

Emergency Department Safe Room

Project #662-17-016

DEMO / GENERAL NOTES:

Contractor shall protect from damage all existing to remain work and new work.

Contractor shall be responsible for maintaining continuity of all existing to remain devices.

Devices shown on plan are diagrammatic. The contractor shall field verify all devices and locations.

(EX), EX OR "EXIST" -INDICATED EXISTING TO REMAIN

ALL DEMOLITION, RENOVATION AND NEW WORK PERFORMED SHALL BE DONE IN A MANNER, COMPATIBLE WITH PROTECTING EXISTING EQUIPMENT AND SYSTEMS THAT ARE NOT IN CONTRACT WORK, OTHER SYSTEMS IN BUILDINGS INTER-TIED WITH THIS BUILDING, ETC. ANY DAMAGE DONE TO SUCH SYSTEMS AND THEIR ASSOCIATED EQUIPMENT SHALL BE REPAIRED AND/OR REPLACED AT THE ELECTRICAL CONTRACTOR'S EXPENSE.

Outlet boxes located in walls that are to be removed, Contractor shall assure the continuity by rewiring and connecting as required.

WHERE NEW DEVICES ARE INDICATED TO BE INSTALLED IN EXISTING WALLS, CONTRACTOR SHALL CUT WALL AS REQUIRED TO ROUTE CONCEALED CONDUIT AND SET BOXES FLUSH. CONTRACTOR SHALL PATCH AND REFINISH WALL. SURFACE TO MATCH EXISTING.

EXISTING CONDUITS AND BACK BOXES THAT ARE IN PLACE, CAN BE RE-USED WHERE FEASIBLE AND NOT DAMAGED. NEW WIRING, DEVICES AND COVER PLATES SHALL BE INSTALLED. DO NOT USE OLD, DISCARDED CONDUIT, FITTINGS AND BOXES IN LIEU OF NEW MATERIAL CALLED OUT ON PLANS.

ITEMS INDICATED FOR RELOCATION REQUIRING EXTENSION OF CIRCUITRY, SHALL HAVE THEIR WIRE AND CONDUIT EXTENDED TO THE NEW LOCATION, IN A WORKMAN LIKE MANNER AND SUITABLE FOR THAT LOCATION. ALL NEW CIRCUITING SHALL BE CONCEALED IN WALLS AND/OR CEILINGS. NO EXPOSED CONDUIT.

ASSOCIATED CIRCUITRY IS DEFINED AS ALL WIRE, CONDUIT, J-BOXES, WIRING DEVICES, DEVICE BOXES, FUSES, DISCONNECT SWITCHES, ETC., ASSOCIATED WITH THE ITEM INDICATED FOR REMOVAL.

ALL ITEMS SCHEDULED FOR DEMOLITION SHALL HAVE THEIR ASSOCIATED CIRCUITRY REMOVED BACK TO THE PANELBOARD. THE PROTECTIVE DEVICE SHALL REMAIN IN PLACE AND SHOWN AS SPARE.

WHERE ITEM INDICATED FOR RELOCATION ARE FOUND TO BE IN DAMAGED CONDITION, THE CONTRACTOR SHALL CALL THE ATTENTION OF THE COR SUCH ITEMS AND RECIEVE FURTHER INSTRUCTIONS PRIOR TO REMOVAL. ITEMS DAMAGED DURING RELOCATION SHALL BE

REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE VA.

ALL CUTTING AND PATCHING REQUIRED FOR INSTALLATION OF RACEWAYS OR EQUIPMENT SHALL BE PERFORMED BY A TRADESMAN EXPERIENCED IN THE WORK REQUIRED.

ANY SURFACE THAT IS ALTERED OR DAMAGED DUE TO ELECTRICAL INSTALLATION, SHALL BE PATCHED AND REFINISHED TO MATCH EXISTING CONDITIONS BY THE CONTRACTOR.

ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK THAT MAY BE REQUIRED TO REMOVE/RELOCATE ANY EXISTING ELECTRICAL EQUIPMENT SUCH THAT ELECTRIC SHOCK HAZARDS TO WORKMEN ARE Eliminated During NEW CONSTRUCTION.

IN AREAS WHERE REMODELING OCCURS. ALL POWER OUTAGES SHALL BE COORDINATED WITH THE COR.

