

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

PHASING PLAN — SYMBOLS LEGEND

○

PHASING PLAN NOTE

— 1.1 —

PHASING AREAS (SEE PLAN NOTES)

— • • • —

ONE HOUR FIRE WALL

— • • • • —

TWO HOUR FIRE WALL

— ○ —

ONE HOUR FIRE/SMOKE WALL

— ○ ○ —

TWO HOUR FIRE/SMOKE WALL

— ○ ○ ○ ○ ○ —

30 MINUTE SMOKE BARRIER

PHASING FLOOR PLAN — GENERAL NOTES

A. CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND SEQUENCING OF CONSTRUCTION PHASING WITH THE FHCC'S SCHEDULE, INFECTION CONTROL, AND INTERIM LIFE SAFETY REQUIREMENTS.

B. PROVIDE SUB-PHASING AS NEEDED TO COMPLETE WORK BETWEEN PHASES. REFER TO SECTION 010000 ITEM 1.6G FOR OTHER GENERAL PHASING REQUIREMENTS.

C. PROVIDE A MINIMUM OF 1 HOUR FIRE RATED WALL SEPARATION BETWEEN OCCUPIED SPACES AND CONSTRUCTION AREAS AT ALL PHASES. REFER TO SECTION 010110 1HR FOR MORE INFORMATION. EXISTING WALLS BEING USED AS PART OF THE CONSTRUCTION SEPARATION SHALL BE UPGRADED TO COMPLY WITH A 1 HOUR UL DESIGN FIRE RATED WALL.

D. SEE DETAILS ON SHEET AS-900 FOR TEMPORARY CONSTRUCTION WALL & INFECTION CONTROL WALL.

E. MAINTAIN EGRESS TO ALL STAIRWELLS.

F. MAINTAIN PUBLIC ACCESS TO ELEVATORS.

G. SEE DOOR SCHEDULE FOR TEMPORARY CONSTRUCTION DOORS. AT THE END OF CONSTRUCTION, SALVAGE THESE DOORS AND TURN OVER TO THE FHCC.

H. REFER TO SHEETS G003 FOR INFECTION CONTROL PLANS & NOTES.

I. HOURS OF OPERATION FOR NOISE AND VIBRATION OPERATIONS ARE DURING OFF NORMAL HOSPITAL OPERATION HOURS (4:30PM TO 7:00AM). WORK INTERRUPTING KITCHEN OPERATIONS BETWEEN 8:00PM TO 5:00AM. SERVICE INTERRUPTIONS DURING OFF NORMAL WORK HOURS AND SCHEDULED MINIMUM (2) WEEK ADVANCED NOTICE.

J. CONTRACTOR NEEDS TO CONFORM TO ALL INFECTION CONTROL REQUIREMENTS FOR WORK. ALL INFECTION CONTROL BARRIERS ARE NOT SHOWN AND WILL DEPEND ON THE MEANS AND METHODS OF THE WORK INVOLVED.

PHASING PLAN NOTES

① TEMPORARY SERVING AREA

① DEMO EXISTING SOUTH WALL OF KITCHEN 101A

① REMOVE DOORS, SINK, AND PORTION OF WALL FOR NEW CONSTRUCTION

① ADD NEW SINK AND KITCHEN EQUIPMENT TO TEMPORARY SERVING AREA

① REMOVE AND RELOCATE EXISTING SERVING LINE TO TEMPORARY SERVING LOCATION

① BUILD TEMPORARY WALL AT THE EAST END OF STORAGE 100. THIS AREA WILL BE USED FOR TEMPORARY DINING.

