

GENERAL NOTES (APPLY TO THE ENTIRE PROJECT):

- A. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE. THE DRAWINGS REPRESENT THE INTENT OF THE PROJECT WORK. ALL FIELD CONDITIONS, OFFSETS, TRANSITIONS, ETC., ARE NOT REPRESENTED.
- B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO THOROUGHLY INVESTIGATE THE SITE AND VERIFY EXISTING CONDITIONS (BOTH EXPOSED AND ACCESSIBLE CONCEALED) PRIOR TO BIDDING THE JOB. SITE SURVEYS WILL BE DETERMINED BY THE CONTRACTING OFFICER AND THE COTR AND CONDUCTED ONLY ON THE SPECIFIED DATES AND TIMES.
- C. CONTRACTOR SHALL NOT RELY ON SCALED DIMENSIONS AND MEASUREMENTS. DRAWING SCALES ARE INDICATED AS A GENERAL REFERENCE. CONTRACTOR SHALL TAKE ACTUAL MEASUREMENTS IN THE FIELD (FOR BIDDING PURPOSES, MATERIAL TAKEOFFS, ETC.).
- D. EXACT LOCATIONS OF ALL EQUIPMENT, DEVICES/OUTLETS, FIXTURES, MOUNTS, AND ROUTING OF UTILITIES SHALL BE COORDINATED WITH AND APPROVED BY THE COTR. SUBMIT COORDINATION DRAWINGS WITH DIMENSIONS AND ELEVATIONS FOR COTR'S APPROVAL.
- E. REMOVE ALL APPURTENANCES RELATED OR CONNECTED TO (IN, ON, ATTACHED, OR ASSOCIATED WITH) ITEMS INDICATED TO BE REMOVED OR DEMOLISHED (UNLESS NOTED OTHERWISE). THIS APPLIES TO ALL TRADES.
- F. UTILITIES AND SYSTEMS SERVING AREAS OUTSIDE THE CONSTRUCTION LIMITS SHALL REMAIN (UNLESS INDICATED TO BE MOVED OR REWORKED). REMOVE ALL OTHER UTILITIES AND SYSTEMS (UNLESS INDICATED TO REMAIN) WITHIN THE CONSTRUCTION AREA BACK TO SOURCE OR MAIN BRANCH THAT IS REMAIN ACTIVE. DO NOT CUT AND ABANDON UTILITIES.
- G. PROTECT EXISTING ITEMS, EQUIPMENT, FINISHES, ETC., TO REMAIN. REPAIR, REPLACE, AND RESTORE CONDITIONS THAT ARE DAMAGED OR DISTURBED AS A RESULT OF DEMOLITION OR NEW WORK. FOR EXAMPLE, THIS INCLUDES, BUT IS NOT LIMITED TO, PATCHING HOLES IN PARTITIONS AFTER ITEMS ARE DEMOLISHED AND CAPPING UTILITIES AFTER REMOVING BRANCHES.
- H. CONTRACTOR IS RESPONSIBLE FOR COORDINATION BETWEEN TRADES. COORDINATE UTILITIES SO THEY ARE INSTALLED IN AN ORDERLY, UNIFORM, AND EXPEDITIOUS MANNER. CONDUITS SHALL BE INSTALLED TIGHT TO THE SLAB ABOVE WHEREVER POSSIBLE. SPRINKLER PIPING SHALL BE INSTALLED AFTER MECHANICAL, ELECTRICAL, AND PLUMBING.
- I. CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE DOWNTIME ASSOCIATED WITH SCHEDULED SHUTDOWNS. COORDINATE WITH COTR. SEE ELECTRICAL PLANS AND THE SPECIFICATIONS FOR REQUIREMENTS FOR ELECTRICAL SHUTDOWNS.
- J. MAINTAIN FIRE AND SMOKE RATINGS OF ALL EXISTING WALLS, PARTITIONS, BARRIERS AND SLABS.
- K. PROVIDE PROPER SUPPORT FOR NEW WORK. IF HANGERS, BACKERS, OR OTHER SUPPORTS ARE NOT DETAILED, NOTED, OR SPECIFIED, CONTRACTOR SHALL SUBMIT A VIABLE SUPPORT DETAIL TO THE COTR FOR APPROVAL.
- L. ALL WORK SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
- M. STANDARD WORKING HOURS SHALL BE MONDAY - FRIDAY 7AM - 4:30PM. WEEKEND HOURS SHALL BE FRIDAY AFTER 4PM THROUGH SUNDAY. COORDINATE WITH COTR.
- N. ALL PAVED AREAS DISTURBED BY THIS PROJECT SHALL BE RESTORED WITH LOW STRENGTH MORTAR AND ASPHALT.
- O. ALL SUPPORTS SHALL BE EXCLUSIVE FOR THE SYSTEM THEY ARE SUPPORTING AND NOT BE SHARED BETWEEN DIFFERENT SYSTEMS. FOR EXAMPLE, CONDUITS SHALL NOT BE SUPPORTED FROM SUPPORTS FOR PIPING.
- P. EXISTING BUILDINGS AT THE ALVIN C. YORK CAMPUS HAVE ASBESTOS CONTAINING MATERIALS (ACM). WHEN ACM NOT INDICATED ON THE SURVEY IS ENCOUNTERED, STOP WORK AND SUBMIT A CHANGE ORDER TO THE COTR FOR PERFORMING ABATEMENT. SEE THE DIVISION 02 SPECIFICATIONS FOR ASBESTOS ABATEMENT REQUIREMENTS. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS AND UTILIZE PROTECTIVE EQUIPMENT WHEN WORKING IN SPACES WHERE ACM IS PRESENT, INCLUDING, BUT NOT LIMITED TO, MECHANICAL AND CRAWL SPACES.