MAKE "AS-BUILT" SCHEDULES WITH NEW TYPED PANELBOARD DIRECTORIES INDICATING CIRCUIT DESCRIPTION (USE OR SPARE). AND LOAD ON CIRCUIT FOR NEW AND EXISTING PANELBOARDS.

CONTRACTOR TO FIELD VERIFIES EXISTING CONDITION.

MAINTAIN ELECTRICAL SERVICE TO LIGHTING FIXTURES AND ELECTRICAL DEVICES THAT ARE TO REMAIN. EXTEND CONDUIT AND WIRE AS REQUIRED WHERE DEMOLITION WORK AFFECTS ELECTRICAL SERVICE TO DOWNSTREAM DEVICES THAT ARE TO REMAIN.

PROTECT EXISTING-TO-REMAIN CEILING, FLOORS, WALLS.

SELECT DEMOLITION MAY BE REQUIRED FOR NEW CONSTRUCTION AND MAY NOT BE DELINEATED ON THIS DRAWING. CAREFULLY COORDINATE DEMOLITION WITH NEW CONSTRUCTION.

BE FAMILIAR WITH THE DEMOLITION REQUIRED BY OTHER TRADES. PERFORM INCIDENTAL ELECTRICAL DEMOLITION WORK AND/OR RELOCATION REQUIRED TO FACILITATE THE DEMOLITION WORK OF OTHER TRADES, WHETHER OR NOT SPECIFICALLY INDICATED.

PROVIDE CODE-COMPLIANT SUPPORT TO EXISTING TO REMAIN UNSUPPORTED CONDUITS AND BOXES WHERE CEILINGS ARE TO BE REMOVED. RE-ROUTE BRANCH CIRCUITS AND RELOCATE JUNCTION BOXES AS REQUIRED TO FACILITATE INSTALLATION OF NEW EQUIPMENT AND SYSTEMS IN CEILING SPACES.

PROVIDE NEW TYPED DIRECTORIES FOR PANELS AFFECTED BY THIS ALTERATION.

TRIPPING OF GFCI RECEPTACLE SHALL NOT AFFECT THE DOWNSTREAM RECEPTACLES.

CONTRACTOR SHALL PROTECT FROM DAMAGE ALL EXISTING TO REMAIN WORK AND NEW WORK.

CONTRACTOR RESPONSIBLE FOR PROVIDING BREAKERS THAT ARE COORINATED WITH EXISTING PANELBOARD MODEL, TYPE AND AIC RATING.

CONTRACTOR TO PROVIDE UPDATED PANEL SCHEDULE INDICATING LOAD DESCRIPTIONS AS WELL AS SPARES AND SPACES

Intercept Existing Homeruns and extend branch circuit wiring to existing panel that has been relocated. Confirm exact homerun location in the field.

The contactor will be held to have examined the premises and satisfied himself as to existing conditions under which he will be obliged to perform this work.

WIRING METHODS USED IN RETURN-AIR PLENUM SPACES SHALL CONFORM TO ARTICLE #300-22(b), AND #800-3(b) OF THE NEC.

ELECTRICAL CONTRACTOR SHALL VERIFY ALL SPECIAL SYSTEMS EQUIPMENT CHARACTERISTICS PRIOR TO ROUGH-IN

TO AVOID CONFLICT, THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR ALL EXISTING OR NEW WORK.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NEC, 1996 EDITION AND ALL LOCAL CODES.

ALL WORK SHALL COMPLY WITH THE AMERICANS with DISABILITIES ACT (ADA).

ALL WIRING IN THIS AREA SHALL BE IN STRICT COMPLIANCE with N.E.C. SECTION 517 WITH SPECIAL ATTENTION TO PROPER GROUNDING TECHNIQUES AND REQUIREMENTS ~ SECTIONS 517

ALL DEVICES SHALL BE HOSPITAL GRADE.

ALL GROUNDING FOR RECEPTACLES TO COMPLY WITH NEC 517 -13 at ALL Treatment ROOM

ALL ELECTRICAL WORK SHALL COMPLY WITH ALL APPLICABLE CITIES. COUNTY. STATE AND ELECTRICAL UTILITY CODES. ORDINANCES. RULES AND REGULATIONS. THE ENTIRE INSTALLATION SHALL COMPLY WITH OR SURPASS THE REQUIREMENTS OF THE LATEST ADDITION OF THE NATIONAL ELECTRICAL CODE.