② DINING ROOM 107

② DEMO EXISTING DINING ROOM 107

② BUILD NEW WALL IN DINING ROOM 107

③ OFFICE AREA

③ KITCHEN 112

③ EXISTING DISHWASH AREA

③ DEMO TEMPORARY SERVING LINE

③ ADD NEW LOCKER ROOMS AND TOILETS

④ WAREHOUSE AND OFFICE AREA

④ CORRIDORS

④ EXTERIOR IMPROVEMENTS AND ROOF REPLACEMENT

LEGEND / NOTES

Patient Risk Group

LOW Risk Group

MEDIUM Risk Group

HIGH Risk Group

HIGHEST Risk Group

TYPE A

TYPE B

TYPE C

TYPE D

EGRESS / EXIT

T5_T6_TEMPORARY CONSTRUCTION DOOR

ICW INSTALL PLASTIC ABOVE CEILING FROM TOP OF WALL TO DECK ABOVE PRIOR TO DEMOLITION (3 DAYS CONSTRUCTION TIME MAX — IF OVER 3 DAYS, CONSTRUCT CBW1 AND FIRESTOP TO DECK ABOVE)

CBW1 TEMPORARY 1 HOUR RATED CONSTRUCTION BARRIER WALL. SEE DETAIL B1/A900.

CBW2 PHASE 3 CONSTRUCTION BARRIER WALLS & FINAL WALLS. SEE DETAIL C1/A900.

D. Description of Required Infection Control Precautions by Class

During Construction Project	Upon Completion of Project
<div>CLASS I</div> <div><div>1. Execute work by methods to minimize raising dust from construction operations.</div><div>2. Immediately replace a ceiling tile displaced for visual inspection</div></div>	
<div>CLASS II</div> <div><div>1. Provide active means to prevent airborne dust from dispersing into atmosphere.</div><div>2. Water mist work surfaces to control dust while cutting.</div><div>3. Seal unused doors with dust tape.</div><div>4. Block off and seal air vents.</div><div>5. Place dust mat at entrance and exit of work area</div><div>6. *Remove or isolate HVAC system in areas where work is being performed.</div></div>	<div>1. Wipe work surfaces with disinfectant.</div> <div>2. Contain construction waste before transport in tightly covered containers.</div> <div>3. Wet mop and/or vacuum with HEPA filtered vacuum before leaving work area.</div> <div>4. Remove isolation of HVAC system in areas where work is being performed.</div>
<div>CLASS III</div> <div><div>1. *Remove or Isolate HVAC system in area where work is being done to prevent contamination of duct system.</div><div>2. Complete all critical barriers i.e. sheetrock, plywood, plastic, to seal area from non-work area or implement control cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins.</div><div>3. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.</div><div>4. Contain construction waste before transport in tightly covered containers.</div><div>5. Cover transport receptacles or carts. Tape covering unless solid lid.</div><div>6. Use window for negative HEPA air exhaust when accessible. Obtain V.A. resident engineer approval for exhausting in existing exhaust ductwork.</div></div>	<div>1. Do not remove barriers from work area until completed project is inspected by the owner's Safety Department and Infection Control Department and thoroughly cleaned by the owner's Environmental Services Department.</div> <div>2. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction.</div> <div>3. Vacuum work area with HEPA filtered vacuums.</div> <div>4. Wet mop area with disinfectant.</div> <div>5. Remove isolation of HVAC system in areas where work is being performed.</div>
<div>CLASS IV</div> <div><div>1. Isolate HVAC system in area where work is being done to prevent contamination of duct system.</div><div>2. Complete all critical barriers i.e. sheetrock, plywood, plastic, to seal area from non-work area or implement control cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins.</div><div>3. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.</div><div>4. Seal holes, pipes, conduits, and punctures appropriately.</div><div>5. Construct anteroom and require all personnel to pass through this room so they can be vacuumed using a HEPA vacuum cleaner before leaving work site or they can wear cloth or paper coveralls that are removed each time they leave the work site.</div><div>6. All personnel entering work site are required to wear shoe covers. Shoe covers must be changed each time the worker exits the work area.</div><div>7. Do not remove barriers from work area until completed project is inspected by the owner's Safety Department and Infection Control Department and thoroughly cleaned by the owner's Environmental Services Department.</div></div>	<div>1. Remove barrier material carefully to minimize spreading of dirt and debris associated with construction.</div> <div>2. Contain construction waste before transport in tightly covered containers.</div> <div>3. Cover transport receptacles or carts. Tape covering unless solid lid.</div> <div>4. Vacuum work area with HEPA filtered vacuums.</div> <div>5. Wet mop area with disinfectant.</div> <div>6. Remove isolation of HVAC system in areas where work is being performed.</div>

