SOIL AND DEBRIS BEFORE 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 BARRICADE. IF PROTECTIVE APPAREL IS UTILIZED, THE CONTRACTOR SHALL CONSTRUCT A SPACE OR ANTEROOM FOR CHANGING CLOTHING AND STORING EQUIPMENT (DESIGNATED AREA). ALL EQUIPMENT, TOOLS, TOOL CARTS, AND MATERIALS TRANSPORTED THROUGH OCCUPIED AREAS SHALL BE MADE FREE FROM DUST AND MOISTURE BY VACUUMING AND WET WIPING BEFORE THEIR REMOVAL FROM THE CONSTRUCTION ZONE OR WORK AREA.
- POST CONSTRUCTION: DO NOT REMOVE BARRIERS AND KEEP ALL HVAC ISOLATION UNTIL CONTRACTOR HAS CLEANED CONSTRUCTION SITE. VA EMS STAFF HAS DONE A TERMINAL CLEANING, AND VA INFECTIOUS DISEASE CONTROL HAS INSPECTED AND APPROVED THE CLEANING.

INFECTION CONTROL RISK MITIGATION RECOMMENDATIONS MATRIX OF PRECAUTIONS FOR CONSTRUCTION AND RENOVATION

Type of Construction / Project Activity Table	
TYPE A	Inspection and Non-Invasive Activities Includes, but is not limited to: - removal of ceiling tiles for visual inspection limited to 1 tile to 50 square feet - painting (but not sanding), wall covering - electrical trim work, minor plumbing, and activities which do not generate dust or require cutting of walls or access to ceilings other than for visual inspection Small scale, short duration activities which create minimal dust
TYPE B	Includes, but is not limited to: - installation of telephone and computer cabling - access to chase space - cutting of walls or ceiling where dust migration can be controlled
TYPE C	Work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies Includes, but is not limited to: - sanding of walls for painting or wall covering - removal of floor coverings, ceiling tiles and casework - new wall construction - minor dust work or electrical work above ceilings - major cabling activities - any activity which cannot be completed within a single work shift
TYPE D	Major demolition and construction projects Includes, but is not limited to: - activities which require consecutive work shifts - requires heavy demolition or removal of a complete ceiling system - new construction

Patient Risk Group Table

Group 1 Low Risk	Group 2 Medium Risk	Group 3 High Risk	Group 4 Highest Risk
- Office areas (non-clinical) - Hallways - FES/EMS areas	- Bldg. #69 Therapy areas - Respiratory Therapy - Outpatient Clinics - OB/Cs - Mental Health Units - VACANT AREA ADJACENT TO OCCUPIED AREA	- Pharmacy - Radiology/CT Scanner - Urgent Care - Laboratories	- CLCs - SPD, AMCU, - Respiratory Isolation Rooms - Surgery

Infection Control Matrix - Class of Precautions: Construction Project by Patient Risk

Patient Risk Group	Construction Project Type			
	TYPE A	TYPE B	TYPE C	TYPE D
LOW Risk Group 1	I	I	II	III/IV
MEDIUM Risk Group 2	I	I	III	IV
HIGH Risk Group 3	II	III	III/IV	IV
HIGHEST Risk Group 4	III	III/IV	III/IV	IV

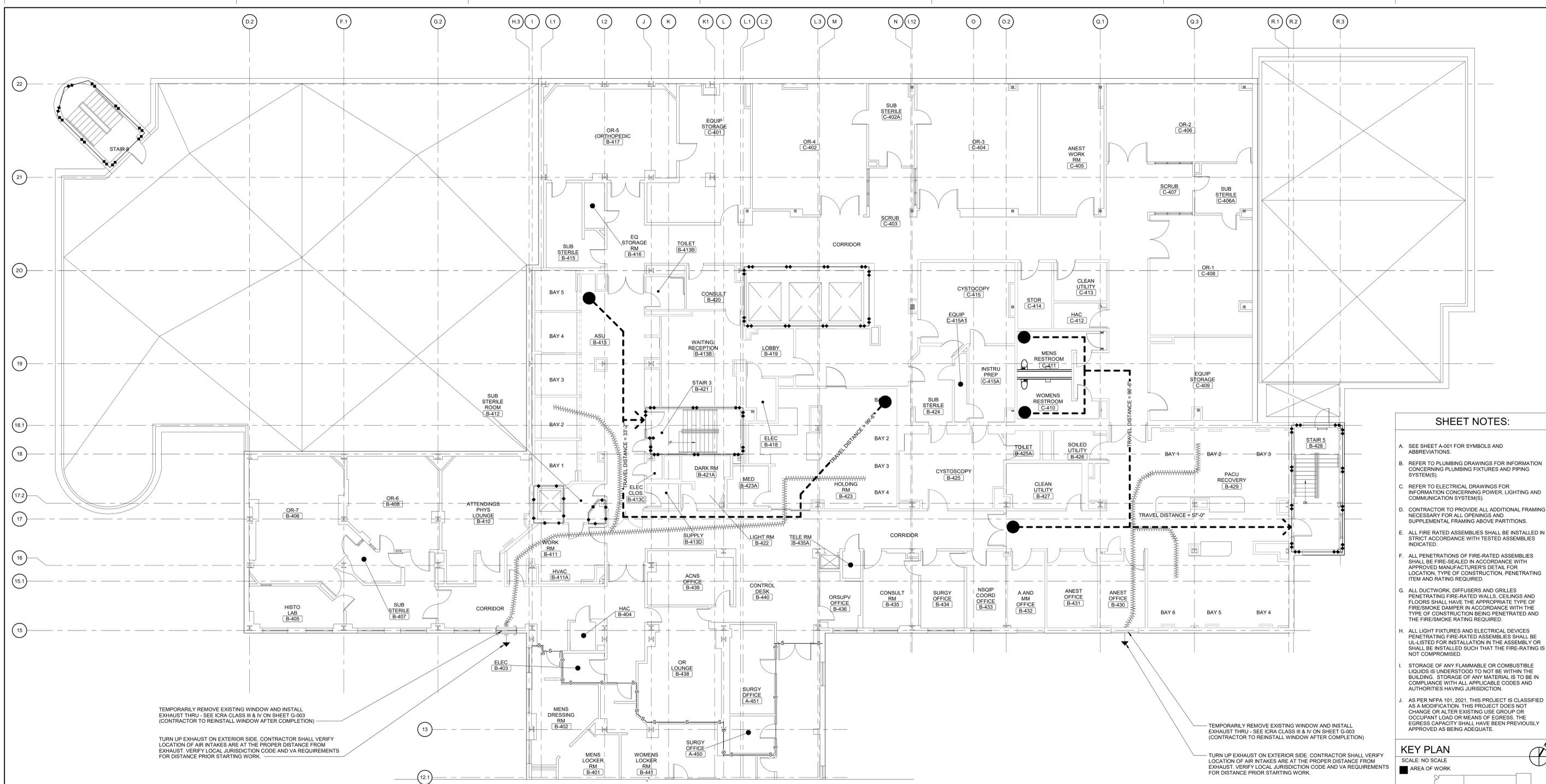
Note: Infection Control approval will be required when the Construction Activity and Risk Level indicate that Class II or Class III control procedures are necessary.

It is the Contractor's Responsibility to provide the following Infection Control Precautions depending upon the Area Class Designation

CLASS	During Construction Project	Upon Completion of Project
	CLASS I	1. Execute work by methods to minimize raising dust from construction operations. 2. Immediately replace a ceiling tile displaced for visual inspection.
CLASS II	1. Includes all activities required by Class I 2. Provide active means to prevent airborne dust from dispersing into atmosphere. 3. Water mist work surfaces to control dust while cutting. 4. Seal unused doors with duct tape. 5. Block off and seal air vents. 6. Replace adhesive walk-off mats at entrance and exit of work area. Replace used mats in accordance with manufacturer's recommendations. 7. Remove or isolate HVAC system in area where work is being done to prevent contamination of duct system.	1. Wipe work surfaces with disinfectant. 2. Contain construction waste before transport in tightly covered containers. 3. Wet mop and/or vacuum work area with HEPA filtered vacuum before leaving work areas. 4. Remove isolation of HVAC system in areas where work is being performed.
CLASS III	1. Includes all activities required by Class II 2. Obtain Infection Control Permit from Hospital Safety Officer or Facilities Management Maintenance and Engineering department before construction begins. 3. Remove or isolate HVAC system in area where work is being done to prevent contamination of duct system. 4. Complete all critical barriers before construction begins or implement control cube method. 5. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units. 6. Contain construction waste before transport in tightly covered containers. 7. Cover transport receptacles or carts. Tape covers. 8. Wet mop and/or vacuum with HEPA filtered vacuum before leaving work areas. 9. Remove isolation of HVAC system in areas where work is being performed.	1. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction. 2. Contain construction waste before transport in tightly covered containers. 3. Cover transport receptacles or carts. Tape covering. 4. Vacuum work area with HEPA-filtered vacuums. 5. Wet mop areas with disinfectant after barriers are removed. 6. Remove or isolate HVAC system in areas where work is being performed.
CLASS IV	1. Includes all activities required by Class III 2. Obtain Infection Control Permit from Hospital Safety Officer or Facilities Management Maintenance and Engineering department before construction begins. 3. Isolate HVAC system in area where work is being done to prevent contamination of duct system. 4. Complete all critical barriers before construction begins or implement control cube method before construction begins. 5. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units. 6. Seal holes, pipes, conduits, and punctures appropriately. 7. Construct anteroom and require all personnel to pass through this room so they can be vacuumed using a HEPA vacuum cleaner before leaving work area or they can wear cloth or paper coveralls that is removed each time they leave the work site. 8. All personnel entering work site are required to wear shoe covers. Shoe covers must be changed each time the worker exits the work area. 9. Place adhesive walk-off mats at entrance to work area within anteroom. 10. Replace per manufacturer's recommendations. Do not remove barriers from work area until completed project is inspected each by the Hospital Safety Officer, Facilities Management Maintenance and Engineering Department and thoroughly cleaned by the Hospital Environmental Services Department or their contracted Environmental Service Company. Contain construction waste before transport in tightly covered containers. 11. Cover transport receptacles or carts. Tape covering. 12. Vacuum work area with HEPA filtered vacuums. 13. Wet mop with disinfectant after barriers are removed. 14. Remove isolation of HVAC system in areas where work is being performed.	1. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction. 2. Contain construction waste before transport in tightly covered containers. 3. Cover transport receptacles or carts. Tape covering. 4. Vacuum work area with HEPA-filtered vacuums. 5. Wet mop areas with disinfectant after barriers are removed. 6. Remove or isolate HVAC system in areas where work is being performed.

