

Philadelphia VA Medical Center
Replacement of AC-19 and
Laboratory Renovation
Philadelphia, PA 19104

April 12, 2012
Issued for Bid
VA Project No. VA244-P-1786
Array Project No. 3515

DRAWING LIST

GI-001 COVERSHEET
GC-131 LIFE SAFETY PLAN
GC-132 3RD FLOOR OVERALL PHASING PLAN
GC-133 PHASING AND ICRA PLANS - PHASE 0
AD-131 THIRD FLOOR DEMOLITION PLANS - PHASES 0 & 1
AD-132 THIRD FLOOR DEMOLITION PLANS - PHASE 2
AD-133 THIRD FLOOR DEMOLITION PLANS - PHASES 3 - 6
AE-001 OVERALL ARCHITECTURAL PLAN
AE-130A THIRD FLOOR PLAN - PHASE 0
AE-130B THIRD FLOOR REFLECTED CEILING PLAN - PHASE 0
AE-131A THIRD FLOOR PLAN - PHASE 1
AE-131B THIRD FLOOR REFLECTED CEILING PLAN - PHASE 1
AE-132A THIRD FLOOR PLAN - PHASE 2
AE-132B THIRD FLOOR REFLECTED CEILING PLAN - PHASE 2
AE-133A THIRD FLOOR PLAN - PHASE 3
AE-133B THIRD FLOOR REFLECTED CEILING PLAN - PHASE 3
AE-134A THIRD FLOOR PLAN - PHASE 4
AE-134B THIRD FLOOR REFLECTED CEILING PLAN - PHASE 4
AE-135A THIRD FLOOR PLAN - PHASES 5 AND 6
AE-135B THIRD FLOOR REFLECTED CEILING PLAN - PHASES 5 AND 6
AE-140 ROOF PLANS
GC-134 PHASING AND ICRA PLAN - PHASE 1
GC-135 PHASING AND ICRA PLAN - PHASE 2
GC-136 PHASING AND ICRA PLAN - PHASE 3
GC-137 PHASING AND ICRA PLAN - PHASE 4
AE-230 DETAILS
AE-231 DETAILS & PARTITION TYPES
AE-330 DOOR & BORROWED LIGHT DETAILS AND SCHEDULES
AF-130 THIRD FLOOR FINISH PLAN
AF-131 THIRD FLOOR PATTERN PLAN
QL-100 LAB ABBREVIATIONS LEGEND
QL-130 OVERALL LOCATION PLAN
QL-230 EXISTING MAJOR EQUIPMENT PLAN
QL-231 TEMPORARY MOVE PLANS - PRE PHASE 1
QL-232 TEMPORARY MOVE PLANS PRE-PHASE 2
QL-233 TEMPORARY MOVE PLANS PHASES 3,4 & 5
QL-331 ENLARGED FLOOR PLANS - SHEET A
QL-332 ENLARGED FLOOR PLANS - SHEET B
QL-333 ENLARGED LAB EQUIPMENT PLANS - SHEET A
QL-334 ENLARGED LAB EQUIPMENT PLANS - SHEET B
QL-430 TYPICAL LAB ELEVATIONS, NOTES, SCHEDULES & DETAILS
S-001 STRUCTURAL NOTES, ABBREVIATIONS AND LEGENDS
S-002 TYPICAL DETAILS
SS-201 PARTIAL 5TH AND 9TH FLOOR ROOF FRAMING PLAN
MH-001 MECHANICAL NOTES, SYMBOLS AND ABBREVIATIONS
MH-111 THIRD FLOOR PLAN - PHASE 0 AND 1 MECHANICAL DEMOLITION
MH-112 FOURTH FLOOR PLAN - PHASE 0 AND 1 MECHANICAL DEMOLITION
MH-121 THIRD FLOOR PLAN - PHASE 2 MECHANICAL DEMOLITION
MH-122 FOURTH FLOOR PLAN - PHASE 2 MECHANICAL DEMOLITION
MH-131 THIRD FLOOR PLAN - PHASE 3 MECHANICAL DEMOLITION

