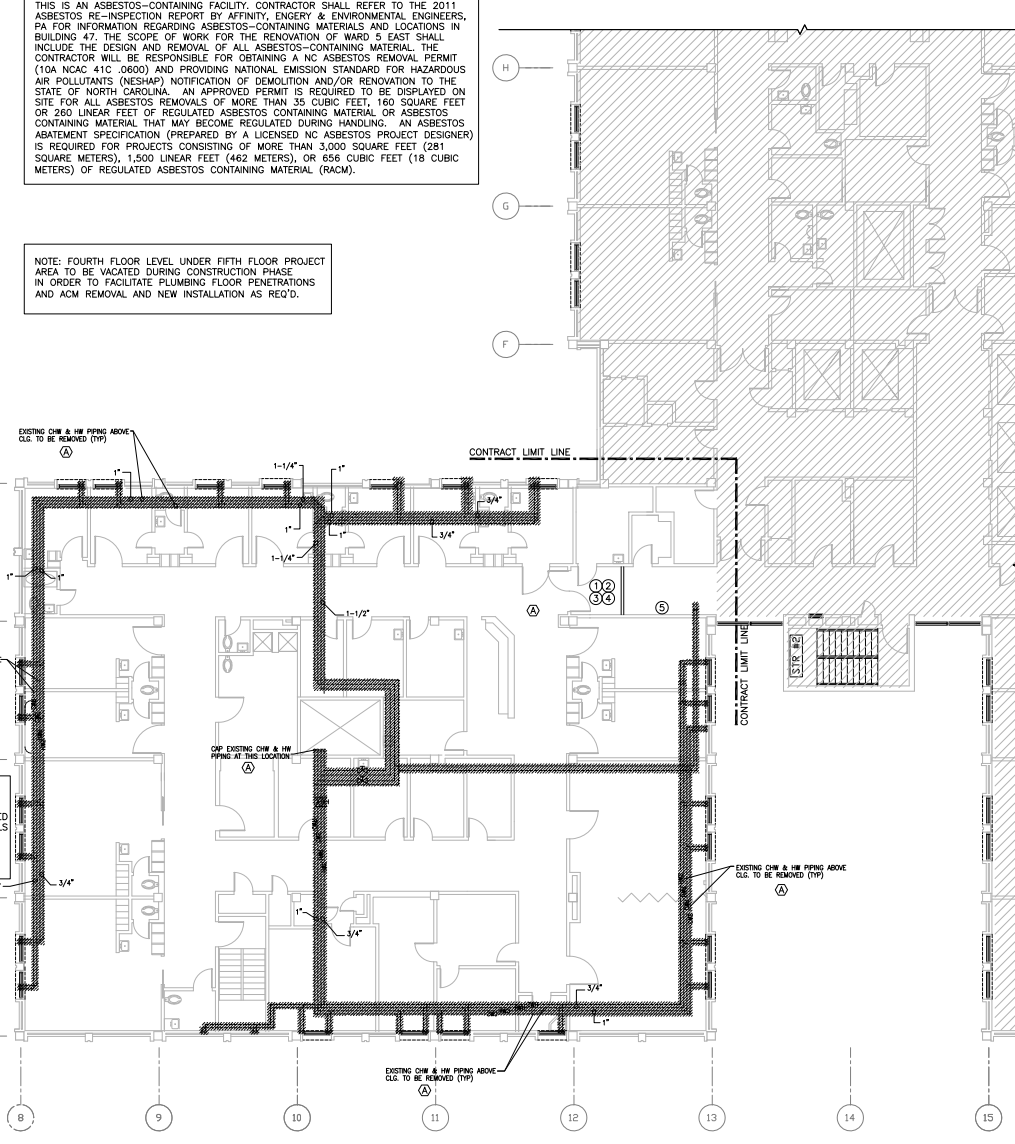


THIS IS AN ASBESTOS-CONTAINING FACILITY. CONTRACTOR SHALL REFER TO THE 2011 ASBESTOS RE-INSPECTION REPORT BY AFFINITY, ENERGY & ENVIRONMENTAL ENGINEERS, PA FOR INFORMATION REGARDING ASBESTOS-CONTAINING MATERIALS AND LOCATIONS IN BUILDING 47. THE SCOPE OF WORK FOR THE RENOVATION OF WARD 5 EAST SHALL INCLUDE THE DESIGN AND REMOVAL OF ALL ASBESTOS-CONTAINING MATERIAL. THE CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING A NC ASBESTOS REMOVAL PERMIT (10A NCAC 41C .0600) AND PROVIDING NATIONAL EMISSION STANDARD FOR HAZARDOUS AIR POLLUTANTS (NESHAP) NOTIFICATION OF DEMOLITION AND/OR RENOVATION TO THE STATE OF NORTH CAROLINA. AN APPROVED PERMIT IS REQUIRED TO BE DISPLAYED ON SITE FOR ALL ASBESTOS REMOVALS OF MORE THAN 35 CUBIC FEET, 160 SQUARE FEET OR 280 LINEAR FEET OF REGULATED ASBESTOS CONTAINING MATERIAL, OR ASBESTOS CONTAINING MATERIAL THAT MAY BECOME REGULATED DURING HANDLING. AN ASBESTOS ABATEMENT SPECIFICATION (PREPARED BY A LICENSED ASBESTOS PROJECT DESIGNER) IS REQUIRED FOR PROJECTS CONSISTING OF MORE THAN 3,000 SQUARE FEET (281 SQUARE METERS), 1,500 LINEAR FEET (457 METERS), OR 656 CUBIC FEET (18 CUBIC METERS) OF REGULATED ASBESTOS CONTAINING MATERIAL (ACM).

NOTE: FOURTH FLOOR LEVEL UNDER FIFTH FLOOR PROJECT AREA TO BE VACATED DURING CONSTRUCTION PHASE IN ORDER TO FACILITATE PLUMBING FLOOR PENETRATIONS AND ACM REMOVAL AND NEW INSTALLATION AS REQ'D.

NOTE: ALL ASBESTOS SHALL BE WRAPPED AND SEALED BEFORE BEING TRANSPORTED TO THE DUMPSTER. CONTRACTOR TO PROVIDE AN ENCLOSED CHUTE AND DUMPSTER. MATERIALS IN DUMPSTER SHALL BE REMOVED EACH DAY. CONTRACTOR TO VERIFY LOCATION OF DUMPSTER WITH VA PROJECT ENGINEER OR COR.



