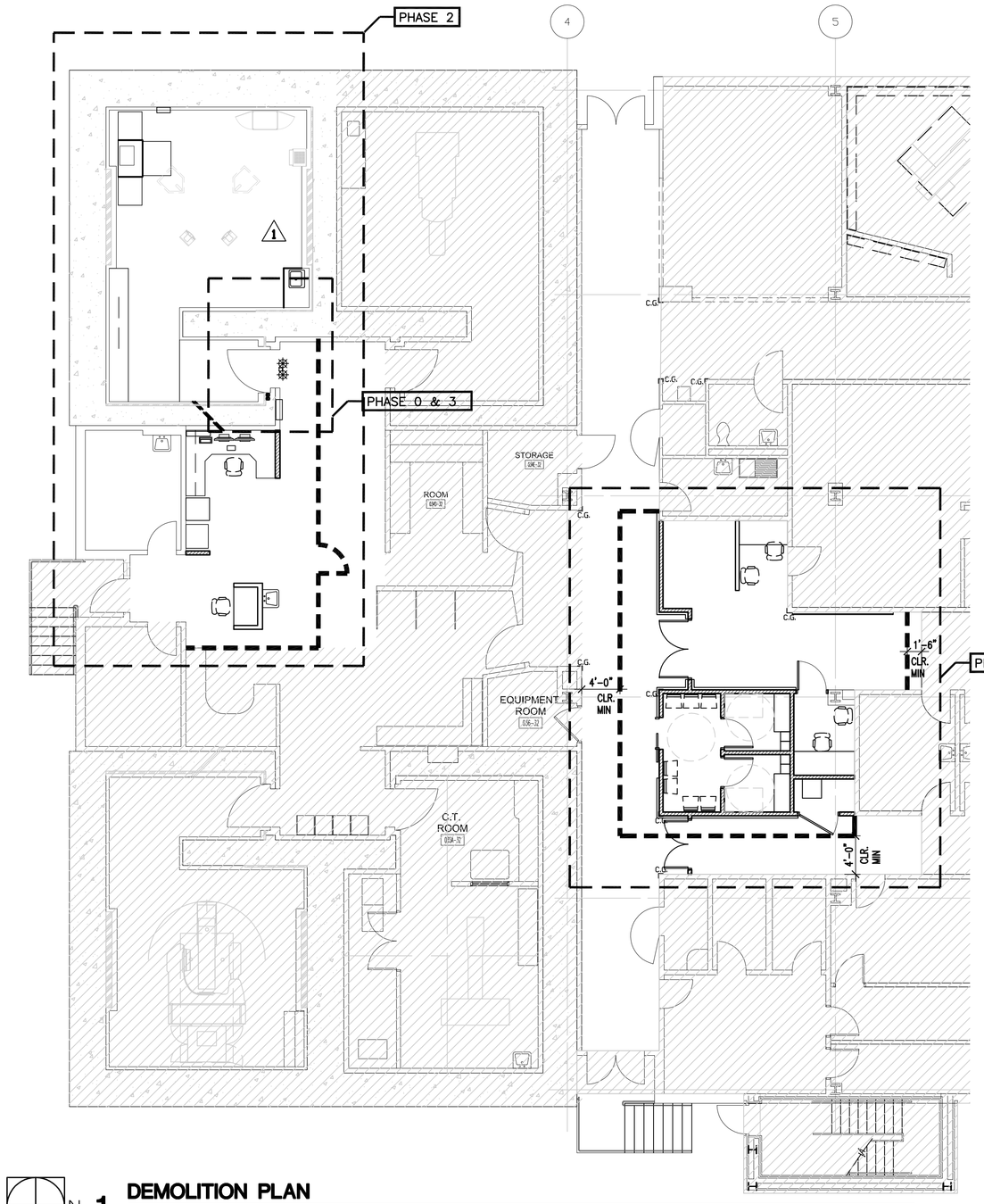
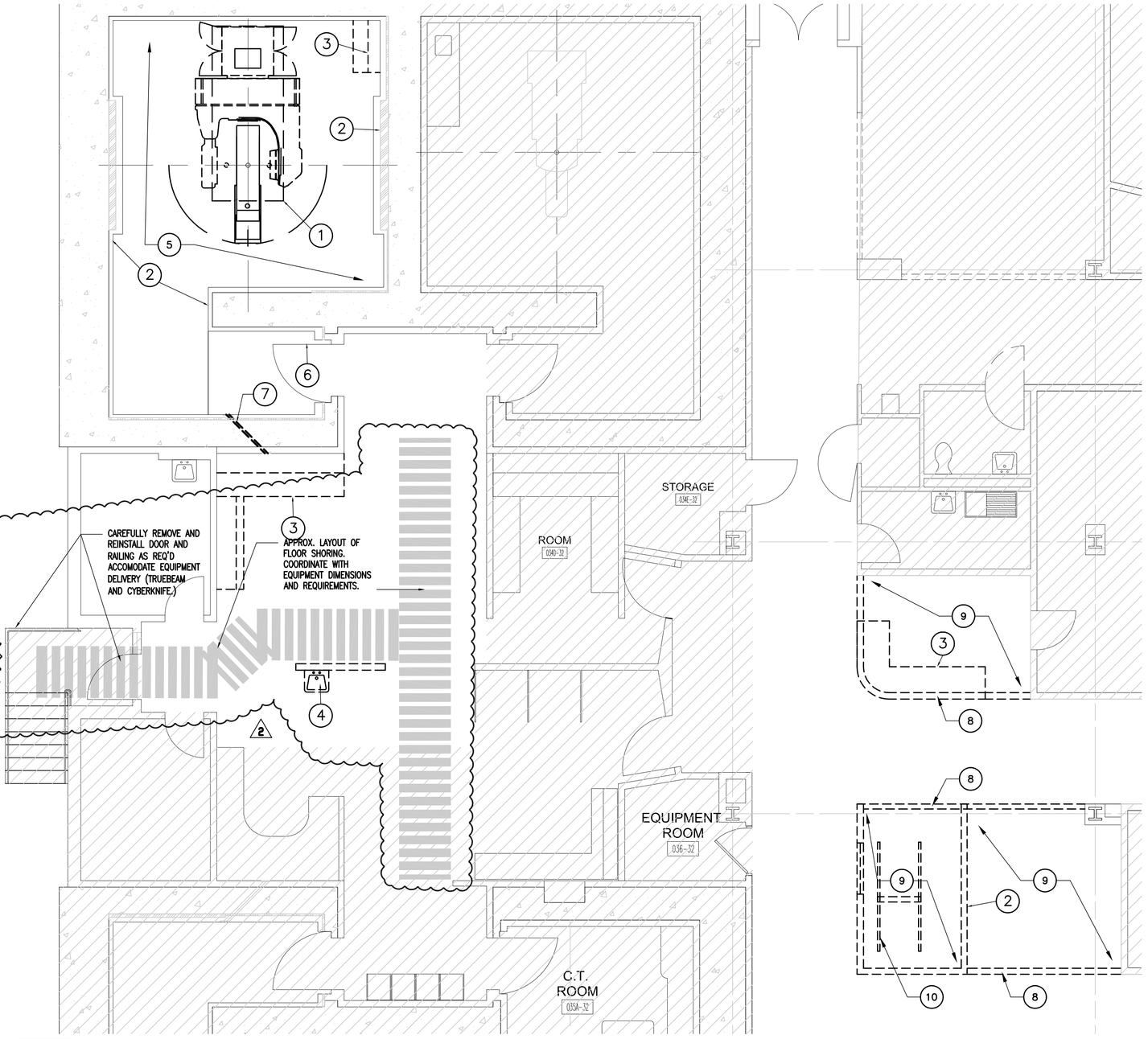
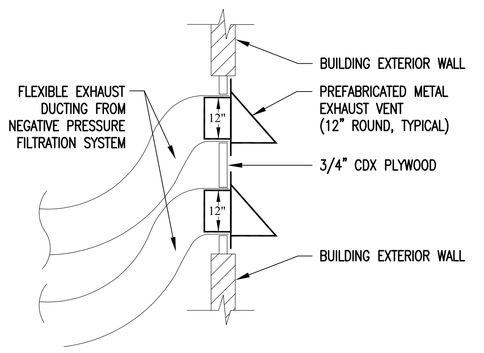