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MH-132 FOURTH FLOOR PLAN - PHASE 3 MECHANICAL DEMOLITION
MH-141 THIRD FLOOR PLAN - PHASE 4 MECHANICAL DEMOLITION
MH-142 FOURTH FLOOR PLAN - PHASE 4 MECHANICAL DEMOLITION
MH-151 THIRD FLOOR PLAN - PHASE 5 MECHANICAL DEMOLITION
MH-152 FOURTH FLOOR PLAN - PHASE 5 MECHANICAL DEMOLITION
MH-161 THIRD FLOOR PLAN - PHASE 6 MECHANICAL DEMOLITION
MH-162 FOURTH FLOOR PLAN - PHASE 6 MECHANICAL DEMOLITION
MH-211 THIRD FLOOR PLAN - PHASE 1 MECHANICAL DUCTWORK AND PIPING
MH-212 FOURTH FLOOR PLAN - PHASE 1 MECHANICAL DUCTWORK
MH-213 FIFTH FLOOR ROOF PLAN - PHASE 1 MECHANICAL
MH-221 THIRD FLOOR PLAN - PHASE 2 MECHANICAL DUCTWORK AND PIPING
MH-222 FOURTH FLOOR PLAN - PHASE 2 MECHANICAL DUCTWORK
MH-231 THIRD FLOOR PLAN - PHASE 3 MECHANICAL DUCTWORK AND PIPING
MH-232 FOURTH FLOOR PLAN - PHASE 3 MECHANICAL DUCTWORK
MH-241 THIRD FLOOR PLAN - PHASE 4 MECHANICAL DUCTWORK AND PIPING
MH-242 FOURTH FLOOR PLAN - PHASE 4 MECHANICAL DUCTWORK
MH-251 THIRD FLOOR PLAN - PHASE 5 MECHANICAL DUCTWORK AND PIPING
MH-252 FOURTH FLOOR PLAN - PHASE 5 MECHANICAL DUCTWORK
MH-261 THIRD FLOOR PLAN - PHASE 6 MECHANICAL DUCTWORK AND PIPING
MH-262 FOURTH FLOOR PLAN - PHASE 6 MECHANICAL DUCTWORK
MH-263 FIFTH FLOOR PLAN - PHASE 6 MECHANICAL
MH-311 FOURTH FLOOR PLAN - PHASE 1 MECHANICAL PIPING
MH-321 FOURTH FLOOR PLAN - PHASE 2 MECHANICAL PIPING
MH-331 FOURTH FLOOR PLAN - PHASE 3 MECHANICAL PIPING
MH-341 FOURTH FLOOR PLAN - PHASE 4 MECHANICAL PIPING
MH-351 FOURTH FLOOR PLAN - PHASE 5 MECHANICAL PIPING
MH-361 FOURTH FLOOR PLAN - PHASE 6 MECHANICAL PIPING
MH-401 ENLARGED MECHANICAL EQUIPMENT ROOM 4B103 PLAN
MH-402 ENLARGED NINTH FLOOR ROOF PLAN
MH-403 MECHANICAL SECTIONS
MH-501 MECHANICAL DETAILS
MH-502 MECHANICAL DETAILS
MH-503 MECHANICAL DETAILS
MH-504 MECHANICAL DETAILS
MH-601 MECHANICAL SCHEDULES
MH-602 MECHANICAL SCHEDULES
MH-603 CHILLED WATER DIAGRAM
MH-701 MECHANICAL CONTROLS DIAGRAMS
MH-702 MECHANICAL CONTROLS DIAGRAMS
MH-703 MECHANICAL CONTROLS DIAGRAMS
ES-001 ELECTRICAL SYMBOLS AND ABBREVIATIONS
ES-002 ELECTRICAL ABBREVIATIONS AND NOTES
ES-101 THIRD FLOOR PLAN PHASE 0 ELECTRICAL LIGHTING, POWER AND
SIGNAL DEMOLITION
ES-111 THIRD FLOOR PLAN PHASE 1 ELECTRICAL LIGHTING DEMOLITION
ES-112 THIRD FLOOR PLAN PHASE 1 ELECTRICAL POWER AND SIGNAL
DEMOLITION
ES-113 FOURTH FLOOR PLAN PHASE 1 ELECTRICAL POWER DEMOLITION
ES-114 NINTH FLOOR PLAN PHASE 1 ELECTRICAL POWER DEMOLITION
ES-121 THIRD FLOOR PLAN PHASE 2 ELECTRICAL LIGHTING DEMOLITION
ES-122 THIRD FLOOR PLAN PHASE 2 ELECTRICAL POWER AND SIGNAL
DEMOLITION