**FULLY SPRINKLERED
100% CONSTRUCTION DOCUMENTS**

#	Revisions:	Date	CONSULTANTS:			PROJECT MANAGER ACG Project Number 21-287 Headquarters: Apogee Consulting Group, P.A. 1151 Kildaire Farm Road, Suite 120 Cary, North Carolina 27511 www.acg-pa.com 919-858-7420	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title ICRA INFORMATION AND DETAILS Location ROBLEY REX VA MEDICAL CENTER 800 ZORN AVENUE LOUISVILLE, KENTUCKY 40206	Project Title ASU PACU SAFETY IMPROVEMENTS T-694 Approved Date DECEMBER 14, 2022	VA PROJECT NUMBER 603-22-601 Building Number # 1 Drawing Number G-003 Dwg 3 of 4
	Checked	WVS								



- SHEET NOTES:**
- A. SEE SHEET A-001 FOR SYMBOLS AND ABBREVIATIONS.
 - B. REFER TO PLUMBING DRAWINGS FOR INFORMATION CONCERNING PLUMBING FIXTURES AND PIPING SYSTEM(S).
 - C. REFER TO ELECTRICAL DRAWINGS FOR INFORMATION CONCERNING POWER, LIGHTING AND COMMUNICATION SYSTEM(S).
 - D. CONTRACTOR TO PROVIDE ALL ADDITIONAL FRAMING NECESSARY FOR ALL OPENINGS AND SUPPLEMENTAL FRAMING ABOVE PARTITIONS.
 - E. ALL FIRE RATED ASSEMBLIES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH TESTED ASSEMBLIES INDICATED.
 - F. ALL PENETRATIONS OF FIRE-RATED ASSEMBLIES SHALL BE FIRE-SEALED IN ACCORDANCE WITH APPROVED MANUFACTURER'S DETAIL FOR LOCATION, TYPE OF CONSTRUCTION, PENETRATING ITEM AND RATING REQUIRED.
 - G. ALL DUCTWORK, DIFFUSERS AND GRILLES PENETRATING FIRE-RATED WALLS, CEILINGS AND FLOORS SHALL HAVE THE APPROPRIATE TYPE OF FIRE/SMOKE DAMPER IN ACCORDANCE WITH THE TYPE OF CONSTRUCTION BEING PENETRATED AND THE FIRE/SMOKE RATING REQUIRED.
 - H. ALL LIGHT FIXTURES AND ELECTRICAL DEVICES PENETRATING FIRE-RATED ASSEMBLIES SHALL BE UL-LISTED FOR INSTALLATION IN THE ASSEMBLY OR SHALL BE INSTALLED SUCH THAT THE FIRE-RATING IS NOT COMPROMISED.
 - I. STORAGE OF ANY FLAMMABLE OR COMBUSTIBLE LIQUIDS IS UNDERSTOOD TO NOT BE WITHIN THE BUILDING. STORAGE OF ANY MATERIAL IS TO BE IN COMPLIANCE WITH ALL APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION.
 - J. AS PER NFPA 101, 2021, THIS PROJECT IS CLASSIFIED AS A MODIFICATION. THIS PROJECT DOES NOT CHANGE OR ALTER EXISTING USE GROUP OR OCCUPANT LOAD OR MEANS OF EGRESS. THE EGRESS CAPACITY SHALL HAVE BEEN PREVIOUSLY APPROVED AS BEING ADEQUATE.

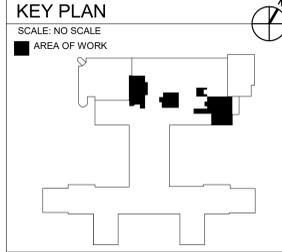
TEMPORARILY REMOVE EXISTING WINDOW AND INSTALL EXHAUST THRU - SEE ICRA CLASS III & IV ON SHEET G-003 (CONTRACTOR TO REINSTALL WINDOW AFTER COMPLETION)

TURN UP EXHAUST ON EXTERIOR SIDE. CONTRACTOR SHALL VERIFY LOCATION OF AIR INTAKES ARE AT THE PROPER DISTANCE FROM EXHAUST. VERIFY LOCAL JURISDICTION CODE AND VA REQUIREMENTS FOR DISTANCE PRIOR STARTING WORK.

TEMPORARILY REMOVE EXISTING WINDOW AND INSTALL EXHAUST THRU - SEE ICRA CLASS III & IV ON SHEET G-003 (CONTRACTOR TO REINSTALL WINDOW AFTER COMPLETION)

TURN UP EXHAUST ON EXTERIOR SIDE. CONTRACTOR SHALL VERIFY LOCATION OF AIR INTAKES ARE AT THE PROPER DISTANCE FROM EXHAUST. VERIFY LOCAL JURISDICTION CODE AND VA REQUIREMENTS FOR DISTANCE PRIOR STARTING WORK.

1 FOURTH FLOOR LIFE SAFETY PLAN
Scale: 1/8" = 1'-0"



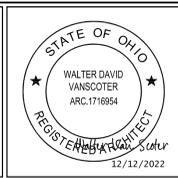
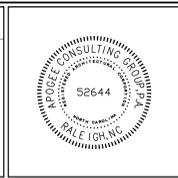
- LIFE SAFETY LEGEND**
- 1 HR - FIRE SEPARATION
 - 2 HR - FIRE SEPARATION
 - S—S—S—S— SMOKE RESISTIVE HAZARDOUS AREA
 - ||||| FLEX DUCT FROM HEPA AIR SCRUBBER

- WALL RATING LEGEND**
- 1 HR - FIRE SEPARATION
 - 2 HR - FIRE SEPARATION
 - S—S—S—S— SMOKE RESISTIVE HAZARDOUS AREA

**FULLY SPRINKLERED
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#	Revisions:	Date

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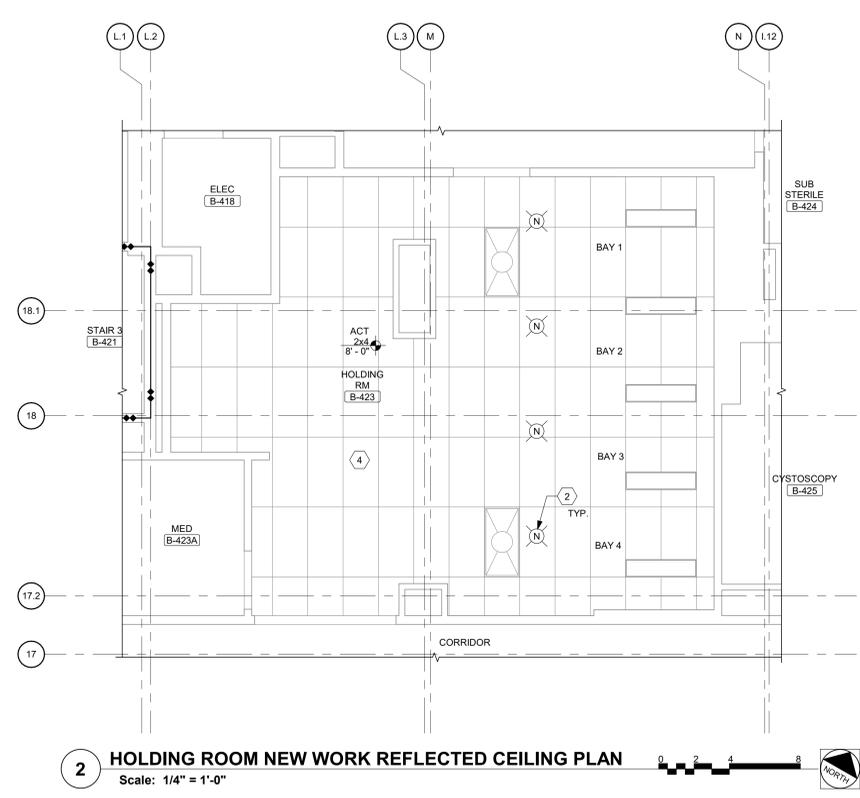
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: **FOURTH FLOOR LIFE SAFETY PLAN**
Location: **ROBLEY REX VA MEDICAL CENTER
800 ZORN AVENUE
LOUISVILLE, KENTUCKY 40206**

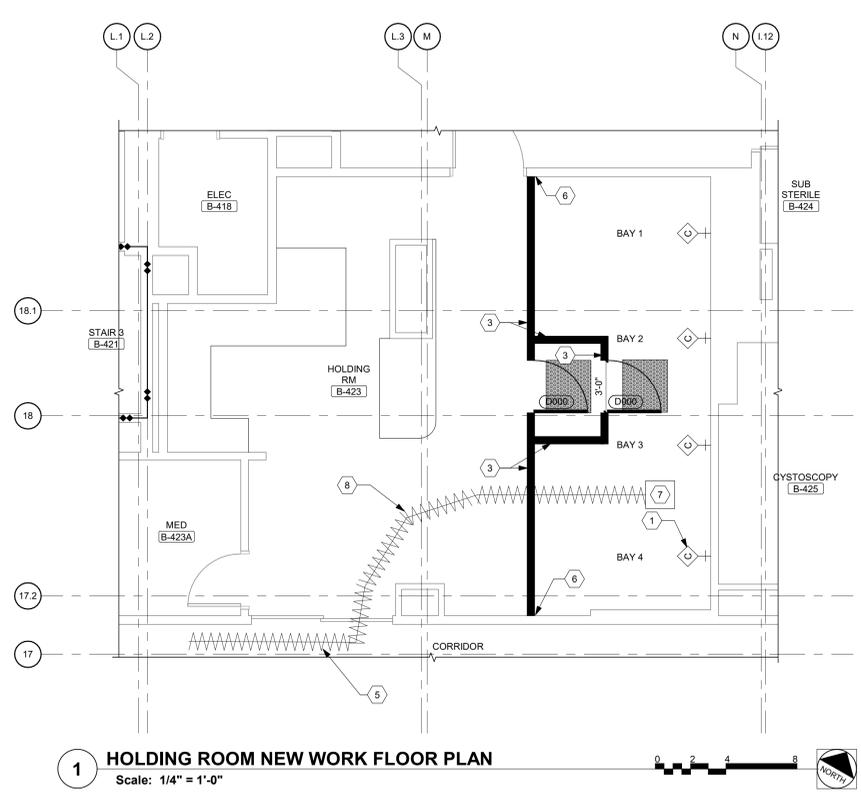
Project Title: **ASU PACU SAFETY IMPROVEMENTS**
T-694
Approved: _____
Date: **DECEMBER 14, 2022**
Checked: **WVS**
Drawn: **BLN**

VA PROJECT NUMBER: **603-22-601**
Building Number: **# 1**
Drawing Number: **G-004**
Dwg 4 of 4

ASU AREA, HOLDING AREA, AND PACU AREAS MUST BE DONE INDIVIDUALLY AND AT SEPARATE TIMES. A PRE-CONSTRUCTION CONFERENCE TO BE SCHEDULED 30 DAYS IN ADVANCE OF START OF CONSTRUCTION WITH THE COR TO DISCUSS SCHEDULING AND SEQUENCE OF WORK.



