LEGEND

PATIENT RISK GROUP

1	GROUP 1 LOWEST
2	GROUP 2 MEDIUM
3	GROUP 3 MEDIUM HIGH
4	GROUP 4 HIGHEST

SUMMATION

AT FIRST FLOOR ELEVATOR LOBBIES:
SPACE IS WITHIN PATIENT RISK GROUP 2
MEDIUM HIGH, CONSTRUCTION ACTIVITY TYPE 'D', RESULTING IN A CLASS IV RATING IN INFECTION CONTROL PROCEDURES

Construction Activity Type

Type A	**Inspection and Non-Invasive Activities** Includes, but is not limited to: • removal of ceiling tiles for visual inspection limited to 1 tile per 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
Type B	**Small scale, short duration activities that create minimal dust** Includes, but is not limited to: • installation of telephone and computer cabling • access to chase spaces • 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** • sanding of wall for painting or wall covering • removal of floor coverings, ceiling tiles and casework • new wall construction • minor ductwork 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 • activities which require heavy demolition or removal of a complete ceiling system • new construction

Patient Risk Group

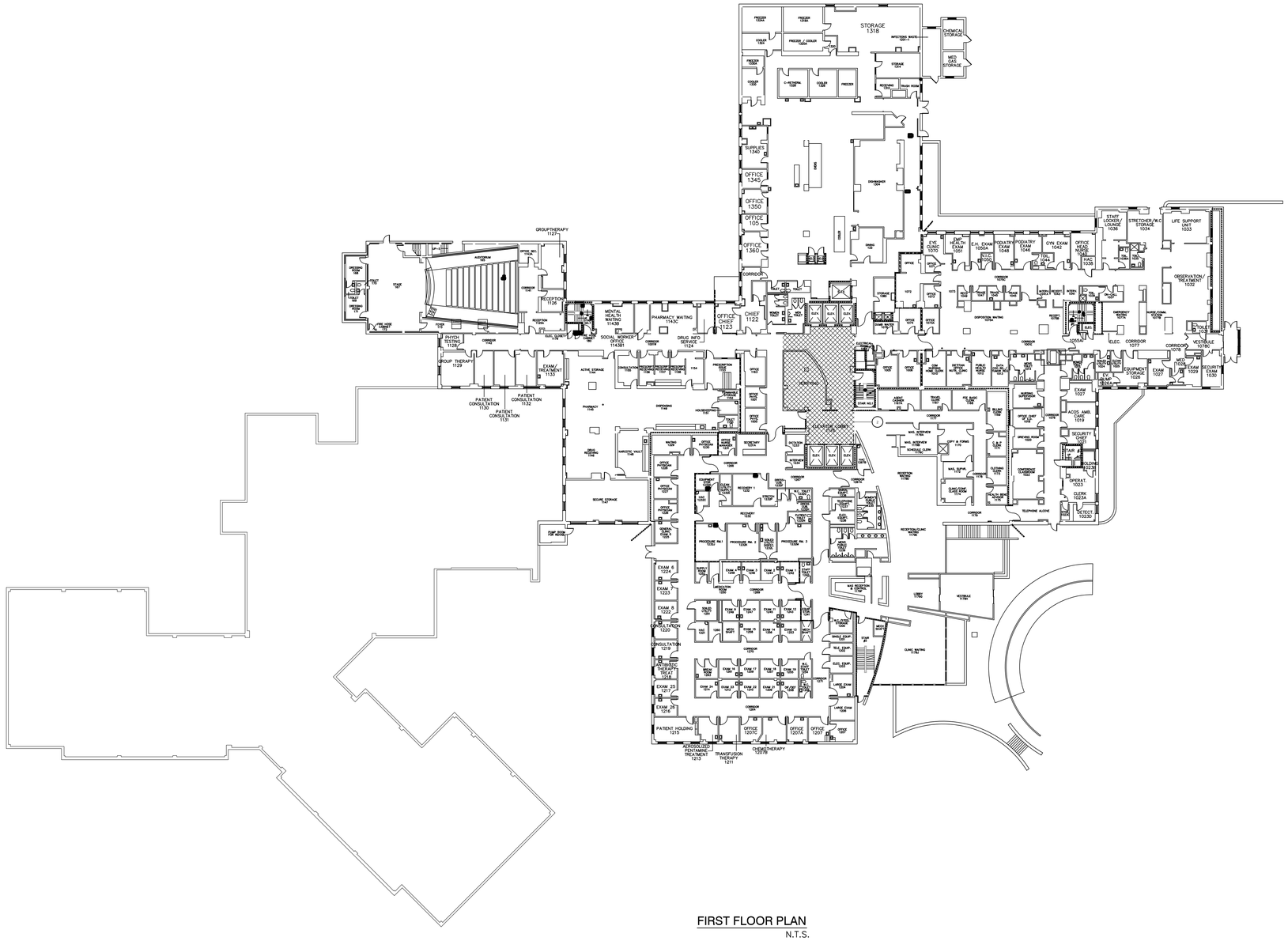
GROUP 1 LOWEST	GROUP 2 MEDIUM	GROUP 3 MEDIUM HIGH	GROUP 4 HIGHEST
1.) Office areas 2.) Administration 3.) Public areas	1.) All patient care areas not mentioned in groups 3 or 4 (example: Cardiac Rehabilitation, Neurophysiology) 2.) Admission 3.) Outpatient areas	1) Emergency Department 2) Radiology/MRI 3) Post-anesthesia Care Unit 4) Labor and Delivery 5) Newborn Nurseries 6) Pediatrics 7) Nuclear Medicine 8) PT – tank areas 9) Kitchen 10) Echocardiography 11) Laboratories 12) Diagnostic Imaging 13) Respiratory Therapy	1) Transplant units 2) Operating Rooms; Sterile Processing 3) Labor and Delivery Operating Rooms 4) Intensive Care Units 5) Cardiovascular Recovery 6) Cardiac Catheterization & Angiography Areas 7) Outpatient chemotherapy areas 8) Dialysis 9) Oncology 10) All endoscopy areas 11) Pharmacy Admixture 12) Special Procedures 13) HIV Unit