TYPE A

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 which 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

Includes, but is not limited to:

sanding of walls for painting or wall covering

removal of floor coverings, ceiling tiles and casework

new wall construction

minor duct work or electrical work above ceilings

major cabling activities

any activity that 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

requires heavy demolition or removal of a complete cabling system

new construction.

NOTE:

PHASING SHOWN FOR BIDDING AND INFORMATIONAL PURPOSES ONLY

GENERAL NOTES

1. MAINTAINING THE INTEGRITY OF THE FIRE AND SAFETY SYSTEMS IN PLACE IN THE MEDICAL CENTER AND ALL OF ITS OUT BUILDINGS DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

2. IN ADDITION TO ALL VA MEDICAL CENTER POLICIES, ALL NATIONAL, STATE, AND LOCAL CODES AND ORDINANCES SHALL APPLY TO ALL OF THEIR CONTRACTORS AND SUB-CONTRACTORS.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL PERTINENT OSHA SAFETY REQUIREMENTS.

4. PROVIDE LOCKOUT-TAGOUT AND CONFINED SPACE ENTRY POLICIES AS APPLICABLE AND AS REQUIRED BY OSHA. THESE POLICIES SHALL BE SUBMITTED FOR PRIOR APPROVAL BY THE VA SAFETY OFFICER / MANAGER.

5. SUBMIT APPROPRIATE INTERIM LIFE SAFETY MEASURES. REFER TO SPECIFICATION 01 01 10 FOR MORE INFORMATION.

6. CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS OF NON-COMBUSTIBLE MATERIALS WHICH PROVIDE A SMOKE TIGHT SEPARATION BETWEEN THE CONSTRUCTION AREAS AND ALL OTHER OCCUPIED AREAS. MAINTAIN INTEGRITY OF THE ENCLOSURE DURING THE CONSTRUCTION. REFER TO SPECIFICATION SECTION 00 01 10-1HR.

7. EXISTING FIRE PROTECTION SYSTEMS, INCLUDING FIRE ALARM SYSTEMS, SMOKE DETECTION SYSTEMS, AND SPRINKLER SYSTEMS SHALL NOT BE IMPAIRED DURING CONSTRUCTION. SMOKE DETECTOR DISABLE REQUESTS: OUTAGE REQUESTS TO BE SUBMITTED TO FM ENGINEER FOR APPROVAL FOR SPECIFIC DATE AND TIME. ALARMS WILL ONLY BE TURNED OFF FOR SPECIFIC SHIFTS REQUESTED AND WHEN CONTRACTORS ARE IN THE CONSTRUCTION AREA. ALARMS WILL BE RESTORED AT THE END OF THE WORK DAY BY CALLING THE SAME EXTENSION. AT NO TIME WILL ALARMS REMAIN OFF OVERNIGHT. SMOKE DETECTORS AND OR SPRINKLER HEADS: DO NOT COVER BY BAGS, TAPE, AND PLASTIC OR IN ANY OTHER MANNER THAT WILL DEFEAT THEIR ABILITY TO SENSE SMOKE OR HEAT AND OPERATE AS DESIGNED.

8. DAILY ACCUMULATIONS OF TRASH, COMBUSTIBLE MATERIALS, PACKAGING, AND DEBRIS SHALL BE REMOVED FROM THE CONSTRUCTION AREA ON A DAILY BASIS. FLAMMABLE MATERIALS MAY BE STORED ON SITE IN AN APPROVED AND APPROPRIATELY MARKED FLAMMABLE MATERIALS CABINET.