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ES-131 THIRD FLOOR PLAN PHASE 3 ELECTRICAL LIGHTING DEMOLITION
ES-132 THIRD FLOOR PLAN PHASE 3 ELECTRICAL POWER AND SIGNAL
DEMOLITION
ES-133 NINTH FLOOR PLAN PHASE 3 ELECTRICAL POWER DEMOLITION
ES-141 THIRD FLOOR PLAN PHASE 4 ELECTRICAL LIGHTING DEMOLITION
ES-142 THIRD FLOOR PLAN PHASE 4 ELECTRICAL POWER AND SIGNAL
DEMOLITION
ES-143 FOURTH FLOOR PLAN PHASE 4 ELECTRICAL POWER DEMOLITION
ES-144 NINTH FLOOR PLAN PHASE 4 ELECTRICAL DEMOLITION
ES-151 THIRD FLOOR PLAN PHASE 5 ELECTRICAL LIGHTING DEMOLITION
ES-152 THIRD FLOOR PLAN PHASE 5 ELECTRICAL POWER AND SIGNAL
DEMOLITION
ES-153 FOURTH FLOOR PLAN PHASE 5 ELECTRICAL DEMOLITION
ES-154 NINTH FLOOR PLAN PHASE 5 ELECTRICAL DEMOLITION
ES-161 THIRD FLOOR PLAN PHASE 6 ELECTRICAL LIGHTING, POWER AND
SIGNAL DEMOLITION
ES-162 FOURTH FLOOR PLAN PHASE 6 ELECTRICAL POWER DEMOLITION
ES-201 THIRD AND FOURTH FLOOR PLANS PHASE 0 ELECTRICAL LIGHTING
ES-202 THIRD AND FOURTH FLOOR PLANS PHASE 0 ELECTRICAL POWER AND
SIGNAL
ES-211 THIRD FLOOR PLAN PHASE 1 ELECTRICAL LIGHTING
ES-212 THIRD FLOOR PLAN PHASE 1 ELECTRICAL POWER AND SIGNAL
ES-213 FOURTH FLOOR PLAN PHASE 1 ELECTRICAL POWER
ES-214 FOURTH FLOOR ROOF PLAN PHASE 1 ELECTRICAL POWER
ES-215 NINTH FLOOR PHASE 1 ELECTRICAL POWER
ES-221 THIRD FLOOR PLAN PHASE 2 ELECTRICAL LIGHTING
ES-222 THIRD FLOOR PLAN PHASE 2 ELECTRICAL POWER AND SIGNAL
ES-223 FOURTH FLOOR PLAN PHASE 2 ELECTRICAL POWER
ES-231 THIRD FLOOR PLAN PHASE 3 ELECTRICAL LIGHTING
ES-232 THIRD FLOOR PLAN PHASE 3 ELECTRICAL POWER AND SIGNAL
ES-233 FOURTH FLOOR PLAN PHASE 3 ELECTRICAL POWER
ES-241 THIRD FLOOR PLAN PHASE 4 ELECTRICAL LIGHTING
ES-242 THIRD FLOOR PLAN PHASE 4 ELECTRICAL POWER AND SIGNAL
ES-243 FOURTH FLOOR PLAN PHASE 4 ELECTRICAL POWER
ES-251 THIRD FLOOR PLAN PHASE 5 ELECTRICAL LIGHTING
ES-252 THIRD FLOOR PLAN PHASE 5 ELECTRICAL POWER AND SIGNAL
ES-253 FOURTH FLOOR PLAN PHASE 5 ELECTRICAL POWER
ES-261 THIRD FLOOR PLAN PHASE 6 ELECTRICAL LIGHTING, POWER AND
SIGNAL
ES-262 FOURTH FLOOR PLAN PHASE 6 ELECTRICAL POWER
ES-263 FOURTH FLOOR ROOF PLAN PHASE 6 ELECTRICAL POWER
ES-401 ELECTRICAL SUB AND PIPE BASEMENT FLOOR PLANS - POWER
DISTRIBUTION
ES-402 ELECTRICAL PARTIAL BASEMENT AND FIRST FLOOR PLAN - POWER
DISTRIBUTION
ES-403 ELECTRICAL SECOND FLOOR PLAN - POWER DISTRIBUTION
ES-404 ELECTRICAL THIRD AND FOURTH FLOOR PLAN - POWER DISTRIBUTION
ES-405 ELECTRICAL FIFTH THROUGH NINTH FLOOR PLAN - POWER
DISTRIBUTION
ES-501 ELECTRICAL RISER DIAGRAM - DEMOLITION
ES-502 ELECTRICAL RISER DIAGRAM - NEW WORK
ES-503 ELECTRICAL RISER DIAGRAM - NEW WORK AND TEMPORARY WORK