2 HOLDING ROOM NEW WORK REFLECTED CEILING PLAN
Scale: 1/4" = 1'-0"

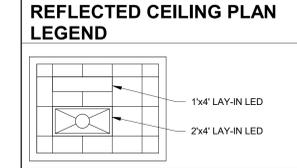


1 HOLDING ROOM NEW WORK FLOOR PLAN
Scale: 1/4" = 1'-0"

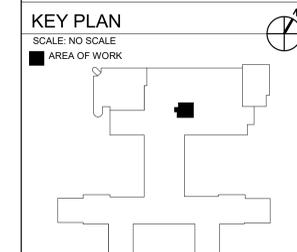
- SHEET NOTES:**
- A. SEQUENCE OF WORK: ISOLATE BAYS 1,2,3, AND 4 WITH TEMPORARY BARRIER AND VESTIBULE. PERFORM ALL WORK AND REMOVE BARRIERS
 - B. ACCESS PANELS ARE NOT PERMITTED IN SOFFITS, CHECK ALL VALVES, FIRE DAMPERS, REHEAT BOXES, ETC. FOR ACCESS POINTS. ARRANGE FIRE AND SMOKE DAMPER ACCESS FROM NON-CORRIDOR SIDE
 - C. LIGHTS, DIFFUSERS, EXIT SIGNAGE, SPRINKLER HEADS, AND SMOKE DETECTORS MUST BE CENTERED IN CEILING PANELS IN WHICH THEY OCCUR
 - D. COORDINATE WITH SEPARATE MECHANICAL AND ELECTRICAL DESIGN PACKAGES FOR CEILING MOUNTED DEVICES
 - E. PAINT CUT EDGES OF ACT TO MATCH CEILING TILE WHERE EXPOSED TO VIEW
 - F. CONTRACTOR TO REVIEW CEILING LAYOUT AS SHOWN AND NOTIFY ARCHITECT OF ANY CONFLICTS BEFORE PROCEEDING WITH CONSTRUCTION
 - G. THERE IS APPROXIMATELY 40 L.F. OF TEMPORARY WALL TO BE CONSTRUCTED IN THIS AREA

- KEY NOTES:**
- 1 NEW NURSE CALL PATIENT STATION AT HEADWALL, TYP.
 - 2 NEW NURSE CALL ANNUNCIATOR, TYP.
 - 3 TEMPORARY BARRIER FROM FLOOR TO TIGHT TO UNDERSIDE OF CEILING. CONTRACTORS DISCRETION, MAY USE WALL SYSTEM (STARC WALLS OR EDGE GUARD OR EQUAL) OR BUILD HARD BARRIERS (METAL STUDS AND 5/8" CYP, BD BOTH SIDES. BARRIERS TO BE AIRTIGHT)
 - 4 EXISTING CEILING TO REMAIN
 - 5 SEE SHEET G-004 FOR COMPLETE FLEX DUCT ROUTING
 - 6 REPAIR FLOORS, WALLS AND CEILING TO ORIGINAL CONDITION AFTER TEMPORARY BARRIERS ARE REMOVED.
 - 7 AIR SCRUBBER UNIT
 - 8 FLEXDUCT TO BE SUSPENDED FROM CEILING AND ALLOW FOR PEDESTRIAN TRAFFIC

- ICRA LEGEND**
- TEMPORARY WALL
 - TEMPORARY DOOR
 - FLEX DUCT FROM HEPA AIR SCRUBBER



- LEGEND**
- ABOVE DOOR NURSE CALL ANNUNCIATOR
 - CEILING MOUNTED NURSE CALL ANNUNCIATOR
 - HEADWALL NURSE CALL PATIENT STATION WITH CALL CORD

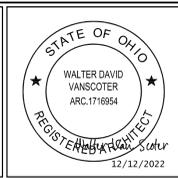
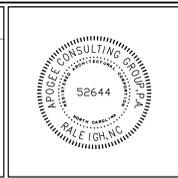


- WALL RATING LEGEND**
- 1 HR - FIRE SEPARATION
 - 2 HR - FIRE SEPARATION
 - SMOKE RESISTIVE HAZARDOUS AREA

**FULLY SPRINKLERED
100% CONSTRUCTION DOCUMENTS**

#	Revisions:	Date

CONSULTANTS:



PROJECT MANAGER
ACG Project Number 21-287
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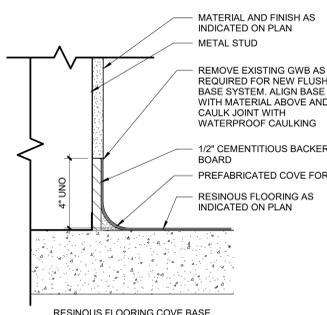
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: **HOLDING ROOM ENLARGED PLANS**
Location: **ROBLEY REX VA MEDICAL CENTER
800 ZORN AVENUE
LOUISVILLE, KENTUCKY 40206**

Project Title: **ASU PACU SAFETY IMPROVEMENTS**
Approved: [Signature]
Date: **DECEMBER 14, 2022**
Checked: **WVS**
Drawn: **BLN**

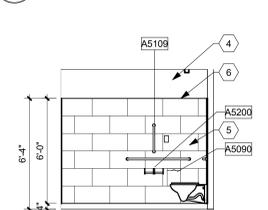
VA PROJECT NUMBER: **603-22-601**
Building Number: **# 1**
Drawing Number: **A-402**
Dwg: **4 of 6**

ALL SEAMS, COVES AND CORNERS SHALL BE SMOOTH TO ALLOW EASE OF CLEANING

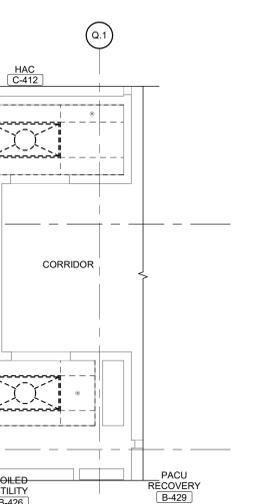


3 FLOOR - COVE BASE DETAIL
Scale: 3" = 1'-0"

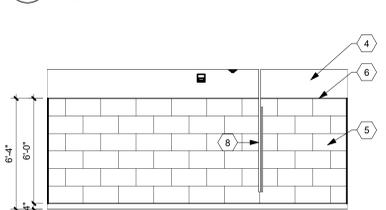
1D MEN'S RESTROOM C-411 - WEST
Scale: 1/4" = 1'-0"



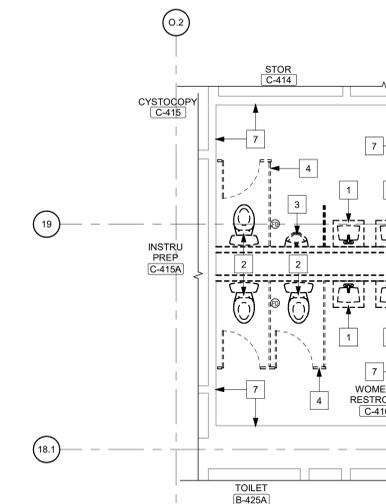
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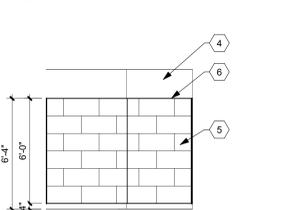
1C MEN'S RESTROOM C-411 - SOUTH
Scale: 1/4" = 1'-0"



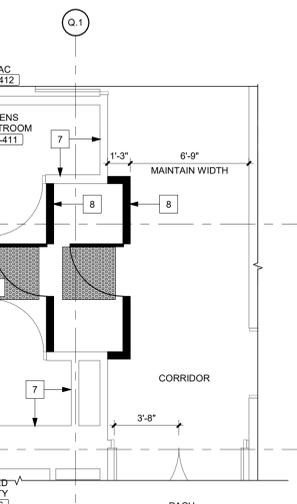
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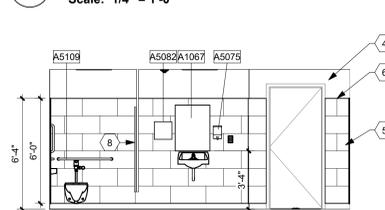
1B MEN'S RESTROOM C-411 - EAST
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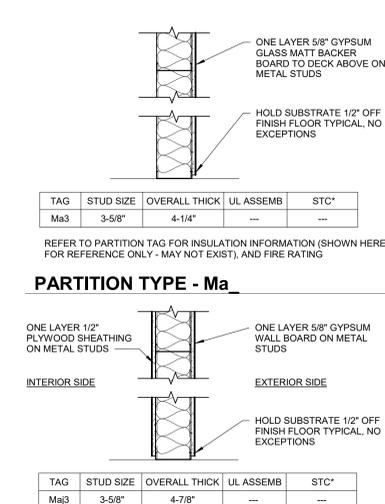
2B WOMENS RESTROOM C-410 - EAST
Scale: 1/4" = 1'-0"



1A MEN'S RESTROOM C-411 - NORTH
Scale: 1/4" = 1'-0"



2A WOMENS RESTROOM C-410 - NORTH
Scale: 1/4" = 1'-0"



EQUIPMENT GENERAL NOTES

- REFER TO A-001 FOR STANDARD MOUNTING HEIGHTS AND BLOCKING. REFER TO EQUIPMENT DRAWINGS FOR LOCATIONS AND ADDITIONAL DIMENSIONS. PROVIDE BLOCKING FOR ALL WALL MOUNTED EQUIPMENT. CASEWORK, MILLWORK AND WALL PROTECTION AS REQUIRED BY MANUFACTURER'S REQUIREMENTS FOR INSTALLATION.
- REFER TO MECHANICAL, ELECTRICAL, PLUMBING, TEL-COM AND LOW VOLTAGE DRAWINGS FOR ADDITIONAL REQUIRED UTILITY CONNECTIONS AND LOCATIONS.
- FURNITURE, FIXTURES AND EQUIPMENT SHOWN ON PLANS AND SCHEDULES ARE FOR COORDINATION AND SPATIAL PURPOSES ONLY, NOT TO BE USED FOR ACTIVATION PURCHASING.
- REFER TO SHEET A-404 FOR ENLARGED TOILET ROOMS.
- SEE EQUIPMENT SCHEDULE ON SHEET A-404 FOR SPECIFICS ON EQUIPMENT BY ROOM.
- ITEM TAGS INCLUDE ACQUISITION AND INSTALLATION RESPONSIBILITIES (ACI), DENOTED AS FOLLOWS:
EQUIPMENT SCHEDULE LEGEND
1. "VV" = VA FURNISHED & VA INSTALLED
2. "VC" = VA FURNISHED & CONTRACTOR INSTALLED
3. "CC" = CONTRACTOR FURNISHED & CONTRACTOR INSTALLED

FINISH GENERAL NOTES

- REFERENCE ROOM FINISH SCHEDULE, FINISH MATERIAL LEGEND FOR MORE INFORMATION.
- REFERENCE REFLECTED CEILING PLAN FOR ADDITIONAL CEILING INFO.
- PREPARE ALL FLOOR AND WALL CONSTRUCTION, NEW AND/OR EXISTING, TO RECEIVE NEW FINISHES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- PRIOR TO INSTALLATION OF NEW FINISHES, CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE, THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE VA OWNER WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE INDICATION THAT THE INSTALLER / FINISHER ACCEPTS CONDITION OF SUBSTRATE.
- USE MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- ALL NECESSARY TILE FLOORING UNDERLAYMENT TO BE PROVIDED AND INSTALLED BY FLOORING CONTRACTOR. ALL SETTING AND UNDERLAYMENT SYSTEMS TO BE FROM SAME MANUFACTURER AND APPROVED BY FLOORING MANUFACTURER.
- ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES. FLOORING CONTRACTOR TO SUBMIT A DIAGRAM SHOWING FLOORING TRANSITION LOCATIONS FOR DESIGNERS APPROVAL PRIOR TO INSTALLATION.
- ALL FLOOR TRANSITIONS BETWEEN DISLIKE MATERIALS SHALL BE STAINLESS STEEL TRIM AND TO BE LOCATED AT CENTERLINE OF DOOR WHEN IN CLOSED POSITION.
- PAINT ALCOVE FROM TOP OF EXISTING BASE TO CEILING. COLOR TO BE SELECTED BY VA. ACRYLIC - 2 COATS.
- ALL OUTSIDE AND INSIDE CORNERS OF WALL TILE SHALL BE STAINLESS STEEL TRIM BASIS OF DESIGN: SCHLUTER TRIM PIECES.
- TRANSITIONS BETWEEN WALL AND FLOOR TILE SHALL BE STAINLESS STEEL TRIM STRAIGHT, INSIDE AND OUTSIDE CORNERS.
- FINISH LEVEL OF GYP. BD, WALLS AND SOFFITS TO BE LEVEL 4, UNLESS NOTED OTHERWISE.
- ALL PAINTED WALLS TO BE PAINTED P-1, UNLESS NOTED OTHERWISE. BASIS OF DESIGN COLOR: SHERWIN WILLIAMS, NATURAL CHOICE SW7011 OR EQUAL.
- ALL GYP. BOARD CEILINGS TO BE PAINTED P-1, UNLESS NOTED OTHERWISE.
- ALL PAINTED SURFACES SHALL RECEIVE A MINIMUM OF (1) ONE BASE COAT AND (2) TWO FINISH COATS
- PAINTED SHEEN LEVEL TO BE SATIN/EGG-SHELL FOR ALL WALLS, U.N.O. SHEEN FOR ALL WET AREA WALLS, METAL DOORS AND METAL FRAMES TO BE SEMI-GLOSS.
- PAINT ALL EXISTING AND NEW HOLLOW METAL DOORS, WINDOWS AND FRAMES IN SCOPE OF WORK URETHANE ALKYD ENAMEL. COLOR TO BE SELECTED BY VA.
- PAINT ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC. WITH PAINT TO MATCH ADJACENT SURFACE.
- RES-1 - BASIS OF DESIGN, STONHARD, STONETEC, DIABLO BEIGE, OR EQUAL

