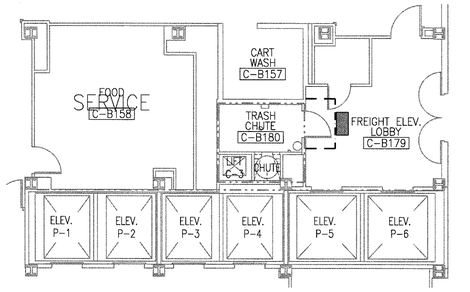
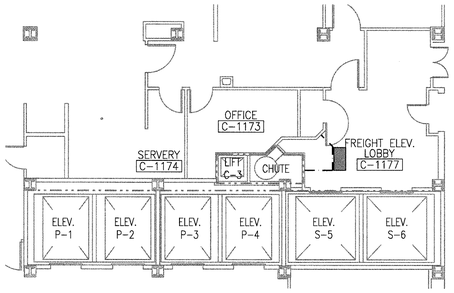
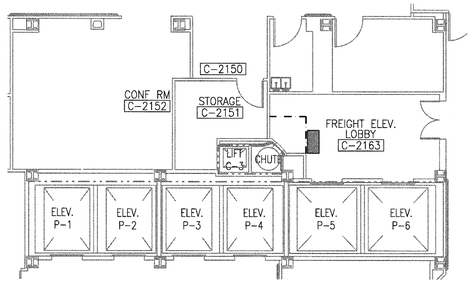


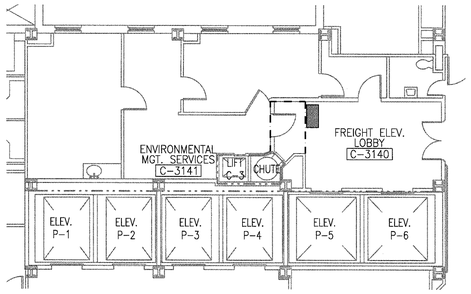
B1 BASEMENT PLAN
1/8" = 1'-0"



B3 FIRST FLOOR PLAN
1/8" = 1'-0"



B5 SECOND FLOOR PLAN
1/8" = 1'-0"



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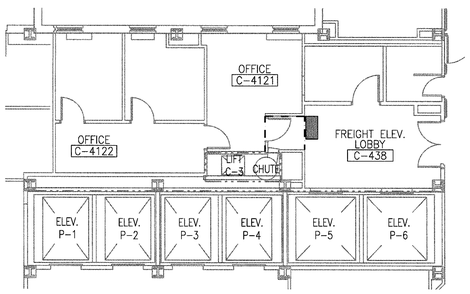
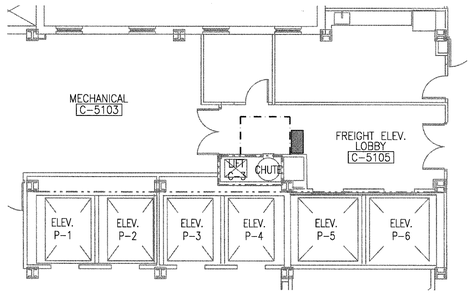
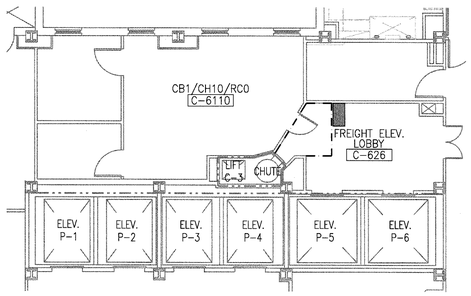
1/8" = 1'-0"



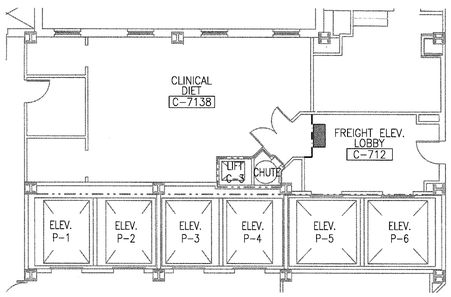
D3 FOURTH FLOOR PLAN
1/8" = 1'-0"