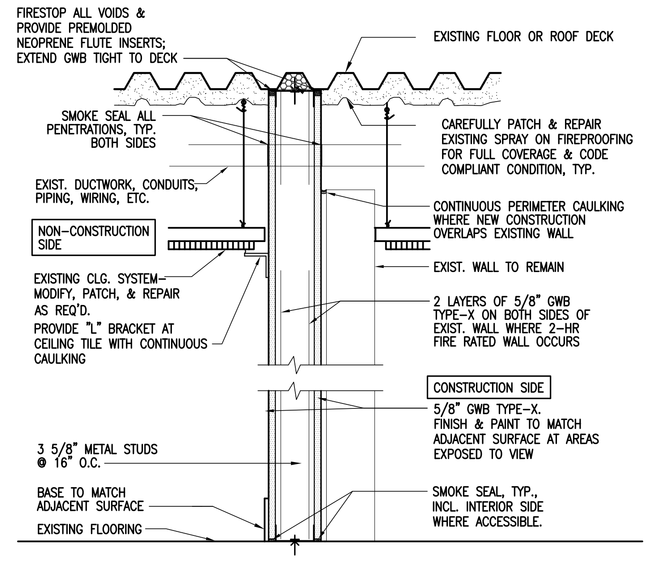
N **1 DEMOLITION PLAN**
1/8"=1'-0"



