

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 ND 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 DUCTOWRK AND PIPING
MH-262	FOURTH FLOOR PLAN - PHASE 6 MECHANICAL DUCTOWRK
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 ELECRTICAL 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