DOOR SCHEDULE

NO.	DOOR WIDTH	DOOR HEIGHT	THICK	MATL	DOOR FRAME	HDWR	SET	REMARKS
C-411B	3'-0"	7'-0"	1 3/4"	WD VNR	HM	5 3/4"	SET 2	NOTE 1

HARDWARE SET 2

NO.	DESCRIPTION	QTY	UNIT	REMARKS
3	HINGES	TA2714	630	MK
1	DUST PROOF STRIKE	570	32D	RO
1	LOCKSET	CONTRACTORS DISCRETION		NOTE 2
1	DOOR CLOSER	DC621x11	689	CO
1	GASKETING	S888 x HEAD & JAMBS		PE

NOTES:

- WOOD VENEER FACE-PREMIUM GRADE, ROTARY CUT, WHITE BIRCH, PRE-FINISH
- LOCKSET TO RECEIVE BEST CORE 7 PIN SMALL FORMAT CORES.

ACCESSORY SCHEDULE

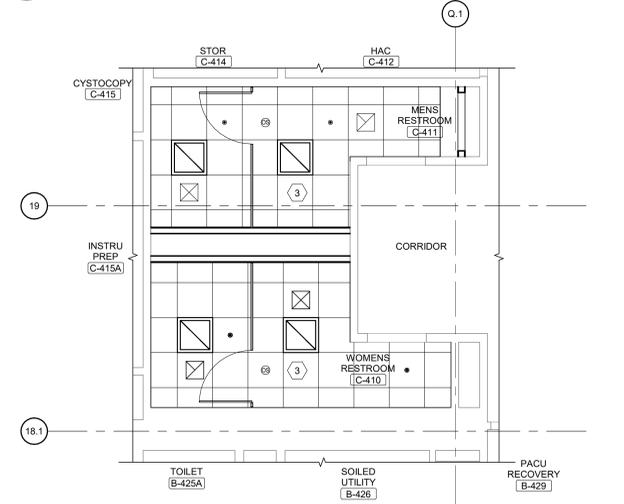
JSN # (Type Mark)	Quantity	JSN Description	JSN Furniture / Installation	DATA	POWER	MECHANICAL	BLOCKING REQUIRED
C-410 WOMENS RESTROOM							
A1067	1	Mirror, Float Glass, ADA Accessible	CC	No	No	No	Yes
A5075	1	Dispenser, Soap, Disposable	VC	No	No	No	No
A5082	1	Dispenser, Paper Towel, Surface Mounted, Sensor, Hands Free	VC	No	No	No	Yes
A5090	1	Disposal, Sanitary Napkin, SS, Surface Mounted	CC	No	No	No	Yes
A5109	1	Grab Bars with Vertical	CC	No	No	No	Yes
A5200	1	Dispenser, Toilet Tissue, SS, 2-Roll, Surface Mntd	CC	No	No	No	Yes
C-411 MENS RESTROOM							
A1067	1	Mirror, Float Glass, ADA Accessible	CC	No	No	No	Yes
A5075	1	Dispenser, Soap, Disposable	VC	No	No	No	No
A5082	1	Dispenser, Paper Towel, Surface Mounted, Sensor, Hands Free	VC	No	No	No	Yes
A5109	1	Grab Bars with Vertical	CC	No	No	No	Yes
A5200	1	Dispenser, Toilet Tissue, SS, 2-Roll, Surface Mntd	CC	No	No	No	Yes

CONTRACTOR TO COORDINATE WITH VA STANDARD MODELS, STANDARD MODELS USED BY VA SUPERCEDE.

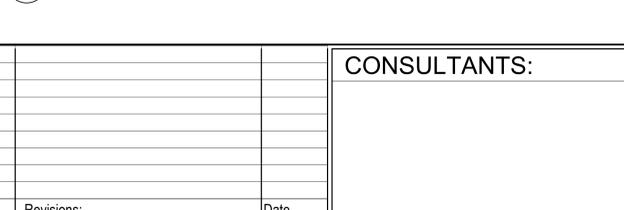
ROOM FINISH SCHEDULE

ROOM NO.	NAME	FLOOR	BASE	WALLS				WAINSCOT FINISH	CEILING FINISH	REMARKS
				EAST	NORTH	SOUTH	WEST			
C-411	MENS RESTROOM	RES-1	RESB-1	PT-1/EP-1	PT-1/EP-1	PT-1/EP-1	PT-1/EP-1	PT-1	6H	ACT-1
C-410	WOMENS RESTROOM	RES-1	RESB-1	PT-1/EP-1	PT-1/EP-1	PT-1/EP-1	PT-1/EP-1	PT-1	6H	ACT-1
C-411A	NURSE CALL CLOSET	EXIST	RB-1	P-1	P-1	P-1	P-1	-	-	-

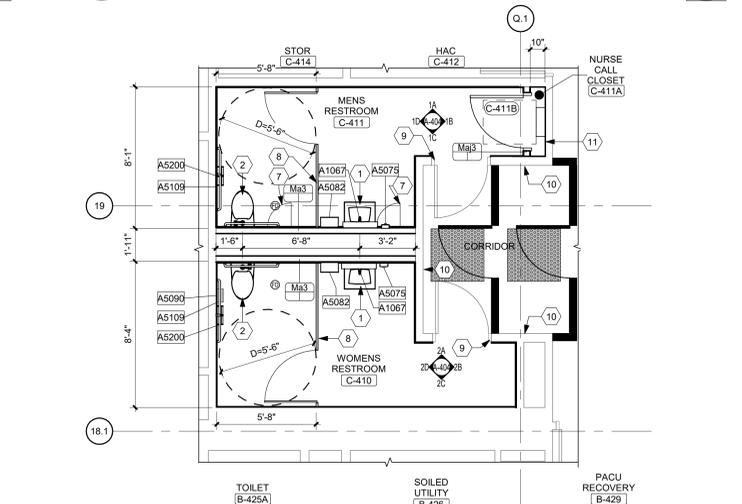
4 RESTROOM DEMOLITION REFLECTED CEILING PLAN
Scale: 1/4" = 1'-0"



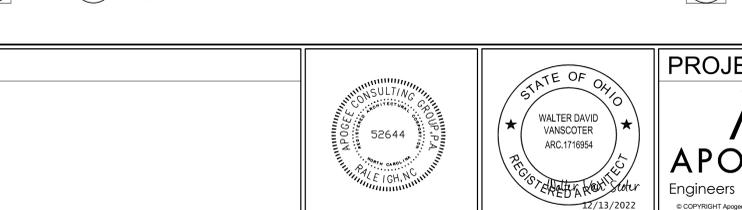
5 RESTROOM REFLECTED CEILING PLAN
Scale: 1/4" = 1'-0"



1 RESTROOM DEMOLITION FLOOR PLAN
Scale: 1/4" = 1'-0"



2 RESTROOM FLOOR PLAN
Scale: 1/4" = 1'-0"



SHEET NOTES:

- ACCESS PANELS ARE NOT PERMITTED IN SOFFITS. CHECK ALL VALVES, FIRE DAMPERS, REHEAT BOXES, ETC. FOR ACCESS POINTS. ARRANGE FIRE AND SMOKE DAMPER ACCESS FROM NON-CORRIDOR SIDE.
- LIGHTS, DIFFUSERS, EXIT SIGNAGE, SPRINKLER HEADS, AND SMOKE DETECTORS MUST BE CENTERED IN CEILING PANELS IN WHICH THEY OCCUR.
- COORDINATE WITH SEPARATE MECHANICAL AND ELECTRICAL DESIGN PACKAGES FOR CEILING MOUNTED DEVICES.
- PAINT CUT EDGES OF ACT TO MATCH CEILING TILE WHERE EXPOSED TO VIEW.
- CONTRACTOR TO REVIEW CEILING LAYOUT AS SHOWN AND NOTIFY ARCHITECT OF ANY CONFLICTS BEFORE PROCEEDING WITH CONSTRUCTION.
- THERE IS APPROXIMATELY 22 LF. OF TEMPORARY WALL TO BE CONSTRUCTED IN THIS AREA.

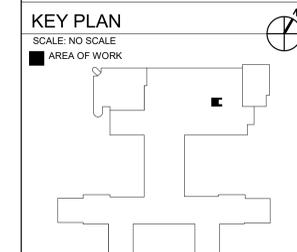
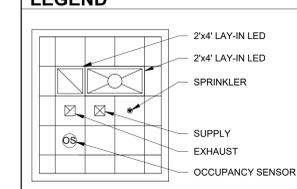
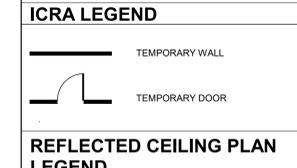
KEY NOTES:

- DEMOLISH EXISTING SINK
- DEMOLISH EXISTING TOILET
- DEMOLISH EXISTING URINAL
- DEMOLISH EXISTING STALL
- REMOVE EXISTING ACT CEILING, INCLUDING ELEC AND MECH FIXTURES
- DEMOLISH FLOORING AND BASE
- DEMOLISH ALL WALL TILE FROM 4" AFF TO ABOVE CEILING, ALL WALLS
- TEMPORARY BARRIER FROM FLOOR TO TIGHT TO UNDERSIDE OF CEILING. CONTRACTORS DISCRETION. MAY USE WALL SYSTEM (STARC WALLS OR ECELEBRUM OR EQUAL) OR BUILD HARD BARRIERS (METAL STUDS AND 5/8" GYP. BD BOTH SIDES. BARRIERS TO BE AIRTIGHT)

KEY NOTES:

- NEW SINK
- NEW TOILET
- NEW 2X2' ACT CEILING (ACT-1) BASIS OF DESIGN: ARMSTRONG ULTIMA HEALTH ZONE, SQUARE EDGE, ON 15/16" PRELUDE XL GRID - WH OR EQUAL
- EPOXY PAINT BASIS OF DESIGN COLOR: SHERWIN WILLIAMS, NATURAL CHOICE SW7011 OR EQUAL
- 12X24 LARGE FORMAT PORCELAIN TILE (PT-1) RUNNING BOND BASIS OF DESIGN: DAL TILE MODERN OASIS MD08, GENTLE RAIN OR EQUAL
- METAL TRIM
- 18X18 ACCESS PANEL
- NEW CEILING MOUNTED STAINLESS STEEL TOILET PARTITIONS. BRACING ABOVE CEILING AS PER MANUFACTURER'S REQUIREMENTS. BASIS OF DESIGN: HADRIAN, STAINLESS STEEL, STANDARD OR EQUAL
- PAINT EXISTING DOOR FRAME. COLOR TO BE SELECTED BY VA. URETHANE ALKYD ENAMEL - 2 COATS
- PAINT ALCOVE FROM TOP OF EXISTING BASE TO CEILING. COLOR TO BE SELECTED BY VA. ACRYLIC - 2 COATS
- 1/2" PLYWOOD ON INTERIOR FACE OF WALL.