N **2 DEMOLITION PLAN**
3/16"=1'-0"



3 TYPICAL EXHAUST DETAIL
NTS



4 TYPICAL TEMPORARY CONSTRUCTION BARRIER DETAIL
NTS

PHASING DESCRIPTION

PHASE 0

DESCRIPTION: WHILE PREPARING SUBMITTALS. CONTRACTOR IS TO REMOVE AND STORE EXISTING LEAD SHEILDED DOOR PANEL. INSTALL AND MAINTAIN FLOOR SHORING TO ALLOW FOR THE REMOVAL OF THE EXISITNG MACHINE AND THE INSTALLATION OF BOTH THE TRUEBEAM AND CYBERKNIFE MACHINES.

PHASE 1

DESCRIPTION: PROVIDE ALL WORK WITHIN ROOMS 026B–32, 026C–32, 048A–048E, AND ADJACENT CORRIDOR.

ALL DEBRIS REMOVAL, NEGATIVE AIR DUCTING, AND CONSTRUCTION ACCESS IS TO RUN TO THE EXTERIOR DOORS ON THE EAST END OF CO–07–32

MAINTAIN NEGATIVE AIR PRESSURE WHILE THE CONSTRUCTION BARRIERS ARE ERECTED AND MAINTAINED.

PHASE 2

DESCRIPTION: REMOVE ALL PHASE 1 TEMPORARY CONSTRUCTION BARRIERS AND PROVIDE ALL WORK SCHEDULED FOR ROOMS 034–32, 034B–32, THE BASEMENT, AND THE ROOF.

PROVIDE 4'–0" CONSTRUCTION DOOR FROM ROOM 034–32 INTO THE CONSTRUCTION AREA FOR MEDICAL STAFF TO ACCESS ROOM 035C–32. GC TO COORDINATE TIME OF ACCESS

PHASE 3

DESCRIPTION: AFTER NEW MEDICAL EQUIPMENT IS INSTALLED BY REINSTALL EXISTING LEAD SHEILDED DOOR PANEL.

ALL WORK SHALL BE SCHEDULED SO THE ACCESS TO THE VAULT AREA IS NOT IMPEDED OR INTERRUPTED DURING REGULAR BUSINESS HOURS (PREFERABLY, OVER A WEEKEND).