**FOURTH FLOOR - WARD EAST - DEMOLITION AND ASBESTOS REMOVAL PLAN**  
SCALE: 1/8"=1'-0" 1/8"=1'-0"

**ASBESTOS REMOVAL NOTES**

- INTENT OF PROJECT: THE INTENT OF THE ENVIRONMENTAL PORTION OF THIS PROJECT IS TO PREPARE THE FOURTH AND FIFTH FLOORS (4TH & 5TH - EAST) QUADRANT "A" OF BUILDING 47 WITHIN THE BOUNDARIES AS SHOWN ON THE FLOOR PLAN FOR RENOVATION BY ADDRESSING THE CONCERNS RAISED BY THE PRESENCE OF ASBESTOS-CONTAINING MATERIALS (ACM).
- RENOVATION OF AREA FLOORS: ENVIRONMENTAL REMEDIATION REQUIRED FOR THIS RENOVATION INCLUDES REMOVAL OF ALL ACM IDENTIFIED BY THE ASBESTOS REMOVAL PLAN AS SHOWN ON THIS SHEET.
- LIMITATIONS: ROOMS WILL BE VACATED FOR ABATEMENT/RENOVATION. REMEDIATION WORK WILL BE PERFORMED IN MANAGEABLE PORTIONS IN ORDER TO EASILY DIRECT THE DIFFERENT TRADES INVOLVED.
- GENERAL NOTES:
  - THIS DRAWING WAS COMPILED BY THE ARCHITECT FROM THE VA'S RECORD DOCUMENTS AND SURVEY INSPECTION FOR THE PURPOSE OF INDICATING GENERAL LOCATIONS OF THE WORK TO BE PERFORMED. ALL PIPE DIAMETERS, PIPE LOCATIONS, DIMENSIONS, AND QUANTITIES INDICATED ON THE DRAWINGS AND LISTED IN THE SPECIFICATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
  - THE CONTRACTOR ALONE SHALL BE RESPONSIBLE FOR THE SAFETY, EFFICIENCY, ADEQUACY OF THEIR PLANT, APPLIANCES, AND WORK METHODS. THEY SHALL BE RESPONSIBLE FOR MONITORING THEIR OWN WORK PRACTICES, COMPLYING WITH ALL APPLICABLE OSHA REGULATIONS, PROVIDING APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT AND TRAINING OF THEIR WORKERS.
  - THE CONTRACTOR WILL IDENTIFY WATER SERVICE HOOK-UP LOCATIONS FOR USE DURING THE PROJECT. THE CONTRACTOR WILL NOT BE CHARGED FOR THE WATER USED AND SHALL BE RESPONSIBLE FOR CONNECTION TO THE SERVICE AND DISTRIBUTION OF THE WATER TO THEIR WORK AREAS.
  - THE CONTRACTOR WILL IDENTIFY POWER HOOK-UP LOCATIONS FOR USE DURING THE PROJECT. THE CONTRACTOR WILL NOT BE CHARGED FOR THE POWER USED AND SHALL BE RESPONSIBLE FOR CONNECTION AND DISTRIBUTION OF THE POWER TO THEIR WORK AREAS. ALL ELECTRICAL CONNECTION AND DISTRIBUTION ACTIVITIES SHALL BE PERFORMED BY QUALIFIED AND CERTIFIED ELECTRICIANS.
  - THE CONTRACTOR SHALL REMOVE THE MATERIALS IDENTIFIED ON THE ASBESTOS REMOVAL PLAN. ALL REMOVAL OPERATIONS SHALL BE PERFORMED IN STRICT ADHERENCE TO THE SPECIFICATIONS AND ALL APPLICABLE REGULATIONS, WHERE SCAFFOLDING IS REQUIRED, THE CONTRACTOR SHALL FOLLOW APPLICABLE OSHA, STATE, AND LOCAL SAFETY REGULATIONS AND REQUIREMENTS PERTAINING TO THEIR INSTALLATION AND USE.