- ICRA LEGEND**
- TEMPORARY WALL
 - TEMPORARY DOOR



FULLY SPRINKLERED
100% CONSTRUCTION DOCUMENTS

CONSULTANTS:

#	Revisions:	Date

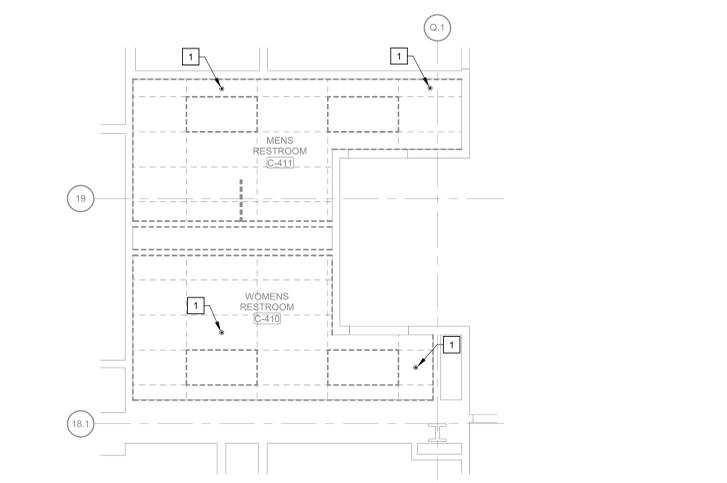
APOGEE CONSULTING GROUP, P.A.
526-44
REGISTERED PROFESSIONAL ENGINEER
12/13/2022

PROJECT MANAGER
ACG Project Number 21-287
Headquarters:
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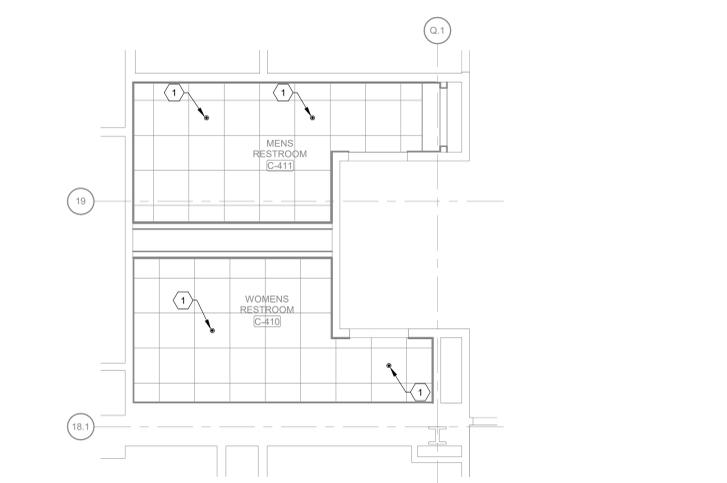
Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title
RESTROOM ENLARGED PLANS
Location
ROBLEY REX VA MEDICAL CENTER
800 ZORN AVENUE
LOUISVILLE, KENTUCKY 40206

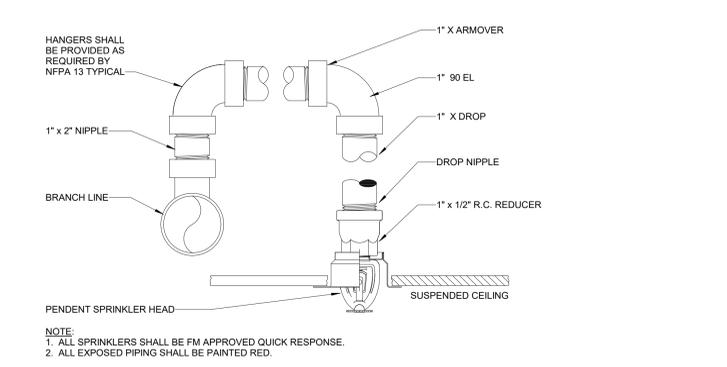
Project Title
ASU PACU SAFETY IMPROVEMENTS
T-694
Approved
Date: DECEMBER 14, 2022
Checked: WVS
Drawn: BLN
VA PROJECT NUMBER: 603-22-601
Building Number: # 1
Drawing Number: **A-404**
Dwg 6 of 6



1 RESTROOM FIRE PROTECTION DEMOLITION PLAN
Scale: 1/4" = 1'-0"



2 RESTROOM FIRE PROTECTION PLAN
Scale: 1/4" = 1'-0"



3 SEMI-RECESSED PENDENT SPRINKLER DETAIL
Scale: No Scale

FIRE SUPPRESSION SYMBOLS & ABBREVIATIONS			
NOTE: NOT ALL SYMBOLS MAY BE USED ON THIS PROJECT			
—FL—	FIRE LINE	FPC	FIRE PROTECTION CONTRACTOR
—DRAIN—	FIRE DRAIN	—	EXTERIOR ALARM GONG (WATER ACTIVATED)
○	UPRIGHT SPRINKLER HEAD	—	BACKFLOW PREVENTER
●	SEMI-RECESSED SPRINKLER HEAD	—	CHECK VALVE
○	CONCEALED SPRINKLER HEAD	—	GATE VALVE
●	PENDANT SPRINKLER HEAD	—T&D—	TEST AND DRAIN ASSEMBLY
◀	SIDEWALL SPRINKLER HEAD	—TS—	TAMPER SWITCH
—	FIRE DEPARTMENT CONNECTION (FDC)	—FS—	FLOW SWITCH
#	NEW WORK KEYNOTE	—	LIGHT HAZARD
#	DEMOLITION KEYNOTE	—	ORDINARY HAZARD GROUP 1 OCCUPANCY
—	POINT OF NEW CONNECTION	—	ORDINARY HAZARD GROUP 2 OCCUPANCY
—	LIMIT OF DEMOLITION	—	DETAIL MODULE NUMBER
		—	DETAIL OR SECTION MARK SHOWN ON DRAWING

- ### INFECTION CONTROL MEASURES
- CONTRACTOR SHALL COMPLY WITH THE VA'S INFECTION CONTROL RISK ASSESSMENT REQUIREMENTS AND WRITTEN DUST CONTROL PLAN.
 - EXISTING AIR QUALITY REQUIREMENTS AND OTHER UTILITY REQUIREMENTS FOR OCCUPIED AREAS SHALL BE MAINTAINED.
 - RENOVATION AREAS SHALL BE ISOLATED FROM OCCUPIED AREAS DURING CONSTRUCTION USING AIRTIGHT BARRIERS. PROVIDE EXHAUST AIRFLOW IN A MANNER THAT SHALL BE SUFFICIENT TO MAINTAIN NEGATIVE AIR PRESSURE IN THE CONSTRUCTION ZONE. COORDINATE TEMPORARY BARRIERS WITH INTERM LIFE SAFETY MEASURES.
 - FIRE PROTECTION SYSTEM REVISIONS SHALL BE PROPERLY PERFORMED TO LIMIT WATERBORNE OPPORTUNISTIC PATHOGENS.
 - CRUCIAL VENTILATION SPECIFICATIONS FOR AIR BALANCE AND FILTRATION SHALL BE VERIFIED BEFORE COR ACCEPTANCE.

- ### BUILDING AND OCCUPANT SAFETY - INTERRUPTION OF FIRE PROTECTION SERVICE
- DURING THE TIME THAT THE FIRE PROTECTION RENOVATION WORK IS BEING PERFORMED, AND THE FIRE PROTECTION SYSTEM IS OUT OF COMMISSION, CONTRACTOR SHALL HAVE SUFFICIENT PERSONNEL ONSITE TO KEEP A 'FIRE WATCH' ON THE FACILITY IN ACCORDANCE WITH VA REQUIREMENTS. AN OUT OF SERVICE TAG MUST BE PLACED AT THE FIRE ALARM PANEL AND THE FIRE DEPARTMENT CONNECTION. REFER TO INTERNATIONAL FIRE CODE CHAPTER 9, SECTION 901.7.
 - FIRE WATCH PERSONNEL ARE TO KEEP WATCH FOR FIRES IN THE GENERAL AREA OF PERFORMANCE. THE PERSONS PERFORMING THE FIRE WATCH ARE NOT PERMITTED TO PERFORM ANY OTHER DUTIES.
 - FIRE WATCH PERSONNEL ARE TO HAVE FIRE EXTINGUISHING EQUIPMENT READILY AVAILABLE AND TO BE TRAINED IN ITS USE.
 - THE QUANTITY OF PERSONNEL INVOLVED IN THE FIRE WATCH IS TO BE ADEQUATE SUCH THAT EACH FLOOR, LEVEL, AND ROOM OF THE FIRE AREA IS COVERED.
 - IN AREAS WHERE THE CEILING IS REMOVED, CONTRACTOR SHALL RELOCATE SPRINKLER HEADS TO WITHIN 12' OF THE DECK/CEILING UNTIL CEILING IS INSTALLED.

- ### FIRE SUPPRESSION DEMOLITION GENERAL NOTES
- LOCATIONS SHOWN FOR EXISTING FIRE PROTECTION PIPE AND EQUIPMENT ARE APPROXIMATE. FIELD VERIFY THE EXACT LOCATIONS OF EXISTING FIRE PROTECTION LINES AND EQUIPMENT INCLUDING RISERS AND VALVES PRIOR TO START OF WORK.
 - COORDINATE WITH COR FOR ANY SHUTDOWNS OR PLANNED INTERRUPTIONS OF THE FIRE PROTECTION SERVICE. GIVE THE COR THREE (3) DAYS NOTICE PRIOR TO PLANNED SHUTDOWN OR INTERRUPTION.
 - COORDINATE DEMOLITION OF FIRE PROTECTION PIPING WITH OTHER PIPING WHICH IS NOT TO BE REMOVED. PROTECT OTHER PIPING WHICH IS NOT TO BE REMOVED FROM DAMAGE, DIRT, AND DEBRIS.
 - FIRE PROTECTION RELATED EQUIPMENT AND PIPING WHICH IS REMOVED FROM THE BUILDING IS TO BE TAKEN OFFSITE AND DISPOSED OF.
 - REMOVE SPRINKLER MAINS, BRANCHES AND SPRINKLERS BACK TO THE ZONE CONTROL VALVE AS NEEDED TO INSTALL NEW SPRINKLER SYSTEM.