CONTRACTOR SHALL REMOVE AND REINSTALL ALL CEILING TILES AS REQUIRED FOR THE CUTION OF ELECTRICAL WORK THAT IS OUTSIDE OF THE CONTRACT LIMITS OF CONSTRUCTION.

No design changes shall be made to the electrical system without the prior approval of the COR.

FURNISH ALL MATERIALS. TOOLS, AND LABOR AND PAY ALL PERMITS AND FEES REQUIRED for THE ELECTRICAL INSTALLATION UNLESS OTHERWISE NOTED ON PLANS.

The contractor shall visit the shall to determine existing conditions prior to submitting a bid.

ALL MATERIALS SHALL BE NEW OF FIRST CLASS QUALITY, SHALL BE U.L. LISTED AND LABELED AND FREE OF DEFECTS.

PROVIDE AN INSULATED EQUIPMENT GROUNDING CONDUCTOR, IN ACCORDANCE WITH NEC 250, IN ALL CONDUITS WITH CONDUCTORS.

The drawings represent electrical design intent. They are schematic and diagrammatic and do not indicate construction details or routing unless otherwise noted. The specifications establish minimum performance and product installation requirements. Provide products consistent with the design intent and necessary for operation electrical systems.

Provide pull string in all empty conduits and label.

KEYNOTES

Sheet PH1-101 New Saferoom GD-114 (Exam #3)

Demo:

1. Remove and disconnect existing 2x4 light fixture with associated wall toggle switch. Existing lighting junction box to remain with existing circuit, see (N) floor plan for reconnection information.
2. Remove and disconnect existing toggle switch with its associated control conductors.
3. Disconnect and remove existing receptacle with associated power circuit and conduit back to existing junction box above ceiling, see (N) floor plan for reconnection information.
4. Disconnect and remove existing receptacle with associated conductors and conduit back to existing junction box above ceiling. See (N) floor plan for reconnect information.
5. Disconnect and remove data outlet and all associated cables back to head-in existing data rack. Keep same patch number to be reused, see new (N) floor plan.
6. Existing thermostat to remain, and control the same units.
7. Remove and disconnect existing register and diffuser, existing ductwork above ceiling to remain. See (N) floor plan for reconnect information.
8. remove and disconnect existing sprinkler head, existing piping to remain, protect piping from damage during demolition work.
9. Disconnect and remove existing HSI raceway equipment system. Protect incoming feeds, cap and provide junction box above ceiling to keep system in place to be reconnected in (N) work phase. Existing utility are: electrical, data, Med gas to be LOTO and protected during demolition.
10. Existing junction box designated for existing lighting in that room to remain with existing lighting circuit. See (N) floor plan for reconnect information.
11. Disconnect and remove existing sink, all incoming plumbing piping to remain and be protected, cap-off during demolition. See (N) floor plan for reconnect information.
12. Remove existing computer bracket,
13. Remove existing sliding door and framing, protect existing walls.

New work:

1. Provide and install new LED recessed 2'x4' flanged troffer light fixture, high abuse and suitable for wet location, Fail-Safe #SGI-Flanged-2x4-LD4-STD-35-CP125-ALUM matte white with continuous piano hinge-UNV-EDC 1-Emergency Battery Pack- Vandal resistant fittings. Extend new #12 conductors with ground to existing junction box, and reuse lighting circuit designated for that room. Contractor to field verify existing lighting junction box prior to rough-in.
2. Provide new wall recessed mount toggle switches with #12 conductors in 3/4" conduit extend up to new light fixture. (1) switch to control (1) fixture, see control designation.
3. Provide new 20A hospital grade duplex receptacle mount in a one-piece steel recessed lockable enclosure, vandal resistant, match wall finish. Extend new 2#12, 1#12G -3/4" conduit up to existing 120V junction box in ceiling, and reuse same circuit from existing GLA panel.
4. Provide new 4 port data outlets, mount in a one-piece steel recessed lockable enclosure, vandal resistant, match wall finish. Extend new data cables back to existing data rack and reuse same data designation assigned for that room.
5. Provide rounded one-piece vandal resistant lockable clear enclosure (NO sharp edges), for existing thermostat. Contractor to field verify prior to ordering.
6. Provide and install a flush type sprinkler head (anti-ligature). Reconnect to existing piping, contractor to verify existing prior to installation.
7. Provide new diffuser and register, KEES #SDPC (or equal). Reconnect to existing ductwork, contractor to verify existing prior to ordering. Anti-ligature type. System to be tested and balance.
8. Provide and install new enclosed type headwall with roll down lockable door, to secure all electrical hospital grade 20A duplex receptacles, data outlets, toggle switch and medical gas (med air, oxygen and vacuum air), provide color finishes to be selected. HSI Security Headwall level 1 (or equal). Extend new conductors with 3/4" conduit, data cables and med gas piping to existing and reconnect. Contractor to verify existing incoming feeds, prior to ordering. Unit to mount next to wall. Reuse same circuit from existing panel GLA and ELGC. Extend new data cables back to existing data rack and reuse same designated ports for that same room and reconnect med gas. Contractor to field verify prior to ordering equipment unit.
9. Contractor to construct a durable side wall to protect patient for being harmed by sharp corner of equipment unit.
10. Extend new #12 conductors with ground wires in 3/4" conduit. Contractor to field verify existing lighting junction box, reconnect new load to existing lighting circuit.