TEMPORARY CONSTRUCTION BARRIER - GENERAL NOTES

1. GC TO PROVIDE TEMPORARY EXIT SIGNS & LIGHTS INSIDE OF CONSTRUCTION BARRIERS.
2. G.C. TO PROVIDE CONTINUOUS CAULKING & SMOKE SEALS AS REQ'D FOR COMPLETELY SEALED CONDITION SEPARATING OPERATIONAL AREAS FROM CONSTRUCTION AREAS.
3. PROVIDE CONSTRUCTION SIGNAGE PER THE GENERAL REQUIREMENTS
4. ALL SMOKE DETECTORS SHALL BE HEAT DETECTORS
5. GC TO CONSTRUCT ALL CONSTRUCTON BARRIERS AT NIGHT AND TO PROVIDE PLASTIC IN PLACE FOR DUST CONTROL DURING FABRICATION. PROVIDE FOR NEGATIVE AIR WITH HEPA FILTER OUT TO WINDOW.
6. PROVIDE SELF CLOSING, FIRE RATED DOORS & METAL FRAMES COMMENSURATE W/PARTITION, IN ROOMS REQUIRING ACCESS. GC TO COORDINATE EXACT QUANTITY REQUIRED. DOORS SHALL BE ABLE TO ACCEPT A VA SCSR LOCK BY KABA FOR KEY CARD ACCESS. GC TO PROVIDE LOCK AND KEY CARD ACCESS. PAINT DOOR AND FRAME TO MATCH ADJACENT WALL.
7. GC TO PROVIDE TEAR–OFF WALK OFF MATS IMMEDIATE INSIDE OF EVERY CONSTRUCTION ENTRANCE DOOR. GC TO CHANGE WALK OFF MATS ON AVERAGE OF 8 TIMES PER DAY. GC TO COORDINATE EXACT QUANTITY REQUIRED.
8. GC TO PROVIDE FOOT PRE–WASH PRIOR TO WALKING OUT OF THE CONSTRUCTION AREA. GC TO COORDINATE EXACT QUANTITY REQUIRED.
9. ALL EXTERIOR AREAS TO BE KEPT CLEAN FOR ANY DEBRIS BEING CARTED OUT.