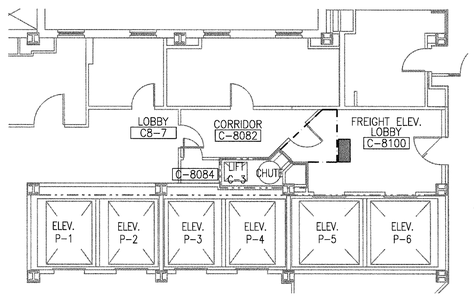
D5 FIFTH FLOOR PLAN
1/8" = 1'-0"



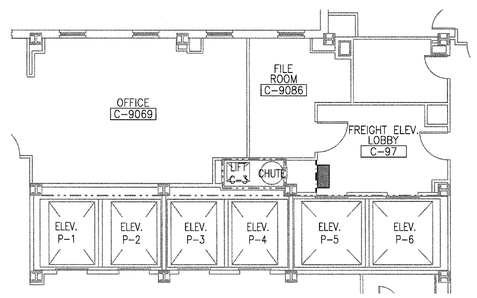
F1 SIXTH FLOOR PLAN
1/8" = 1'-0"



F3 SEVENTH FLOOR PLAN
1/8" = 1'-0"



F5 EIGHTH FLOOR PLAN
1/8" = 1'-0"



F7 NINTH FLOOR PLAN
1/8" = 1'-0"

GENERAL INFECTION AND DUST CONTROL PLAN NOTES

FOR THE PURPOSE OF THE RENOVATION, THE CONSTRUCTION WORK IS CONSIDERED LOW RISK. THE DUST CONTROL PLAN SHALL BE DISTRIBUTED AND REVIEWED BY ALL CONTRACTORS PERFORMING WORK ON THIS CONSTRUCTION PROJECT.

A. EXTERNAL DEMOLITION AND CONSTRUCTION ACTIVITIES
1. DETERMINE IF THE IMPACTED AREAS OF THE FACILITY CAN OPERATE TEMPORARILY ON RECIRCULATED AIR; IF FEASIBLE SEAL OFF ADJACENT AIR INTAKES.
2. IF THIS IS NOT POSSIBLE OR PRACTICAL, CHECK THE LOW-EFFICIENCY FILTER BANKS FREQUENTLY AND REPLACE AS NEEDED TO AVOID BUILDUP OF PARTICULATE.
3. SEAL WINDOWS AND REDUCE WHEREVER POSSIBLE OTHER SOURCES OF OUTSIDE AIR INTRUSION (OPEN DOORS IN STAIRWELLS AND CORRIDORS) ESPECIALLY IN PROTECTIVE ENVIRONMENT (PE) AREAS.

B. INTERNAL DEMOLITION AND CONSTRUCTION ACTIVITIES DUST AND DEBRIS CONTROL
1. BARRIER SYSTEMS: THE AREA SHALL BE ISOLATED, AS THE PROJECT REQUIRES. SMALL, SHORT DURATION PROJECTS GENERATING MINIMAL DUST SHALL USE FIRE-RATED PLASTIC SHEETING, BUT SHALL BE SEALED AT FULL CEILING HEIGHT WITH AT LEAST 2-FOOT OVERLAPPING FLAPS FOR ACCESS TO ENTRY. PROJECTS THAT PRODUCE MODERATE TO HIGH LEVELS OF DUST REQUIRE RIGID, DUST-PROOF, AND FIRE-RATED BARRIER WALLS (E.G., DRYWALL) WITH CAULKED SEAMS FOR A TIGHT SEAL EXTENDING FLOOR TO CEILING. SEAL OFF AND BLOCK RETURN AIR VENTS IF RIGID BARRIERS ARE USED FOR CONTAINMENT. LARGE DUSTY PROJECTS NEED AN ENTRY VESTIBULE FOR CLOTHING CHANGES AND TOOL STORAGE AND TIGHT SEALS SHALL BE MAINTAINED AT THE FULL PERIMETER OF WALLS AND WALL PENETRATIONS. AN INTERIM PLASTIC DUST BARRIER (MINIMUM 4-MIL) SHALL BE REQUIRED TO PROTECT THE AREA WHILE THE RIGID IMPERVIOUS BARRIER IS BEING CONSTRUCTED. ANY DUST SHALL BE IMMEDIATELY CLEANED IF TRACKED OUTSIDE OF THE CONSTRUCTION BARRIER. UPON COMPLETION OF THE CONSTRUCTION PROJECT 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. CONTRACTOR PERSONNEL SHALL MONITOR AND PERFORM BARRIER MAINTENANCE AND BE EDUCATED TO NOTICE SIMPLE CLUES SUCH AS ACCUMULATIONS OF VISIBLE DUST EVIDENCED BY FOOTPRINTS, OPENED DOORS/WINDOWS EVIDENCED BY PRESENCE OF INSECTS AND FLIES, OR WET CEILING TILES.
2. 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.
3. 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 VAMC.
4. EXTERIOR WINDOWS: WINDOWS SHALL BE SEALED TO MINIMIZE INFILTRATION FROM ANY ADJACENT EXCAVATION DEBRIS.