11. Provide and install ADA vandal-resistant type stainless steel wall mounted sink unit with integral backsplash, spray heads, soap dispenser, foot push buttons control and bottom base to cover all plumbing piping. ACORN Wash-Ware #3401 ADA (or equal). Reconnect to existing plumbing at that location, contractor to verify existing plumbing prior to ordering unit.

12. Contractor to install new hard-Lid ceiling with all required support brackets, this system shall be secure installation. Provide and install new vandal weatherproof ceiling mounted security camera, polycarbonate plastic dome cover with tamper resistance fittings, coordinate mounting with supplier prior to rough-in, extend 3/4" conduit with cables back to existing head-in room and provide new lockable access door in ceiling MILCOR #3211- 18"X24" (or equal) with tamper resistance fitting. Contractor to be aware that this room shall be an anti-ligature and tamper resistance type room, with NO sharp edges that may harm the patients.

13. New construction of side wall and door. Door installation is required to accommodate access of a gurney type bed (verify with exiting equipment) to go in and out of that room, the door swing shall be 180 degree with a latch to hold door open if needed, provide a continuous piano hinge hardware, door to have a large safety glass window equipped with built-in blinds between safety glass, and controlled on the outside of door. The side wall to incorporate a vertical length safety glass window equipped with built-in blinds between safety glass, and controlled on the outside of system, hardware shall be anti-ligature type. Structure to have noise barrier material.

Sheet PH1-102 Restroom GA-203

Demo:

1. Remove and disconnect existing 2x4 light fixture with associated wall toggle switch. Existing lighting junction box to remain with existing circuit, see (N) floor plan for reconnection information.
2. Remove and disconnect existing toggle switch with its associated control conductors.
3. Existing junction box with lighting circuit to remain, see (N) floor plan for reconnection.
4. Remove and disconnect existing register and diffuser, existing ductwork above ceiling to remain and be protected from damage during demolition work.
5. Remove and disconnect existing camera with all associated cable back to head-end controls.
6. remove and disconnect existing sprinkler head, existing piping to remain and be protected from damage during demolition work.
7. Demolition of existing ceiling, door, wall pads and mounting brackets. Existing wall and door frame to be protected during demolition work.

New Work:

1. Provide and install new LED recessed 2' x 4' flange troffer fixture, suitable for wet location, with emergency battery pack. Fail-Safe cat# GR-W-244-FA-LDA-90-35-P125-UNV-EDC1-EL14W-GSK/GRD-SLTP-INV (or equal). Extend new #12 conductors with ground wires in 3/4" conduit to existing lighting junction box and reuse lighting circuit designated for that room. Contractor to field verify existing lighting junction box, prior to rough-in.
2. Provide new wall recessed mounted toggle switch with #12 conductors in 3/4" conduit up to new light fixture.
3. Provide and install new 20A GFCI receptacle mount at 48" A.F.F. (ADA) Extend new 2#12, 1#12 G. - 3/4" conduit to existing panel GLA-42. Reuse existing spare 20A-single pole circuit breaker for new load.
4. Install new diffuser and register, contractor to provide the corrected size for that square footage and type of room. reconnect to existing duct work. Test and balance for that room.
5. Provide and install new lockable secure access door in ceiling. MILCOR #3211- 18"X24" opening (or equal)
6. Provide and install new ceiling mounted 15cd strobe fire alarm Reconnect to existing annunciation circuit, extend fire alarm conductors in 3/4" (EMT)conduit (Painted Red) to existing fire alarm junction box, contractor to field verify location prior to reconnection. New device to match existing as well as the controls.
7. Provide and Install new durable type door with hardware, plumbing fixtures and nurse call device. The following items VA to provide and contractor to install: paper towel dispenser, soap dispenser, lavatory mirror, toilet paper dispenser, sanitary napkin waste receptacle and toilet seat cover dispenser, coordinate with the COR prior to rough-in.
8. Install a new hard-lid ceiling with all required support brackets, this structure to be secure.