  - THE CONTRACTOR SHALL CONFINE ALL CONSTRUCTION ACTIVITIES TO AREAS AND WORK TIMES AUTHORIZED AND APPROVED BY THE COR.
  - THE ASBESTOS REMOVAL PLAN OUTLINES THE REMOVAL WORK TO BE PERFORMED THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL REVIEW DEMOLITION PLANS OF THE OTHER TRADES (I.E. MECHANICAL AND PLUMBING) TO OBTAIN ADDITIONAL INFORMATION REGARDING SYSTEMS/MATERIAL LOCATION.
  - THE CONTRACTOR SHALL COORDINATE ANY DEMOLITION WORK WITH ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS. WHERE CONFLICTS EXIST, OBTAIN CLARIFICATION FROM THE COR PRIOR TO DEMOLITION.
  - CONTRACTOR TO CONTAIN DUMP SITE SUCH THAT PEDESTRIAN TRAFFIC ON ADJACENT SIDEWALK IS SAFE. CONTRACTOR WILL ENSURE THAT THE EXISTING SIDEWALK REMAINS OPEN FOR PEDESTRIAN AND WHEELCHAIR TRAFFIC. CONTRACTOR TO ERECT A TEMPORARY FENCE AROUND DUMPSTER. SHOULD ANY DAMAGE TO THE SIDEWALK AND SURROUNDING AREA OCCUR DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS AS DIRECTED BY THE COR AT NO ADDITIONAL COST TO THE OWNER.
  - CONTRACTOR SHALL INVESTIGATE ALL PIPING AND ELBOWS TO BE REMOVED FOR ACM AND INCLUDE THE COST IN THEIR BIDS OR PROVIDE AN ALLOWANCE IN THEIR BEST JUDGEMENT THAT WOULD COVER SUCH REMOVAL.
  - ACCESS TO ASBESTOS REMOVAL WORK AREAS SHALL BE RESTRICTED TO PROPERLY TRAINED AND CERTIFIED WORKERS WHO HAVE OTHER TRADES NOT TRAINED OR MEDICALLY CERTIFIED TO WORK WITH ASBESTOS SHALL NOT BE ALLOWED IN THE WORK AREA UNTIL ENVIRONMENTAL CLEARANCE IS OBTAINED.
  - ASBESTOS REMOVAL WORK SHALL BE PERFORMED UNDER NEGATIVE PRESSURE DURING THE ABATEMENT PROCESS. THIS WORK SHALL BE COMPLETED DURING REGULAR HOURS AS INSTRUCTED BY THE COR.
  - AIR FILTRATION EQUIPMENT SHALL BE VENTED DIRECTLY TO THE OUTDOORS. THE USE OF FLEXIBLE DUCT SHALL BE REQUIRED TO ROUTE AIR EXHAUST TO THE OUTDOORS.
  - THE INTENT OF THIS PROJECT IS TO REMOVE ALL OF THE MATERIAL TYPE IDENTIFIED ON THE ASBESTOS FLOOR PLAN AND IDENTIFIED ON THE MECHANICAL OR PLUMBING DRAWINGS.
  - CONTRACTOR MAY USE THE FREIGHT ELEVATOR BEFORE 7:30 AM AND AFTER 5:00 PM TO REMOVE ALL ASBESTOS IN COVERED CARS. CHUTE AND CONTAINER SHALL BE LOCATED OUTSIDE COLUMN LINE. PROVIDE MAX "20" CHUTE BETWEEN COLUMN LINES "A" AND "B".
  - DUMPSTER PICK-UP SHALL NOT OCCUR BETWEEN 7:30 AM AND 5:00 PM MONDAY THRU FRIDAY.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY AND ALL CEILING TILE, TILE AND GRID SHALL MATCH EXISTING.
  - DURATION OF THIS PHASE SHALL NOT EXCEED 120 CALENDAR DAYS. CONTRACTOR TO COORDINATE FINAL LENGTH WITH COR.