GENERAL DEMOLITION NOTES

1. REFER TO OTHER DRAWINGS FOR ADDITIONAL DEMOLITION WORK AND REQUIREMENTS.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING CLEAN SMOOTH WALL, FLOOR, AND CEILING SURFACES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR EXTENDING ANY ITEMS SUCH AS OUTLETS, SWITCHES, AND ETC. TO THE NEW SURFACE.
4. REPAIR OR REPLACE ANY EXISTING ITEM SCHEDULED TO REMAIN THAT IS DAMAGED DURING CONSTRUCTION AS REQ'D. TO MATCH EXISTING.
5. CAP OFF ANY UNUSED PIPING OR CONDUITS AS REQUIRED.
6. HAUL AWAY ALL DEBRIS PROMPTLY
7. GC TO COORDINATE ALL WORK WITH ASBESTOS ABATEMENT SCOPE OF WORK–REFER TO SPECIFICATIONS.
8. DEMOLITION WORK SHALL BE AS REQUIRED TO ACHIEVE A CLEAN, SMOOTH, AND PLUMB NEW WORK. FOR EXAMPLE IT IS REQUIRED THAT ITEMS SUCH AS EXISTING SCREWS ON WALLS TO BE REMOVED IN ORDER TO INSTALL NEW DRYWALL OR FINISHES. ANOTHER EXAMPLE IS THAT IF A NEW THERMOSTAT IS SPECIFIED, THE EXISTING THERMOSTAT IF NOT SCHEDULED TO BE REUSED WILL HAVE TO BE REMOVED BY THE CONTRACTOR WHETHER IT IS SHOWN ON THE DRAWINGS OR NOT.
9. WHEN PARTIAL DEMOLITION IS MADE TO EXISTING WALL OR FLOOR, A SAW CUT THRU EXISTING WALL IS REQUIRED TO PREVENT UNNECESSARY DAMAGE TO ADJACENT AREAS.
10. CONTRACTOR SHALL INVESTIGATE EXISTING CONDITIONS PRIOR TO STARTING WORK TO DETERMINE THE LOCATION OF LOAD BEARING WALLS AND STRUCTURAL COLUMNS. WHEN SUCH ITEMS ARE SCHEDULED TO BE DEMOLISHED, SHORE UP EXISTING SYSTEMS/ASSEMBLIES AS REQUIRED, PROPERLY PRIOR TO REMOVING THEM. WHEN IN DOUBT, CONTACT ARCHITECT PRIOR TO REMOVING ANY ITEMS IN QUESTION.
11. CONTRACTOR SHALL COORDINATE WITH VA'S PROJECT MANAGER FOR WORK TIME SCHEDULE TO NOT INTERFERE WITH EXISTING OPERATIONS.
12. THE FLOOR WILL BE OCCUPIED DURING CONSTRUCTION. CONSTRUCTION MUST BE PHASED AS TO NOT SHUT DOWN UTILITIES AND INFRASTRUCTURE (I.E. WATER, POWER, DATA, TELEPHONES, ETC.), AS REQUIRED TO MAINTAIN DAILY, UNINTERRUPTED OPERATIONS.
13. ALL WORK REQUIRING THE USE OF TOOLS THAT WILL PRODUCE AN OBJECTIONABLE AMOUNT OF NOISE, FUMES, OR DUST BEYOND A FAIR AND REASONABLE AMOUNT AS REQUIRED FOR DEMOLITION OR NEW CONSTRUCTION SHALL BE SCHEDULED AND COORDINATED WITH VA PROJECT MANAGER PRIOR TO COMMENCING SAID WORK. NO CONTRACT INCREASE ADJUSTMENT IN TIME OR MONEY SHALL BE MADE IF CONTRACTOR IS STOPPED DUE TO WORK BEING CONDUCTED BY CONTRACTOR DUE TO OBJECTIONABLE NOISE, FUMES, OR DUST.
14. ALL WORK WILL BE SUBJECT TO RE–SCHEDULING IF SO REQUESTED BY THE VA PROJECT MANAGER AND MAY OCCUR AT VA DISCRETION.
15. REMOVE ALL EQUIPMENT WITHIN THE AREA OF WORK AS REQUIRED TO PERFORM WORK. STORE IN A PROTECTED AREA. REINSTALL ALL ITEMS AFTER COMPLETION OF WORK. COORDINATE LOCATION WITH VA PROJECT MANAGER.
16. GC TO TAKE SPECIAL CARE WITH 1ST FLOOR DEMOLITION WORK IN ORDER TO MINIMIZE ANY IMPACT TO THE EXISTING ABOVE–CEILING INFRASTRUCTURE THAT IS SCHEDULED TO REMAIN AND BE REUSED.

DEMOLITION- KEY NOTES

1. LINEAL ACCELERATOR & DISPOSED OF EXISTING BASE FRAME TO REMAIN.
2. EXISTING LEAD & GWB TO REMAIN.
3. REMOVE CABINET & COUNTERTOP. CAP ALL PLUMBING PIPE WHERE OCCURS. SEE PLUMBING
4. REMOVE PLUMBING FIXTURE. REPAIR & PREP TO RECEIVE NEW FIXTURE. SEE NEW FLOOR PLAN
5. REMOVE THIS AREA OF EXISTING CONCRETE TO RECEIVE NEW CONCRETE FLOOR AS REQUIRED FOR NEW FOOTING– SEE STRUCTURAL
6. PRIOR TO FULL MOBILIZATION, CONTRACTOR TO REMOVE AND STORE EXISTING LEAD DOOR PANEL AS REQUIRED TO FACILITATE REMOVAL AND INSTALLATION OF NEW MEDICAL EQUIPMENT BY OTHERS. AFTER NEW EQUIPMENT IS INSTALLED BY OTHERS, CONTRACTOR IS TO REINSTALL PANEL IN ITS PREVIOUS CONFIGURATION. PAINT AS SCHEDULED.
7. REPLACE EXISTING 3" PHYSICS ACCESS AND CORE A NEW 4" PHYSICS ACCESS
8. REMOVE SOFFIT ABOVE
9. REMOVE CEILING ABOVE
10. REMOVE PATIENT LIFT