Sheet PH1-103 New Ancillary Test Station

Demo:

1. Contractor to verify existing condition prior to demolition.
2. Disconnect and remove existing drinking fountain with associated 120V power, remove conductors with conduit back to existing panel and circuit breaker to be a "spare" circuit. Revise panel index information. Water source to be capped off comply by code requirement, see (N) floor plan for reconnection information.

3. Contractor to verify existing junction box location with lighting circuit, see (N) floor plan for reconnection information.

New work:

1. Install (1) new 2'x2' LED grid troffer, Metalux Cat# 22GR-RA-LED -36-A12.125-UNV-EL7W-G2 (or equal).

2. Install (1) new 4' LED under-counter light fixture, Fail-Safe Cat# UCL4-LD4-35-A12125-EDC1-UNV-SHP-GSK (or equal). Route new 3/4" conduit with #12 conductors stub-up in existing wall to new 2'x2' light fixture.

3. Install new automatic passive infrared wall switch occupancy sensor, automatic switch "ON" and automatic switch "OFF" when no occupancy. Adjustable time delay, built-in photocell and dual 120/277V. This switch to have an over-ride capability and to control both the new under-counter fixture and the 2'x2' light fixture.

4. Extend new #12 conductors with ground wires in 3/4" conduit. Contractor to field verify existing lighting junction box, reconnect new load to existing lighting circuit.

5. Provide new 20A hospital grade duplex receptacle and extend new 2#12, 1#12G -3/4" conduit to nearest existing receptacle with existing circuit GLA-28.

6. Receptacles mounted above counter shall be a 20A GFCI hospital grade type receptacle, mounted 6" above counter from center of device. Extend new 2#12, 1#12G -3/4" conduit to existing panel ELGC (Sec 2) - 44, reuse existing 20A-Single pole circuit breaker for new load.

7. Provide data outlets with (4) ports, extend data cable to existing I.T. head-in room for connection, Coordinate with COR and the VA's I.T.

8. Extend new 2#12, 1#12G- 3/4" conduit to existing panel ELGC (Sec. 2) – 44.

9. Construct a full height partition wall, wall to be secure type framing to support new counter with upper-cabinet system. Structure to include all needed materials required for that type of load and be a secure installation, steel-plates, 2"x4" wood studs, gypsum boards, all necessary anchor bolt, fittings and stainless steel corner guard (A-5). Contractor to verify in field existing construction. Provide and install durable type accordion door enclosure, the material to be suitable for this type of facility.

10. Construct new counter with upper-cabinets to support type of counter surfaces specified in attached "Standard and Finishes". Provide cut-sheet with sketch as mentioned in specification Shop Drawing, Product Data and Samples. For this entire installation, the contractor to field verify existing condition prior to ordering materials.

Sheet PH2-104 New Saferoom GD-105 (Exam #8)

Demo:

1. Remove and disconnect existing 2x4 light fixture with associated wall toggle switch. Existing lighting junction box to remain with existing circuit, see (N) floor plan for reconnection information.
2. Remove and disconnect existing toggle switch with its associated control conductors.
3. Disconnect and remove existing receptacle with associated power circuit and conduit back to existing junction box above ceiling, see (N) floor plan for reconnection information.
4. Disconnect and remove existing receptacle with associated conductors and conduit back to existing junction box above ceiling. See (N) floor plan for reconnect information.
5. Disconnect and remove data outlet and all associated cables back to head-in existing data rack. Keep same patch number to be reused, see new (N) floor plan.
6. Existing thermostat to remain, and control the same units.
7. Remove and disconnect existing register and diffuser, existing ductwork above ceiling to remain. See (N) floor plan for reconnect information.
8. remove and disconnect existing sprinkler head, existing piping to remain, protect piping from damage during demolition work.
9. Disconnect and remove existing HSI raceway equipment system. Protect incoming feeds, cap and provide junction box above ceiling to keep system in place to be reconnected in (N) work phase. Existing utility are: electrical, data, Med gas to be LOTO and protected during demolition.
10. Existing junction box designated for existing lighting in that room to remain with existing lighting circuit. See (N) floor plan for reconnect information.
11. Disconnect and remove existing sink, all incoming plumbing piping to remain and be protected, cap-off during demolition. See (N) floor plan for reconnect information.
12. Remove existing computer bracket,
13. Remove existing sliding door and framing, protect existing walls.