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ES-504 ELECTRICAL ONE-LINE DIAGRAM - NORMAL POWER SYSTEM
ES-505 ELECTRICAL ONE-LINE DIAGRAM - EMERGENCY POWER SYSTEM
ES-601 ELECTRICAL DETAILS
ES-602 ELECTRICAL DETAILS
ES-603 ELECTRICAL DETAILS
ES-604 ELECTRICAL DETAILS
ES-701 LIGHTING FIXTURE SCHEDULE
ES-702 ELECTRICAL PANEL SCHEDULES
ES-703 ELECTRICAL PANEL SCHEDULES
PL-001 PLUMBING NOTES, SYMBOLS AND ABBREVIATIONS
PL-101 SECOND AND THIRD FLOOR PLAN PHASE 0 DEMOLITION
PL-102 THIRD FLOOR PLAN PHASE 0 PLUMBING DEMOLITION
PL-111 SECOND FLOOR PLAN PHASE 1 PLUMBING DEMOLITION
PL-112 THIRD FLOOR PLAN PHASE 1 PLUMBING DEMOLITION
PL-121 SECOND FLOOR PLAN PHASE 2 PLUMBING DEMOLITION
PL-122 THIRD FLOOR PLAN PHASE 2 PLUMBING DEMOLITION
PL-131 SECOND FLOOR PLAN PHASE 3 PLUMBING DEMOLITION
PL-132 THIRD FLOOR PLAN PHASE 3 DEMOLITION
PL-141 SECOND FLOOR PLAN PHASE 4 DEMOLITION
PL-142 THIRD FLOOR PLAN PHASE 4 DEMOLITION
PL-151 SECOND FLOOR PLAN PHASE 5 DEMOLITION
PL-152 THIRD FLOOR PLAN PHASE 5 DEMOLITION
PL-161 SECOND FLOOR PLAN PHASE 6 DEMOLITION
PL-162 THIRD FLOOR PLAN PHASE 6 DEMOLITION
PL-211 SECOND FLOOR PLAN PHASE 1 NEW WORK
PL-212 THIRD FLOOR PLAN PHASE 1 NEW WORK
PL-213 SECOND FLOOR PLAN PHASE 1 AREA B NEW WORK
PL-214 THIRD FLOOR PLAN PHASE 1 AREA B - NEW WORK
PL-221 SECOND FLOOR PLAN PHASE 2 NEW WORK
PL-222 THIRD FLOOR PLAN PHASE 2 NEW WORK
PL-231 SECOND FLOOR PLAN PHASE 3 NEW WORK
PL-232 THIRD FLOOR PLAN PHASE 3 NEW WORK
PL-241 SECOND FLOOR PLAN PHASE 4 NEW WORK
PL-242 THIRD FLOOR PHASE 4 NEW WORK
PL-251 SECOND FLOOR PLAN PHASE 5 NEW WORK
PL-252 THIRD FLOOR PLAN PHASE 5 NEW WORK
PL-261 SECOND FLOOR PLAN PHASE 6 NEW WORK
PL-262 THIRD FLOOR PLAN PHASE 6 NEW WORK
PL-501 PLUMBING DETAILS
PL-502 PLUMBING SCHEDULES
FP-001 FIRE PROTECTION NOTES AND DETAILS
FP-111 THIRD FLOOR PLAN - PHASES 0 AND 1 FIRE PROTECTION DEMOLITION
FP-121 THIRD FLOOR PLAN - PHASE 2 FIRE PROTECTION DEMOLITION
FP-131 THIRD FLOOR PLAN - PHASE 3 FIRE PROTECTION DEMOLITION
FP-141 THIRD FLOOR PLAN - PHASE 4 FIRE PROTECTION DEMOLITION
FP-151 THIRD FLOOR PLAN - PHASE 5 FIRE PROTECTION DEMOLITION
FP-161 THIRD FLOOR PLAN - PHASE 6 FIRE PROTECTION DEMOLITION
FP-211 THIRD FLOOR PLAN - PHASES 0 AND 1 FIRE PROTECTION NEW WORK
FP-221 THIRD FLOOR PLAN - PHASE 2 FIRE PROTECTION NEW WORK
FP-231 THIRD FLOOR PLAN - PHASE 3 FIRE PROTECTION NEW WORK
FP-241 THIRD FLOOR PLAN - PHASE 4 FIRE PROTECTION NEW WORK
FP-251 THIRD FLOOR PLAN - PHASE 5 FIRE PROTECTION NEW WORK

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FP-261 THIRD FLOOR PLAN - PHASE 6 FIRE PROTECTION NEW WORK