9. ALL BUILDINGS ON THIS MEDICAL CENTER ARE SMOKE FREE ZONES. USE OF SMOKING MATERIALS IS PROHIBITED, EXCEPT IN DESIGNATED SMOKING SHELTERS AND OUT OF DOORS.

1. PATCH AND REPAIR ALL AREAS AFFECTED BY DEMO AND / OR CONSTRUCTION TO MATCH EXISTING. PATCHED AREAS ARE TO RECEIVE FINISHES AND TRIM TO MATCH ADJACENT AREA, EXCEPT AS NOTED IN THE ROOM FINISH SCHEDULE. PATCH CEILINGS AND FLOORS TO ACHIEVE A CONTINUOUS FINISHED APPEARANCE.

2. PLANS DESIGNATE ITEMS TO BE REMOVED BY CONTRACTOR AS SALVAGE FOR THE OWNER. CONTRACTOR SHALL REMOVE SAID ITEMS WITH EXTREME CARE AND RETURN THEM TO OWNER, CONTRACTOR OWNS OTHER DEMOLISHED MATERIALS AND EQUIPMENT.

3. REMOVE, RELOCATE, STORE AND REINSTALL PORTABLE EQUIPMENT, FURNITURE, SHELVES, CURTAIN RODS, DRAPERY, BULLETIN BOARDS, WHICH WOULD INTERFERE WITH DEMOLITION WORK.

4. REFER TO SPECIFICATIONS FOR SHORING REQUIREMENTS WHERE DEMOLITION WORK AFFECTS THE STRUCTURAL INTEGRITY OF WALLS OR FLOORS. IF NOT SO INDICATED IN SPECIFICATIONS, CONTRACTOR SHALL SUBMIT SHORING PLAN AND SHOP DRAWINGS FOR VA APPROVAL. SHORING IS CONTRACTOR'S RESPONSIBILITY.

5. PROTECT ALL EXISTING SURFACES FROM DAMAGE. ANY DAMAGED SURFACES SHALL BE REPLACED TO MATCH ORIGINAL ITEM OR REPAIRED TO MATCH EXISTING OR ADJACENT MATERIAL AS APPROVED BY THE VA COTR.

6. ACM ABATEMENT CONTRACTOR: REMOVE ACM MATERIALS IDENTIFIED IN PLANS AND SPECIFICATIONS, AND IN ACM REPORT. NOTIFY ENGINEERING PRIOR TO REMOVAL OF ANY ACM MATERIALS FOR APPROVAL OF CONTAINMENT, SETUP, AND REMOVAL PROCEDURES. OBTAIN APPROVAL PRIOR TO STARTING ACM REMOVAL. NOTIFY ENGINEERING PRIOR TO ENCAPSULATION TO HAVE VA I.H. APPROVE REMOVAL. PROVIDE MINIMUM 14 DAYS NOTICE. PROVIDE ACM DISPOSAL DOCUMENTATION PRIOR TO RELEASE OF RETAINAGE AND FINAL PAYMENT.

7. VERIFY EXISTING CONDITIONS AND LOCATIONS IN FIELD PRIOR TO SUBMITTING PROPOSAL. FAILURE TO DO SO SHALL NOT RELIEVE THIS CONTRACTOR FROM PERFORMING THE WORK REQUIRED UNDER THIS CONTRACT.

8. ALL SUB-CONTRACTORS ARE ENCOURAGED TO VISIT AND INSPECT THE EXISTING AREA AND THOROUGHLY FAMILIARIZE THEMSELVES WITH ACTUAL JOB CONDITIONS BEFORE BID EXTRAS WILL BE ALLOWED ONLY FOR WORK NOT SHOWN ON PLANS.