New work:

1. Provide and install new LED recessed 2'x4' flanged troffer light fixture, high abuse and suitable for wet location, Fail-Safe #SGI-Flanged-2x4-LD4-STD-35-CP125-ALUM matte white with continuous piano hinge-UNV-EDC 1-Emergency Battery Pack- Vandal resistant fittings. Extend new #12 conductors with ground to existing junction box, and reuse lighting circuit designated for that room. Contractor to field verify existing lighting junction box prior to rough-in.
2. Provide new wall recessed mount toggle switches with #12 conductors in 3/4" conduit extend up to new light fixture. (1) switch to control (1) fixture, see control designation.
3. Provide new 20A hospital grade duplex receptacle mount in a one-piece steel recessed lockable enclosure, vandal resistant, match wall finish. Extend new 2#12, 1#12G -3/4"conduit up to existing 120V junction box in ceiling, and reuse same circuit from existing GLA panel.
4. Provide new 4 port data outlets, mount in a one-piece steel recessed lockable enclosure, vandal resistant, match wall finish. Extend new data cables back to existing data rack and reuse same data designation assigned for that room.
5. Provide rounded one-piece vandal resistant lockable clear enclosure (NO sharp edges), for existing thermostat. Contractor to field verify prior to ordering.
6. Provide and install a flush type sprinkler head (anti-ligature). Reconnect to existing piping, contractor to verify existing prior to installation.
7. Provide new diffuser and register, KEES #SDPC (or equal). Reconnect to existing ductwork, contractor to verify existing prior to ordering. Anti-ligature type. System to be tested and balance.
8. Provide and install new enclosed type headwall with roll down lockable door, to secure all electrical hospital grade 20A duplex receptacles, data outlets, toggle switch and medical gas (med air, oxygen and vacuum air), provide color finishes to be selected. HSI Security Headwall level 1 (or equal). Extend new conductors with 3/4" conduit, data cables and med gas piping to existing and reconnect. Contractor to verify existing incoming feeds, prior to ordering. Unit to mount next to wall. Reuse same circuit from existing panel GLA and ELGC. Extend new data cables back to existing data rack and reuse same designated ports for that same room and reconnect med gas. Contractor to field verify prior to ordering equipment unit.
9. Contractor to construct a durable side wall to protect patient for being harmed by sharp corner of equipment unit.
10. Extend new #12 conductors with ground wires in 3/4" conduit. Contractor to field verify existing lighting junction box, reconnect new load to existing lighting circuit.
11. Provide and install ADA vandal-resistant type stainless steel wall mounted sink unit with integral backsplash, spray heads, soap dispenser, foot push buttons control and bottom base to cover all

plumbing piping. ACORN Wash-Ware #3401 ADA (or equal). Reconnect to existing plumbing at that location, contractor to verify existing plumbing prior to ordering unit.

12. Contractor to install new hard-Lid ceiling with all required support brackets, this system shall be secure installation. Provide and install new vandal weatherproof ceiling mounted security camera, polycarbonate plastic dome cover with tamper resistance fittings, coordinate mounting with supplier prior to rough-in, extend conduit with cables back to existing head-in room and provide new lockable access door in ceiling MILCOR #3211- 18"X24" (or equal) with tamper resistance fitting. Contractor to be aware that this room shall be an anti-ligature and tamper resistance type room, with NO sharp edges that may harm the patients.

13. New construction of side wall and door. Door installation is required to accommodate access of a gurney type bed (verify with exiting equipment) to go in and out of that room, the door swing shall be 180 degree with a latch to hold door open if needed, provide a continuous piano hinge hardware, door to have a large safety glass window equipped with built-in blinds between safety glass, and controlled on the outside of door. The side wall to incorporate a vertical length safety glass window equipped with built-in blinds between safety glass, and controlled on the outside of system, hardware shall be anti-ligature type. Structure to have noise barrier material.