- V. ASBESTOS REMOVAL NOTES: MATERIALS TESTING POSITIVE FOR THE PRESENCE OF ASBESTOS AND SCHEDULED FOR REMOVAL INCLUDE: (PREVIOUS ASBESTOS SURVEY INFORMATION INCLUDING SAMPLE ANALYSIS DATA CAN BE OBTAINED BY REQUEST FROM THE COR.)
- PIPE FITTING INSULATION, INSULATION THROUGHOUT PROJECT AREA ON STEAM, COLD WATER, HOT WATER, AND CHILLED WATER LINES ONE TO EIGHT INCHES IN DIAMETER.
  - FLOOR TILE AND ASSOCIATED MASTIC.
  - ASBESTOS-CONTAINING DRYWALL JOINT COMPOUND.
  - CLOTH WRAP ON DRAIN PIPING.
  - 3/4" DIAMETER TRANSITE AIR DUCTS.
  - ASBESTOS CEMENT BOARD RADIATOR BACKING.

**ASBESTOS REMOVAL GENERAL NOTES**

- THE ASBESTOS CONTRACTOR SHALL VERIFY IN WRITING THE ROUTING OF ALL ASBESTOS WRAPPED MATERIALS AND LOCATION OF TRASH AND DEBRIS CONTAINERS WITH THE VA/COR DURING THE PRE-CONSTRUCTION MEETING.
- ASBESTOS AND DEMOLITION MATERIAL TRANSPORTATION ROUTE SHALL BE IDENTIFIED. ALL MATERIALS SHALL BE TRANSPORTED IN A CLOSED CONTAINER.
- FOR CHUTE DEBRIS REMOVAL, CONTRACTOR TO PROVIDE PROTECTION OF EACH SIDE OF THE EXISTING SIDEWALK AND GRASS AREAS AROUND THE SIDEWALK DURING ALL DELIVERIES AND REMOVAL OF ALL CONSTRUCTION MATERIALS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE.
- REMOVE ALL CEILING TILE AND GRID AND ANY HARD CEILING COMPLETELY. REPLACE WHEN FIFTH FLOOR EAST CONSTRUCTION IS COMPLETE.
- THE DEBRIS CHUTE SHALL BE REINFORCED, ENCLOSED AND INSPECTED BY THE VA BEFORE USE.
- CONTRACTOR TO COORDINATE CHUTE AND DUMPSTER LOCATION WITH THE MEDICAL CENTER/COR.

**ASBESTOS REMOVAL KEY NOTES**

- REMOVE ACM WRAPPED PIPING IN THE CEILING. REMOVE PER THE GLOVE BAG SPECIFICATION. CONTRACTOR TO REMOVE ALL PIPING AS REQUIRED PER MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS. SEE PHASE 1 AND REFER TO THE ASBESTOS REPORT.