Case of Inspection Control Procedures

CONSTRUCTION ACTIVITY TYPE→ PATIENT RISK GROUP ↓	TYPE "A"	TYPE "B"	TYPE "C"	TYPE "D"
Group 1 Lowest	I	II	II	III/IV
Group 2 Medium	I	II	III	IV
Group 3 Medium High	I	III	III/IV	IV
Group 4 Highest	III	III/IV	III/IV	IV

Infection Control Procedures

Class I	• Execute work by method to limit raising dust from construction • **Ceiling tiles:** Immediately replace tiles displaced for visual inspection • **Traffic:** Visitor traffic routes should limit contact with patients • Maintain manpower and equipment including dust mops, brooms, buckets and clean wiping rags for cleaning fine dust from floors and other surfaces on adjacent occupied areas.	• Transportation route or storage for clean supplies not near contaminated materials • **Traffic:** Patient movement: Limit exposure of patients to construction • **Utility Disruption:** Schedule interruptions during low activity
Class II in addition to points for Class I above:	• **Water:** mist work surfaces when cutting • **HVAC**: Air vents blocked and sealed before starting • Monitor need to change or clean filters during construction • Area contained to 1 room with walls from floor to ceiling. Close door and duct tape frames and door • **Debris:** covered, sealed and taped shut during transport • No elevators used for debris removal • Contractor will clean up dust tracked outside construction area immediately, using HEPA vacuum or damp mop.	• **Dust**: wet-mop and place adhesive door mats at entrance. Mats shall be changed daily or more frequently, if necessary. • Holes in walls not exposed > 4 hours. Cover if longer time period. • **Ceiling:** access panels without barriers must be closed when unattended • **Ceiling Tiles, porous:** remove and replace if wet • **Ceiling Tiles, non-porous:** remove, clean with dilute hypochlorite or other approved cleaning solution and dry before replacement
Class III in addition to points for Classes above:	• Consult Infection Control • Educate staff regarding risks • Examine design of operational laundry/trash chutes for potential transmission • **Dust Minimization:** partitions must be installed prior to starting (including construction in ceilings). These barriers, including those above ceilings, shall be dust tight. • **Debris:** Chute for debris removal: HEPA-filtered • Transport debris during low activity period • Site thoroughly cleaned before patient admittance; remove blockage of air vents and wet mop with disinfectant • **Barriers:** Dampers closed temporarily to limit circulation of contaminated air • Assure adjacent air filtering systems are functioning • Thoroughly clean new area before patient admittance • Airtight plastic barrier from floor to ceiling or drywall • Plastic seams must be sealed with duct tape • Remove barriers carefully to limit spread of dust/dirt • Barriers considered debris at disposal • **Ceiling:** Openings from removed tiles covered in plastic and sealed until replaced • **HVAC:** Bottom of outdoor air intakes serving central system 6 feet above ground or 3 feet above roof	• Increase air filter change frequency • Fresh air intakes 25 feet from exhaust outlets of vent system, combustion equipment stacks, medical/surgical vacuum system, plumbing vents, or area near vehicular exhaust or other fumes • Vent system cleaned and balanced after completion of construction • **Carpet:** Avoid in clinical areas (including hallways) • Never in areas of frequent spillage or heavy soilage (OR, ICU, Lab) • **Water:** Mains, branch mains, risers, and branches to a group of fixtures have stop valves • No built-in soap dispensers • Adequate room for single-use paper towel dispensers and waste disposal • Water lines flushed at site And adjacent areas before patient occupation • Temperatures checked before patient admittance • Floor drains should be avoided • Obtain potable water when needed • **Sinks:** Easily accessible; nearby surfaces are non-porous to resist fungal growth • **Cooling Tower,** New: Direct tower drift away from air intake system. Operational: Drift eliminators present and biocides used regularly • **Control Cube:** When access panels are opened or new openings are made in existing ceilings in occupied areas use a Control Cube or provide a plastic enclosure around the ladder sealing off opening, fitted tight to the ceiling and floor.
	• Exhaust system above roof and 75 feet from air intake • Maintain negative pressure in construction area • Block off all existing ventilation ducts within the construction area. Method of capping ducts shall be dust tight and withstand airflow.	
Class IV In addition to points for Classes above:	• Consult Infection Control • Relocate patients to area remote from construction areas • **OR and Delivery Room:** air supply from ceiling outlets near center of work area. Returns (at least 2 and far apart as feasible) near floor	• **Water:** No floor drains • **Sinks:** Foot, knee, or sensor control units when risk of touch contamination (*e.g.*, OR) • **Air in OR:** Must have at least 90% filters • **Bone Marrow Transplant (BMT) or "Protected Environment Room":** HEPA filtered
Isolation Rooms	• Negative pressure for airborne isolation • Minimum of 12 air changes/hour • Exhaust to outside or recirculated after HEPA filtration • Separate toilet, bathtub (or shower) and sink • Adequate room for handwashing, gowning, and storage of clean and soiled materials	• Positive pressure for BMT • Anteroom(s) recommended (at least 1 room that can be made negative pressure for patient with an airborne infection) • Best air flow: • Hallway—anteroom—patient room • HEPA-filtered • Rooms well-sealed



FIRST FLOOR PLAN
N.T.S.

100% SUBMISSION

Revisions	Date

Professional Seal

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Dwg. 3 of 14

WILMINGTON VAMC

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