9. WHILE THE SIZE AND LOCATION OF NEW WORK AND EQUIPMENT IN THE EXISTING AREA HAS BEEN INDICATED ON THE DRAWINGS AS ACCURATELY AS POSSIBLE, CONTRACTOR SHALL ADJUST HIS WORK AS REQUIRED TO AVOID EXISTING UTILITIES, GAS LINES, SEWER, FIRE ALARM, ROOF DRAINS, ACCESS COVERS, AND OTHER STRUCTURES NOT PARTICULARLY SHOWN ON THE PLAN AT NO ADDITIONAL COST. BEFORE CONSTRUCTION, INSPECT PREMISES MAKE A DETAILED EXAMINATION OF ALL LOCATIONS WHERE NEW WORK IS TO BE INSTALLED, EXAMINE EXISTING PIPING, CONDUITS, STRUCTURAL SUPPORTING BEAMS, AND OTHER CONDITIONS.

10. DISCONNECT AT SOURCE AND REMOVE EXISTING MECHANICAL AND ELECTRICAL MATERIALS AND EQUIPMENT WHICH ARE RENDERED OBSOLETE BY THESE ALTERATIONS AND ADDITIONS. REMOVED EQUIPMENT AND MATERIALS ARE THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. NO MECHANICAL, ELECTRICAL, PLUMBING EQUIPMENT, ETC. SHALL BE ABANDONED IN PLACE.

11. DISCONNECT, REMOVE AND RELOCATE EXISTING MECHANICAL AND ELECTRICAL MATERIALS AND EQUIPMENT WHICH INTERFERE OR ARE INTERFERED WITH, OBSTRUCT OR ARE OBSTRUCTED BY, THESE ALTERATIONS AND ADDITIONS. PERMANENTLY INSTALL SUCH ITEMS IN NEW LOCATIONS AS DIRECTED. RECONNECT SUCH ITEMS IN PROPER OPERATING CONDITION AT NEW LOCATIONS.

12. DO NOT INTERFERE WITH EXISTING BUILDINGS' MECHANICAL, ELECTRICAL, AND SECURITY SYSTEMS OPERATIONS. IF IT IS ABSOLUTELY NECESSARY TO SHUT DOWN FACILITY SYSTEMS AT ANY TIME, CONSULT OWNER AND ENGINEER TO MAKE ARRANGEMENTS TO DO SO ON OFF WORKING HOUR PERIODS AT THE OWNER'S CONVENIENCE. PRIOR NOTICE SHALL BE GIVEN TO THE OWNER AND THE ARCHITECT (14) DAYS IN ADVANCE OF THE DESIRED SHUT-DOWN TIME. ANY PREMIUM OR OVERTIME COSTS NECESSARY TO ACCOMPLISH THE ABOVE SHALL BE INCLUDED IN THIS BID. FAILURE TO PROCEED WITHOUT PROPER PRIOR NOTIFICATION MAY RESULT IN THE ASSESSMENT OF A CREDIT TO THE CONTRACT.

13. ALL AS-BUILT CONDITIONS SHOULD BE VERIFIED BY THE CONTRACTOR IN THE FIELD.

FINAL BID DOCUMENTS

06-26-12

90% CONSTRUCTION DOCUMENTS SUBMISSION

05-17-12

50% CONSTRUCTION DOCUMENTS SUBMISSION

04-06-12

35% DOCUMENTS SUBMISSION

02-22-12

SCHEMATIC DESIGN SUBMISSION

11-21-11

Revisions:

Date

Federal Health Care Center

U.S. Department of Veterans Affairs | U.S. Department of Defense

Captain James A. Lovell

Federal Health Care Center

3001 Green Bay Road

North Chicago, IL, 60064

CAPTAIN JAMES A. LOVELL

FEDERAL HEALTH CARE CENTER

2010

CONSULTANTS:

ARNOLD & O'SHERIDAN

Consulting Engineers

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Plunkett Raysich Architects

Intelligent Designs

Inspired Results

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PRA Job No. 110172-01

Drawing Title

Phasing and Infection Control Notes

Approved: Project Director

Project Title

AE SCIP for Building 6 FHCC

Location

North Chicago, IL

Date

June 26, 2012

Checked By:

PRA

Drawn By:

RLS

Project Number

556-11-119

Building Number

6

Drawing Number

G-001

Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

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