C. VENTILATION AND ENVIRONMENTAL CONTROLS
1. AIR SYSTEM FLOW: DETERMINE WHETHER THE CONSTRUCTION AREA USES FRESH/OUTSIDE OR RECIRCULATED AIR; FILTERS SHALL BE ADDED OR RETURN VENTS COVERED AS NEEDED WITH FILTER MATERIAL OR PLASTIC. AIR SHALL FLOW FROM CLEAN TO DIRTY AREAS.
2. 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, OR EXHAUST AIR DIRECTLY 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.
3. ADJACENT AREAS: THE STATUS OF SEALED PENETRATIONS AND INTACT CEILING SHALL BE VERIFIED DAILY.
4. 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. VAMC SHALL MAKE DETERMINATION ON PROVIDING FOR THE ACCOUNTABILITY AND FREQUENCY OF TESTING AIR PRESSURE THROUGHOUT THE PROJECT.

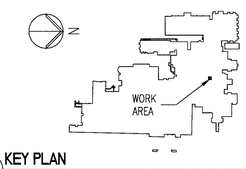
D. CONTAMINATION OF PATIENT ROOMS, SUPPLIES, EQUIPMENT AND RELATED AREAS
1. WORKSITE CLOTHING: CONTRACTOR PERSONNEL CLOTHING SHALL BE FREE OF LOOSE SOIL AND DEBRIS BEFORE LEAVING THE CONSTRUCTION AREA. IF PROTECTIVE APPAREL IS NOT WORN (E.G., COVERALLS, FOOTGEAR AND HEADGEAR) A HEPA-FILTERED VACUUM SHALL 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, OR 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.
2. CONTRACTOR CLEANING: THE CONSTRUCTION ZONE SHALL BE MAINTAINED IN A CLEAN MANNER BY CONTRACTORS AND SWEPT OR HEPA-VACUUMED DAILY OR MORE FREQUENTLY AS NEEDED TO MINIMIZE DUST. ADJACENT AREAS THAT ARE IMPACTED BY THE CONSTRUCTION SHALL BE DAMP MOPPED DAILY OR MORE FREQUENTLY AS NEEDED. WALK-OFF MATS WITH TACKY OR ADHESIVE SURFACES SHALL BE UTILIZED TO MINIMIZE TRACKING OF HEAVY DIRT AND DUST FROM CONSTRUCTION AREAS.

LEGEND:

2 HOUR FIRE RATED WALL CONSTRUCTION

DUST BARRIER

WALK OFF MAT (2'-0" X 3'-0")



KEY PLAN
N.T.S.

FULLY SPRINKLERED BUILDING
BID DOCUMENTS - FOR CONSTRUCTION

Revisions	Date

CONSULTANTS:

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LICENSED PROFESSIONAL ENGINEER
Oct 2014

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Drawing Title	INFECTION AND DUST CONTROL PLANS
Approved Project Director	
Project Title	REPLACE TRASH CHUTE
Location	RICHARD L. ROUDEBUSH VAMC, 1481 W 10TH STREET, INDIANAPOLIS IN 46202
Date	10-07-2014
Checked	JCP
Drawn	LSS
Project Number	583-13-160
Building Number	1
Drawing Number	GI101

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231