PHASING NOTES

1. ALL SUBMITTALS ARE TO COMPLETE PRIOR TO MOBILIZATION.
2. COORDINATE PHASING WITH VA STAFF. PROVIDE CONSTRUCTION SCHEDULE TO VA REVIEW AND APPROVAL. WORK MUST BE COMPLETED IN A EXPEDITIOUS MANNER IN ORDER TO MINIMIZE IMPACT TO THE DAILY FACILITY FUNCTIONS.
3. CONSTRUCTION ACTIVITIES ARE EXPECTED TO TAKE PLACE NIGHTS AND WEEKENDS AFTER REGULAR BUSINESS HOURS (WEEKDAYS 5PM–6AM, 24 HOURS ON WEEKENDS). ANY ACTIVITIES THAT NEED TO TAKE PLACE OUTSIDE THESE TIMEFRAMES MUST BE COORDINATED IN ADVANCE WITH VA COTR.
4. COORDINATE FURNITURE RELOCATION AND STORAGE REQUIREMENTS WITH VA COTR PRIOR TO BID.
5. EACH PHASE MUST BE COMPLETELY SEPARATED FROM THE PUBLIC AREAS WITH CONSTRUCTION BARRIERS APPROVED BY VA COTR. NO UNFINISHED WORK MAY BE EXPOSED TO THE PUBLIC.
6. REFER TO THE VA INFECTION CONTROL AND SAFETY NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7. THERE IS NO STORAGE OR MATERIAL LAY DOWN AREAS AVAILABLE FOR THIS PROJECT. GC IS EXPECTED TO CARRY IN AND OUT ALL MATERIALS AND EQUIPMENT EACH DAY.
8. MAINTAIN 4'–0" CLEAR WIDTH THROUGH THE PUBLIC CORRIDORS AT ALL TIMES. ANY REDUCTION OF WIDTH BEYOND BELOW THIS AMOUNT MUST BE COORDINATED IN ADVANCE WITH VA COTR.
9. MAINTAIN NEGATIVE AIR PRESSURE WITH IN THE AREA OF RENOVATION AT ALL TIMES. EXHAUST AIR THROUGH EXISTING DOOR/WINDOW OPENINGS TO BUILDING EXTERIOR. SEE DETAIL 3 FOR ADDITIONAL INFORMATION.
10. NO DEBRIS SHALL PASS THROUGH CONTROL ROOM 034–32

LEGEND

- ITEM TO BE REMOVED
- EXISTING WALL TO REMAIN
- NEW WALL
- NOT IN SCOPE
- AREA OF EXISTING CONCRETE TO BE REMOVED TO RECEIVE NEW CONCRETE FLOOR AS REQUIRED– SEE STRUCTURAL
- TEMPORARY DRYWALL CONSTRUCTION BARRIER

N **KEY PLAN**
NOT TO SCALE

09.19.14 REVISED 100% SUBMITTAL

REVISION	DATE
30% SUBMITTAL	10/30/13
60% SUBMITTAL	01/22/14
90% SUBMITTAL	03/21/14
100% SUBMITTAL	08/15/14
REVISED 100% SUBMITTAL	09/19/14
1 \ RESPONSE TO RFIS	06/03/15
1 \ RESPONSE TO RFIS	04/21/16

CONSULTANTS:

ARCHITECT/ENGINEERS:

ttv architects, inc.
115 EAST FORSYTH ST
JACKSONVILLE, FLORIDA 32202
T 904.798.8333
F 904.798.8335
www.ttvarch.com
FL Lic #AA0002609

Drawing Title: DEMOLITION AND PHASING PLANS
Approved: Director
Approved: Chief Projects
Approved: Chief Facilities Management Service

Project Title: TRUEBEAM LINAC
Location: JAMES A. HALEY VETERANS' HOSPITAL
Date: 08/15/14 | Checked: TAG | Drawn: WDH

Project Number: 673-CSI-101
Building Number:
Drawing Number: AD101
Dwg. 4 of 11

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