- ### FIRE SUPPRESSION GENERAL NOTES
- USE NFPA-13 (CURRENT EDITION), CHAPTER 28, "PLANS AND CALCULATIONS" AS A GUIDELINE WHEN PREPARING SUBMITTALS FOR REVIEW. DISREGARD ONLY THOSE ITEMS NOT APPLICABLE TO THE INDIVIDUAL BUILDING SYSTEM. FIRE PROTECTION MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA-13 FOR THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEM.
 - COMPLY WITH THE INTERNATIONAL BUILDING CODE (LATEST ADOPTED EDITION). INSTALLATION SHALL COMPLY WITH VA REQUIREMENTS. SYSTEM SHALL ALSO BE IN COMPLIANCE WITH ALL REQUIRED PLUMBING CODES.
 - REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ROOM FINISH SCHEDULE WHICH INDICATE CEILING HEIGHTS. COORDINATE WITH ARCHITECT'S REFLECTED CEILING PLAN FOR LOCATION OF SPRINKLER HEADS IN AREAS WITH CEILINGS. LOCATE HEADS IN AREAS WITHOUT CEILINGS AS REQUIRED BY NFPA AND VA REQUIREMENTS FOR THE APPROPRIATE HAZARD CLASSIFICATION.
 - THIS FACILITY IS FULLY SPRINKLERED. FIRE SUPPRESSION SYSTEM SHALL BE WET PIPE TYPE SYSTEM WITH COMPLETE SPRINKLER PROTECTION UNLESS NOTED OTHERWISE. SYSTEM TO BE DESIGNED AS REQUIRED BY NFPA AND VA REQUIREMENTS FOR THE APPROPRIATE HAZARD CLASSIFICATION.
 - SPRINKLER HEAD LAYOUTS INDICATED ARE BASED ON OCCUPANCY HAZARD CLASSIFICATIONS OUTLINED IN NFPA-13 AND VA STANDARDS.
 - HYDRAULICALLY CALCULATE SPRINKLER IN ACCORDANCE WITH REQUIREMENTS FOR APPROPRIATE HAZARD OCCUPANCY. PROVIDE ACTUAL NUMBER OF HEADS, REQUIRED SPACING AND PIPE ROUTINGS AS REQUIRED FOR CLEARANCE WITH STRUCTURAL CONDITIONS AND OTHER TRADES TO PROVIDE A COMPLETE AND OPERABLE SYSTEM IN ACCORDANCE WITH NFPA AND VA REQUIREMENTS.
 - FIRE PROTECTION CONTRACTOR SHALL OBTAIN FLOW TEST DATA INDICATING THE WATER FLOW, STATIC PRESSURE AVAILABLE WITH NO FLOW, AND RESIDUAL PRESSURE AT FULL FLOW TO THE FACILITY. SUBMIT HYDRAULIC CALCULATIONS AND PLANS RELATED TO A MINIMUM OF 1 REMOTE AREA FOR REVIEW.
 - PIPING IS SHOWN IN SCHEMATIC FORM TO INDICATE APPROXIMATE ARRANGEMENT OF EQUIPMENT AND PIPING. SPRINKLER CONTRACTOR SHALL DESIGN THE SYSTEM AND ROUTE PIPING AS REQUIRED FOR CONFORMANCE WITH ACTUAL BUILDING CONDITIONS AND NFPA REQUIREMENTS. COORDINATE SPRINKLER WORK WITH ALL OTHER TRADES TO AVOID CONFLICT.
 - SUPPORT NEW PIPING AND EQUIPMENT FROM STRUCTURE. PROVIDE ALL SUPPLEMENTAL STEEL TO SPAN BETWEEN PRIMARY BUILDING STRUCTURAL MEMBERS. DESIGN SUPPLEMENTAL STEEL AND SUPPORTS INCLUDING REACTION LOADS AT PRIMARY BUILDING STRUCTURAL MEMBERS.
 - PROVIDE SPRINKLER HEADS IN CONCEALED LOCATIONS IN ACCORDANCE WITH NFPA REQUIREMENTS.
 - CLEAN ENTIRE WORK AREA OF ALL DUST, DIRT, AND OTHER DEBRIS. MAINTAIN WORK AREA IN CLEAN CONDITION.
 - PROVIDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, ETC. REQUIRED FOR COMPLETE AND FUNCTIONAL SYSTEM AS SPECIFIED AND INDICATED ON THE DRAWINGS.
 - SUBMIT ONE COMPLETE SET OF AUTOMATIC SPRINKLER SYSTEM DRAWINGS, HYDRAULIC CALCULATIONS, CURRENT WATER FLOW TEST, AND THE EQUIPMENT DATA BROCHURES PREPARED BY OR UNDER THE SUPERVISION OF, AND SEALED BY A PROFESSIONAL ENGINEER.
 - REPAIR OR REPLACE NON-CONFORMING AND INADEQUATE WORK AT NO ADDITIONAL COST TO THE VA.
 - PROVIDE FIRE STOPS / SEALANT AT ALL PIPE PENETRATIONS THROUGHOUT FIRE RATED WALLS. REVIEW ARCHITECTURAL PLANS PRIOR TO BIDDING AND INDICATE PENETRATIONS ON SPRINKLER LAYOUT SUBMITTAL.
 - FLOW AND TAMPER SWITCHES ARE TO BE PURCHASED AND INSTALLED AS WORK OF DIVISION 21. PROVIDE WIRING TO FLOW AND TAMPER SWITCHES AS WORK OF DIVISION 26.
 - WATER SERVICE AND DETECTOR TYPE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER TO BE PROVIDED AND TESTED AS WORK OF DIVISION 22. INCORPORATE ASSOCIATED PRESSURE DROP OF SELECTED BACKFLOW PREVENTER DEVICE IN HYDRAULIC CALCULATIONS.
 - FURNISH AND INSTALL ARMORER SUPPORTS FOR ALL END OF LINE BRANCH LINES IN ACCORDANCE WITH NFPA-13.
 - ALL DROPS TO SPRINKLER HEADS SHALL TEE / ELBOW OFF TOP OF BRANCH PIPE, EXCEPT WHERE STRUCTURAL, ARCHITECTURAL OR MECHANICAL EQUIPMENT CONDITIONS PRECLUDE CONNECTION AT TOP OF PIPE.
 - SPRINKLER HEADS SHALL BE IN A SYMMETRICAL PATTERN, NOT NECESSARILY IN THE CENTER OF ROOMS OR CORRIDORS. LOCATE CENTERED IN CEILING TILE WHERE POSSIBLE.
 - LOCATE THE INSPECTOR'S TEST CONNECTION AND MAIN DRAIN LOCATIONS IN ACCORDANCE WITH NFPA-13.
 - FIRE DEPARTMENT CONNECTION SHALL BE LOCATED NOT MORE THAN 100 FEET AWAY FROM THE NEAREST FIRE HYDRANT CONNECTED TO AN APPROVED WATER SUPPLY AND SHALL BE LOCATED NOT LESS THAN 18 INCHES, NOR MORE THAN 48 INCHES ABOVE ADJACENT SURFACE.
 - STANDPIPES SHALL BE PROVIDED IN EACH REQUIRED EGRESS STAIRWAY, WITH 4 INCH DIAMETER MINIMUM SIZE.
 - CLASS 1 SYSTEM SHALL BE PROVIDED WITH 2 1/2 INCH HOSE CONNECTIONS AT EACH INTERMEDIATE LANDING BETWEEN FLOORS IN EACH REQUIRED EGRESS EXIT STAIRWAY. COORDINATE TYPE OF HOSE CONNECTIONS WITH THE LOCAL FIRE DEPARTMENT.

THE FIRE PROTECTION DRAWING IS DESIGNED TO BE IN CONFORMANCE WITH NFPA 13. IT IS A PERFORMANCE BASED DRAWING INDICATING THE EXTENT OF FIRE PROTECTION WORK FOR THE AREA THAT THIS DRAWING REPRESENTS. THIS DRAWING IS FOR INFORMATION ONLY, AS A REFERENCE FOR THE FIRE PROTECTION CONTRACTOR TO BASE THE DESIGN OF THE FIRE PROTECTION SYSTEM ON. THE CONTRACTOR SHALL VERIFY THE EXACT CONDITIONS THAT THIS DRAWING REPRESENTS, INCLUDING ANY PERCEIVED CONCEALED SPACES, AND THE BUILDING TYPE AND CONSTRUCTION AS OUTLINED IN THE INTERNATIONAL BUILDING CODE. PRIOR TO THE START OF WORK, REFER TO THE INTERNATIONAL BUILDING CODE, NFPA 13, AND THE PROJECT SPECIFICATIONS FOR OTHER FIRE PROTECTION REQUIREMENTS.

SHEET NOTES:

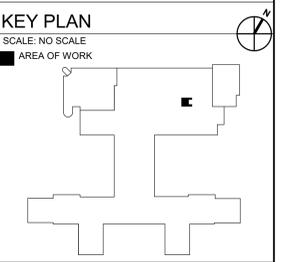
- PROVIDE NEW SPRINKLERS HEADS AS PER NEW LAYOUT.
- REUSE EXISTING MAINS. PROVIDE NEW BRANCH PIPING AS REQUIRED FOR NEW LAYOUT.
- EXISTING FIRE AND SMOKE ZONES SHALL BE MAINTAINED.
- FOR HAZARD CLASSIFICATION, REFER TO SPECIFICATIONS.

KEY NOTES:

- REMOVE EXISTING SPRINKLER HEADS.

KEY NOTES:

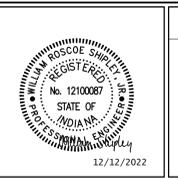
- PROVIDE NEW PENDANT TYPE SEMI-RECESSED SPRINKLER HEAD.



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100% CONSTRUCTION DOCUMENTS**

#	Revisions:	Date

CONSULTANTS:



PROJECT MANAGER
ACG Project Number 21-287

Headquarters:
APOGEE CONSULTING GROUP, P.A.
1151 Kildaire Farm Road, Suite 120
Cary, North Carolina 27511

www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: **FIRE SUPPRESSION GENERAL INFORMATION, PLANS, AND DETAILS**

Location: **ROBLEY REX VA MEDICAL CENTER
800 ZORN AVENUE
LOUISVILLE, KENTUCKY 40206**

Project Title: **ASU PACU SAFETY IMPROVEMENTS**
T-694

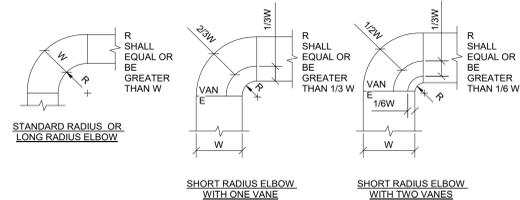
Approved: _____
Date: DECEMBER 14, 2022

Checked: WRS, RCM
Drawn: WRS

VA PROJECT NUMBER: 603-22-601
Building Number: # 1
Drawing Number: **FX001**
Dwg 1 of 1

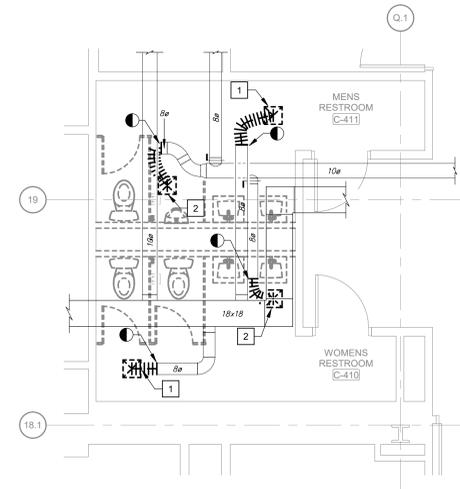
SHEET NOTES:

- A. COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.
- B. UNLESS NOTED OTHERWISE, ALL DIFFUSERS AND GRILLE RUN-OUTS ARE THE SAME SIZE AS THE NECK DUCT CONNECTION SIZE SPECIFIED IN THE AIR DEVICE SCHEDULE.
- C. ALL DIFFUSER AND GRILLE TAKEOFFS SHALL INCLUDE A BALANCING DAMPER.
- D. SEE ARCHITECTURAL CEILING PLAN FOR CEILING TYPES AS WELL AS DIFFUSER AND GRILLE PLACEMENT WITHIN THE CEILING.