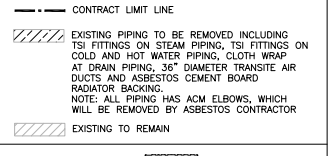
**CONSTRUCTION KEY NOTES**

- CONTRACTOR TO CONSTRUCT A TEMPORARY ONE-HOUR FIRE RATED CONSTRUCTION BARRIER WITH 5/8" FIRE RATED OSB ON EACH SIDE OF 4" METAL STUDS. CORRIDOR JOINTS OF OSB TO BE PAINTED SAME AS ADJACENT WALLS. CONTRACTOR TO PROVIDE RUBBER BASE TO MATCH EXISTING WALL SHALL BE CONSTRUCTED AS SHOWN ON THE PLAN IN THE EAST CORRIDOR. WALL TO BE CONSTRUCTED PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR RENOVATION WORK. STICKY MATS SHALL BE PROVIDED ON INSIDE OF ENTRANCE DOORS AND BE REPLACED AS REQUIRED TO MAINTAIN CLEAN ENVIRONMENT DURING CONSTRUCTION.
- CONTRACTOR TO PROVIDE STICKY MATS OUTSIDE OF THE EXISTING DOORS AND AT THE CONSTRUCTION ENTRANCE.
- CONTRACTOR TO PROVIDE A TEMPORARY AIRLOCK FOR INFECTION CONTROL.
- PAIR 3'-0" TEMPORARY CONSTRUCTION DOORS FOR AIRLOCK INCLUDING DOOR SWEEP; DOOR TO MATCH FIRE RESISTIVE RATING OF PARTITION.
- SHELVING FOR CLEAN AND DIRTY BOOTIES. CONTRACTOR MUST PROVIDE A CLEAN CHUTE TO BE CONSTRUCTED THROUGHOUT CONSTRUCTION PHASES.

**PHASING NOTES**

- THIS PROJECT WILL CONSIST OF TWO PHASES, (PHASE I AND II).
- MAINTAIN EXISTING FIRE RATINGS THROUGHOUT CONSTRUCTION.
- ALL WORK ON 2ND FLOOR, 4TH FLOOR, AND ROOF SHALL BE INCLUDED IN PHASE 1.
- CONTRACTOR SHALL SUBMIT PHASING SCHEDULE PER 01000.1.6.G GENERAL REQUIREMENTS.

**LEGEND**



LOCATION KEY - BUILDING 47 - FOURTH FLOOR

BID SET - 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

100% SUBMITTAL  
BID SET - CONSTRUCTION DOCUMENTS  
DATE: DECEMBER, 21 2012

BY	REVISIONS	DATE

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**CONFIDENTIAL** THESE DRAWINGS MUST BE RETURNED TO FACILITIES MANAGEMENT SERVICE, PROJECT SECTION, UPON COMPLETION, OR FINAL USE BY THE CONTRACTOR FOR BOOKING PURPOSES.

ASBESTOS WARNING: ASBESTOS CONTAINING BUILDING MATERIALS (ACBM) ARE PRESENT THROUGHOUT THE FACILITY. IF CONTRACTORS FIND ACBM, OR SUSPECT FINDING ACBM, THEY SHALL IMMEDIATELY STOP WORK AND CONTACT THE PROJECT COR.

SCALING NOTES: FULL SIZE VA "T" SHEETS (SCALE AS INDICATED) AND HALF SIZE VA "D" SHEETS (@ THE SCALE INDICATED LETTER SIZE DRAWINGS ARE NOT TO SCALE)

GENERAL NOTE: CONTRACTORS AND ARCHITECT/ENGINEERING FIRMS ARE RESPONSIBLE FOR THE FIELD VERIFICATION OF ALL EXISTING CONDITIONS.

Project Title <b>RENOVATE WARD 5 EAST</b>		Date 12/21/12
Drawing Title <b>FOURTH FLOOR - WARD EAST DEMOLITION &amp; ASBESTOS REMOVAL PLAN</b>		Project No. 637-11-119
Building Number 47	Checked JTP	Drawn NEK
Location ASHEVILLE, NC	Drawn No. AD-104	Dwg 12 of 78

Office of Facilities  
Department of Information Systems & Technology