- NOTES:**
1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
 2. ALL STANDARD ELBOWS CAN BE SUBSTITUTED WITH SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

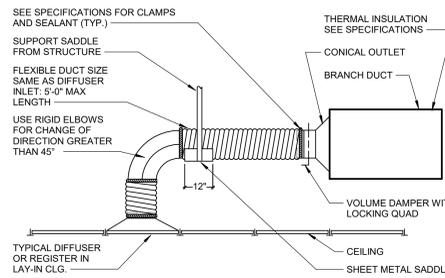
3 DUCTWORK RADIUS ELBOW
Scale: No Scale



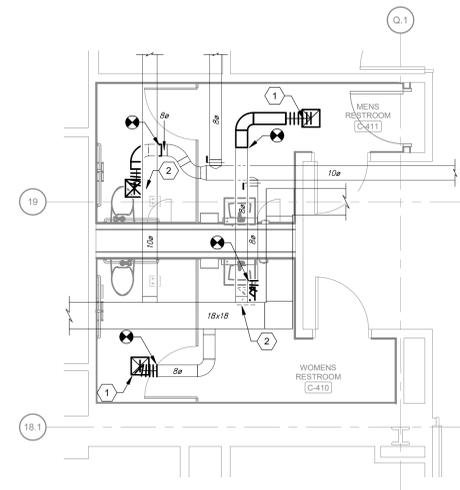
1 RESTROOM MECHANICAL DEMOLITION PLAN
Scale: 1/4" = 1'-0"

KEY NOTES:

- 1 REMOVE EXISTING EXHAUST GRILLE AND FLEX DUCT SHOWN
- 2 REMOVE EXISTING SUPPLY DIFFUSER AND FLEX DUCT SHOWN.



4 FLEX AIR DUCT CONNECTOR DETAIL
Scale: No Scale

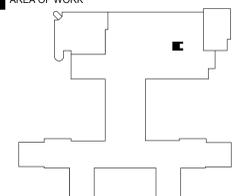


2 RESTROOM MECHANICAL PLAN
Scale: 1/4" = 1'-0"

KEY NOTES:

- 1 PROVIDE NEW EXHAUST GRILLE EG-1 AND BALANCE TO 160 CFM.
- 2 PROVIDE NEW SUPPLY DIFFUSER SD-1. BALANCE TO 100 CFM.

KEY PLAN
SCALE: NO SCALE
AREA OF WORK



WALL RATING LEGEND



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AIR DEVICE SCHEDULE (EXHAUST)												
DIFFUSER MARK	TYPE	AIRFLOW		MAX. APD	MOUNTING	PANEL/FRAME SIZE	NECK SIZE	MAX NC	DAMPER	FINISH	MATERIAL	REMARKS
		MIN.	MAX.									
EG-1	EGG CRATE	110	170	0.09 in-wg	CEILING	12x12	8"Ø	13	No	WHITE	STEEL	1

- NOTES:**
1. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

AIR DEVICE SCHEDULE (SUPPLY)												
DIFFUSER MARK	TYPE	AIR FLOW		MAX. APD	MOUNTING	PANEL/FRAME SIZE	NECK SIZE	MAX NC	DAMPER	FINISH	MATERIAL	REMARKS
		MIN.	MAX.									
SD-1	LOUVERED FACE	70	200	0.10 in-wg	CEILING	12x12	8"Ø	23	No	WHITE	STEEL	1

- NOTES:**
1. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

CONSULTANTS:



PROJECT MANAGER

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Office of
Construction
and Facilities
Management



Drawing Title
**RESTROOM MECHANICAL PLANS,
DETAILS, AND SCHEDULES**
Location
**ROBLEY REX VA MEDICAL CENTER
800 ZORN AVENUE
LOUISVILLE, KENTUCKY 40206**

Project Title
**ASU PACU SAFETY
IMPROVEMENTS**
T-694

Approved
Date
Checked
Drawn

VA PROJECT NUMBER
603-22-601
Building Number
1
Drawing Number
M-101
Dwg 2 of 2

#	Revisions:	Date

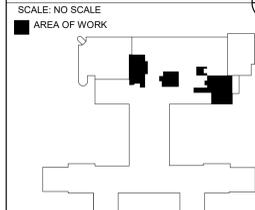
SHEET NOTES:

- A. ALL CONDUCTORS SHALL BE 2-12 AWG, 1-12 AWG EG IN 3/4" CONDUIT MINIMUM UNLESS NOTED OTHERWISE.
- B. COORDINATE LOCATION AND ELECTRICAL REQUIREMENTS OF ALL MECHANICAL AND PLUMBING EQUIPMENT WITH MECHANICAL AND PLUMBING CONTRACTORS.
- C. COORDINATE EQUIPMENT WITH ARCHITECTURAL EQUIPMENT PLANS AND SCHEDULES.
- D. ALL UNSWITCHED EXIT SIGNS, EMERGENCY LIGHTS SHALL BE CIRCUITED FROM EMERGENCY CIRCUIT INDICATED AHEAD OF ANY CONTROLS OF SWITCHING.
- E. COORDINATE ALL TIME DELAY, AUTO DIM, PRESET DIMMING LEVELS, SENSOR SENSITIVITY AND CONFIGURATIONS WITH THE VA.
- F. ALL NURSE CALL DEVICES AND ELECTRICAL RECEPTACLES ARE NEW TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
- G. ALL LIGHTS SHOWN ON THE BATHROOM ELECTRICAL PLAN (ET-401/VIEW 3) ARE NEW TO BE PROVIDED AND INSTALLED BY THE CONTRACTOR. LIGHTS INDICATED ON OTHER VIEWS ARE EXISTING TO REMAIN.

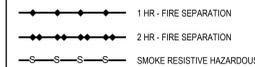
KEY NOTES:

- 1 UTILIZE SPARE 20A BREAKER IN PANEL 'BEMG-A'.
- 2 POWER FOR NURSING HEADEND EQUIPMENT.
- 3 NEW NURSING HEAD END EQUIPMENT.
- 4 RE-INSTALL AND CONNECT DOOR OPERATORS TO EXISTING CIRCUIT.
- 5 NEW HANDWAVE FOR DOOR OPERATOR.
- 6 PANEL 'BEMG-A' UTILIZE SPARE 20A BREAKER TO PROVIDE POWER FOR NEW NURSE CALL EQUIPMENT CABINET AND BATHROOM CIRCUITS.

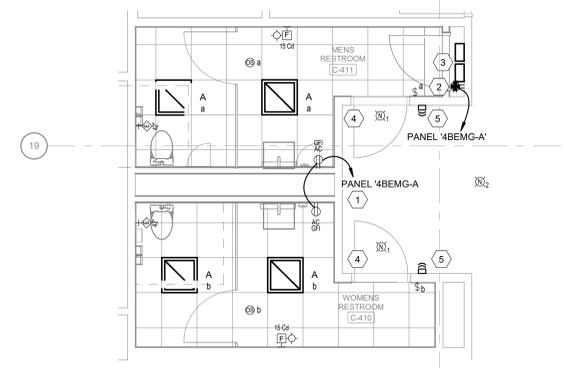
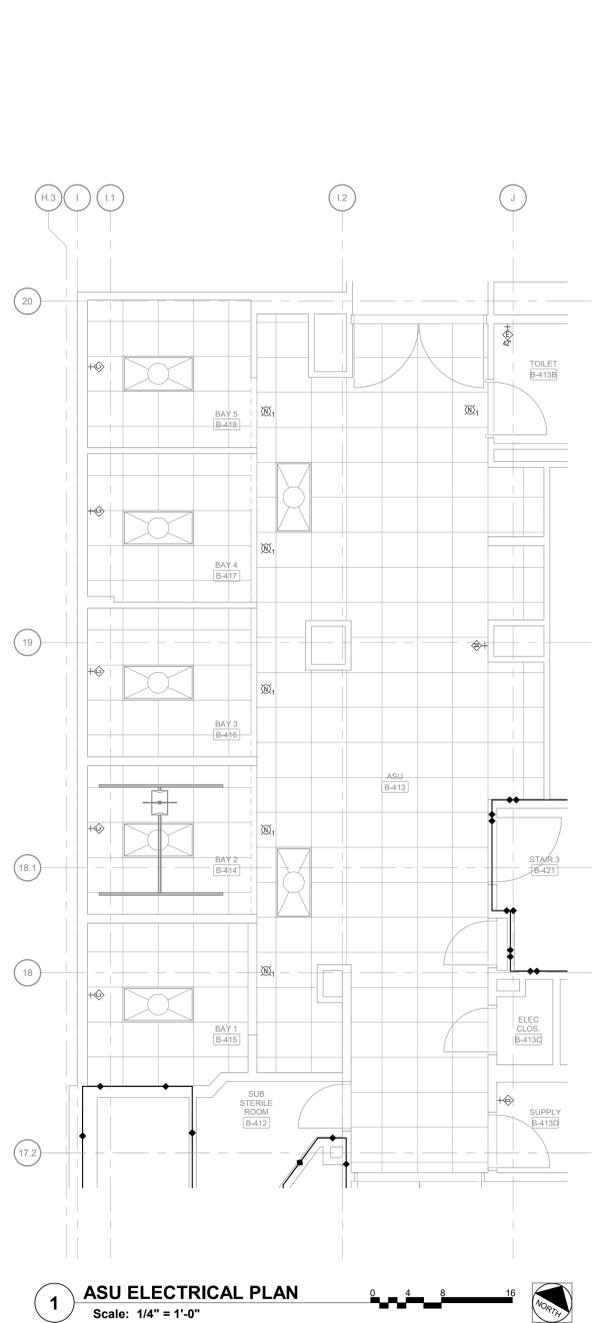
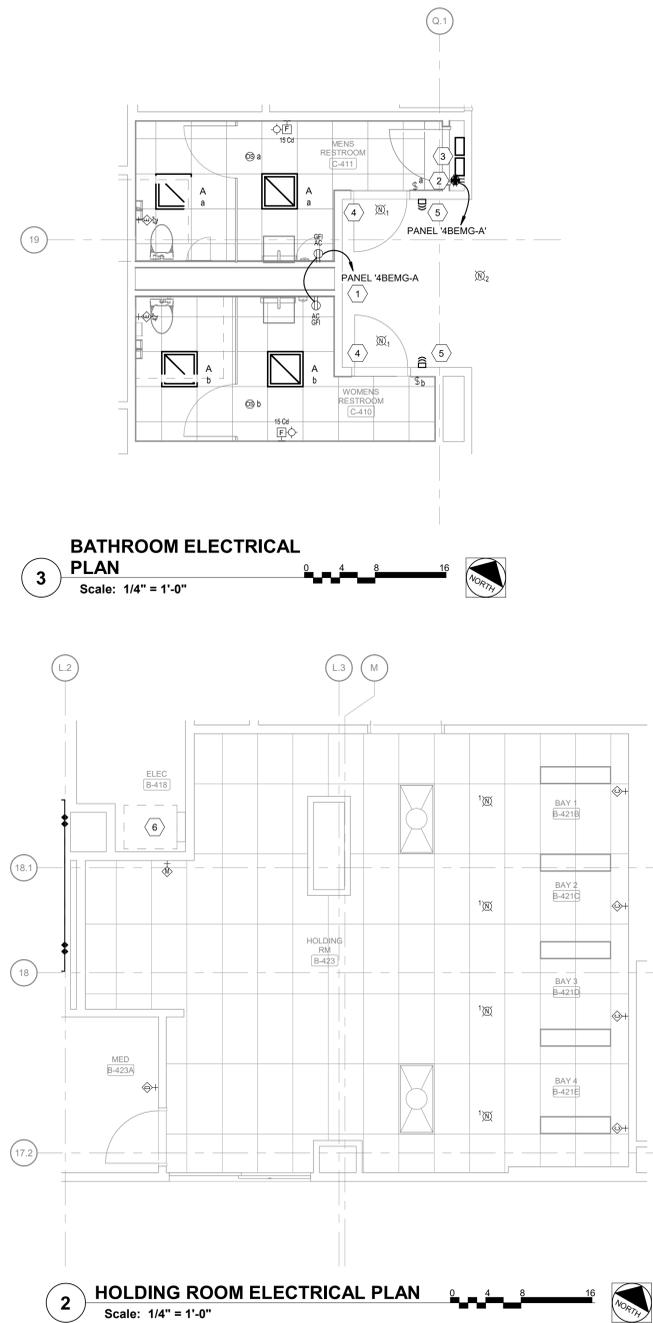
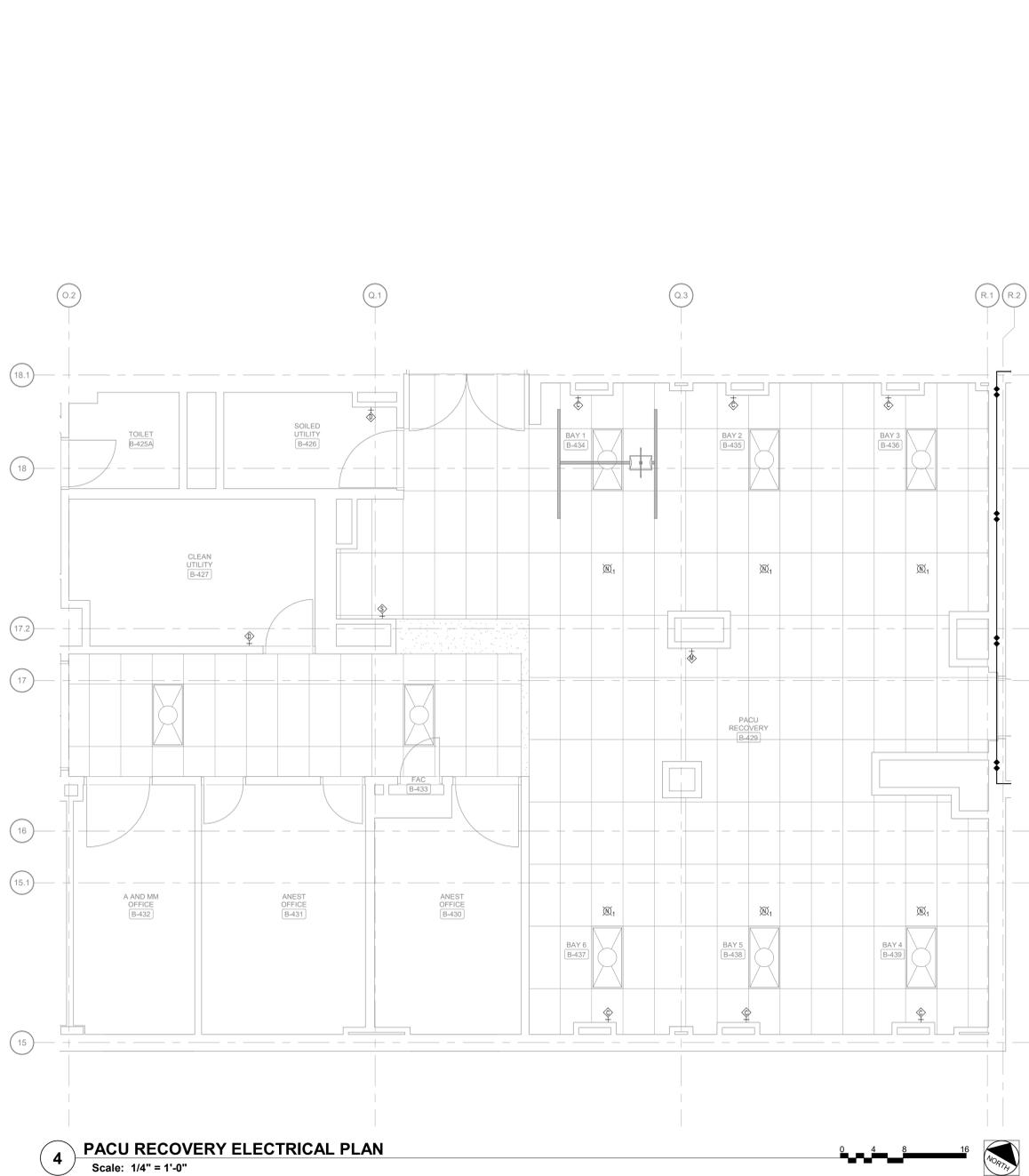
KEY PLAN



WALL RATING LEGEND

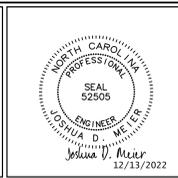


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CONSULTANTS:



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ACG Project Number 21-287

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1151 Kildaire Farm Road, Suite 120
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www.acg-pa.com 919-858-7420

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: **ASU ENLARGED PLANS NEW WORK**

Location: **ROBLEY REX VA MEDICAL CENTER
800 ZORN AVENUE
LOUISVILLE, KENTUCKY 40206**

Project Title: **ASU PACU SAFETY IMPROVEMENTS**

Approved: [Signature]

Date: DECEMBER 14, 2022

Checked: JDM

Drawn: HT

VA PROJECT NUMBER: 603-22-601

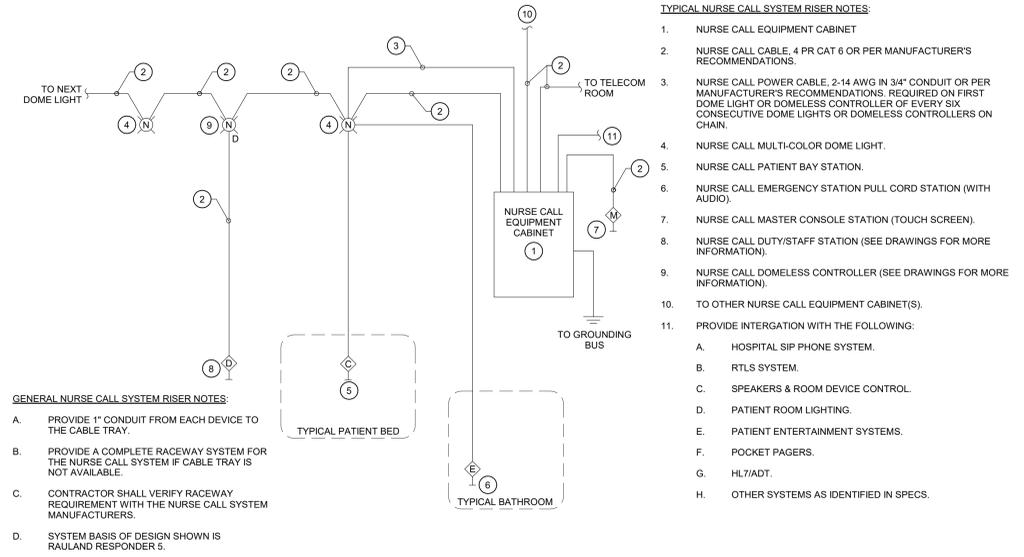
Building Number: T-694

1

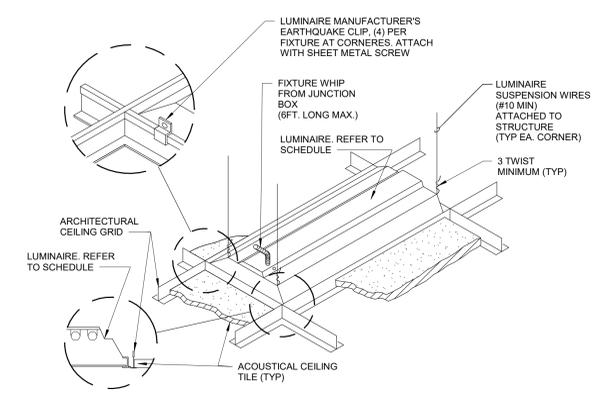
Drawing Number: **ET-401**

Dwg 3 of 4

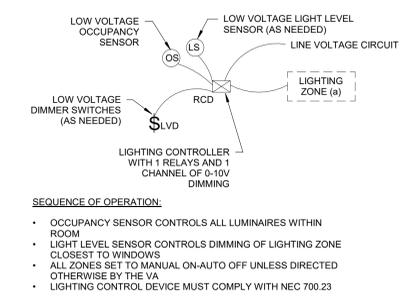
LUMINAIRE SCHEDULE									
GENERAL NOTES:									
A. MANUFACTURER AND CATALOG NUMBERS SHOWN ARE FOR BASIS OF DESIGN, DESCRIPTIVE AND QUALITY STANDARDS ONLY. NOT TO BE USED FOR ORDERING WITHOUT VERIFICATION AND APPROVAL. CONTRACTOR TO PROVIDE PRODUCT OR EQUAL FOR APPROVAL BY OWNER, ARCHITECT AND ENGINEER. ENGINEER SHALL NOT BE RESPONSIBLE FOR MISMATCHED OR INACCURATE PART NUMBERS.									
B. FOR ALL LED FIXTURES, THE FIXTURE SHALL BE CAPABLE OF SELF-RESETTING TO THE SWITCHED/CONTROLLED STATE DURING ANY FLUCTUATION IN POWER SUPPLY WHERE AUTOMATIC PROTECTIVE MEASURES DISABLE THE LED LAMPS. PROVIDE A LETTER OR STATEMENT FROM THE MANUFACTURER, OR OTHER ACCEPTABLE PROOF, THAT ALL LED FIXTURES, WITH OR WITHOUT BROWNOUT PROTECTION, SHALL RETURN TO THE SWITCHED/CONTROLLED STATE AUTOMATICALLY. PROVIDE STATEMENT WITH THE FIXTURE SUBMITTALS.									
C. LIGHTING CONTROLS, INCLUDING CONTROL SCHEMATICS, DEVICES, SWITCHES, SENSORS AND GRAPHIC DISPLAYS/CONTROLLERS. THIS INFORMATION MUST BE SUBMITTED WITH THE LIGHT FIXTURE SHOP DRAWINGS, FOR A COMPLETE REVIEW.									
TYPE	DESCRIPTION	MOUNTING	LAMP	DRIVER	VOLTAGE	WATTS	MANUFACTURER	MODEL NUMBER	
A	2' X 2' LED PANEL	RECESSED GRID	LED: 3200 LUMENS; 90 CRI; 3500K	0-10V DIMMABLE TO 5% DRIVER	277.00 V	31 W	LITHONIA	CPX-2X2-3200LM-80CRI-35K-SWL-MIN10-ZT-MVOLT-8AA	



1 NURSE CALL RISER DIAGRAM
Scale: N.T.S.



2 LUMINAIRE MOUNTING - LAY-IN CEILING
Scale: N.T.S.



3 SINGLE RELAY ROOM CONTROLLER DIAGRAM
Scale: N.T.S.

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100% CONSTRUCTION DOCUMENTS

#	Revisions:	Date	CONSULTANTS:		PROJECT MANAGER ACG Project Number 21-287 Headquarters: Apogee Consulting Group, P.A. 1151 Kildaire Farm Road, Suite 120 Cary, North Carolina 27511 www.acg-pa.com 919-858-7420	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title ELECTRICAL DETAILS Location ROBLEY REX VA MEDICAL CENTER 800 ZORN AVENUE LOUISVILLE, KENTUCKY 40206	Project Title ASU PACU SAFETY IMPROVEMENTS T-694 Approved Date: DECEMBER 14, 2022 Checked: JDM Drawn: JDM	VA PROJECT NUMBER 603-22-601 Building Number # 1 Drawing Number ET-501 Dwg 4 of 4
					VA FORM 08-6231				