PROJECT PHASING NOTES (APPLY TO THE ENTIRE PROJECT):

WORK FOR THIS PROJECT SHALL BE PHASED. PHASING IS NOT INDICATED ON THE PLANS. CONTRACTOR SHALL DIVIDE THE PROJECT INTO LOGICAL BLOCKS OF RELATED WORK THAT CONCENTRATES ON A PARTICULAR DEFINED AREA, TASK, SUBSYSTEM, ETC.

THE BLOCKS WILL BE DETERMINED BY THE CONTRACTOR ALLOWING THE CONTRACTOR FLEXIBILITY TO SCHEDULE THE WORK TO PARTICULAR CAPABILITIES AND CONSTRAINTS (AVAILABLE MANPOWER, LEAD TIMES, MATERIAL AVAILABILITY, ETC.). UNLIKE PHASING, THE BLOCKS ARE NOT NECESSARILY SUCCESSIVE AND MAY BE WORKED CONCURRENTLY (WITH THE FACILITY'S APPROVAL, SEE BELOW).

BLOCKS SHALL CONSIST OF MULTIPLE WORK ACTIVITIES INVOLVING ALL TRADES (FOR EXAMPLE — LAYOUT, TRENCHING, CONDUIT, BACKFILL, WIRING, & TESTING).

ONCE A BLOCK OF WORK IS STARTED, THE CONTRACTOR SHALL ACTIVELY WORK ON IT (AT THE PROJECT SITE) UNTIL COMPLETION. LOCATIONS CAN BE PREPARED FOR INSTALLATION AND CONNECTION OF EQUIPMENT OR MATERIALS AT A LATER DATE, PROVIDED THE PREPARED LOCATION IS IN A SUBSTANTIALLY COMPLETE STATE.

FOR EXAMPLE, INSTALL AN EQUIPMENT PAD OR CONDUIT RUN FROM POINT TO POINT, BACKFILL TRENCH, AND CAP FOR INSTALLATION OF EQUIPMENT TO ARRIVE LATER. CONTRACTOR IS PROHIBITED FROM LEAVING WORK SITES PARTIALLY COMPLETE, UNNECESSARILY INCONVENIENCING PATIENTS, STAFF, AND VISITORS AND/OR EXPOSING THEM TO HAZARDS. FOR EXAMPLE, THE CONTRACTOR IS PROHIBITED FROM TRENCHING SEVERAL AREAS WITH THE INTENT TO RETURN LATER TO INSTALL CONDUIT & BACKFILL. INSTEAD, WORK SHALL BE COORDINATED SO THE TRENCHING CREW IS IMMEDIATELY FOLLOWED BY A CREW INSTALLING CONDUIT, IMMEDIATELY FOLLOWED BY A CREW BACKFILLING TRENCHES.

WORK IN EACH BUILDING AND AREA SHALL BE SCHEDULED TO CAUSE MINIMAL INCONVENIENCE TO THE PATIENTS, STAFF AND VISITORS BY MINIMIZING THE DURATION THAT WORK IS PERFORMED IN A PARTICULAR AREA. CONTRACTOR SHALL NOT COMMENCE SIMILAR WORK IN AN UNRELATED BUILDING OR AREA UNTIL THE WORK IS FINISHED IN THE CURRENT WORK AREA. THE COTR MAY APPROVE SIMULTANEOUS WORK IN UNRELATED AREAS IF SUFFICIENTLY LARGE CREWS ARE PROVIDED BY THE CONTRACTOR AND ALL SUBCONTRACTORS TO EXPEDITE THE WORK IN BOTH AREAS. WORK SHALL BE COORDINATED BETWEEN ALL TRADES SO THAT A WORK AREA IS NOT LEFT PARTIALLY COMPLETE DUE TO PARTICULAR TRADE(S) NOT BEING COMPLETED ON SCHEDULE.

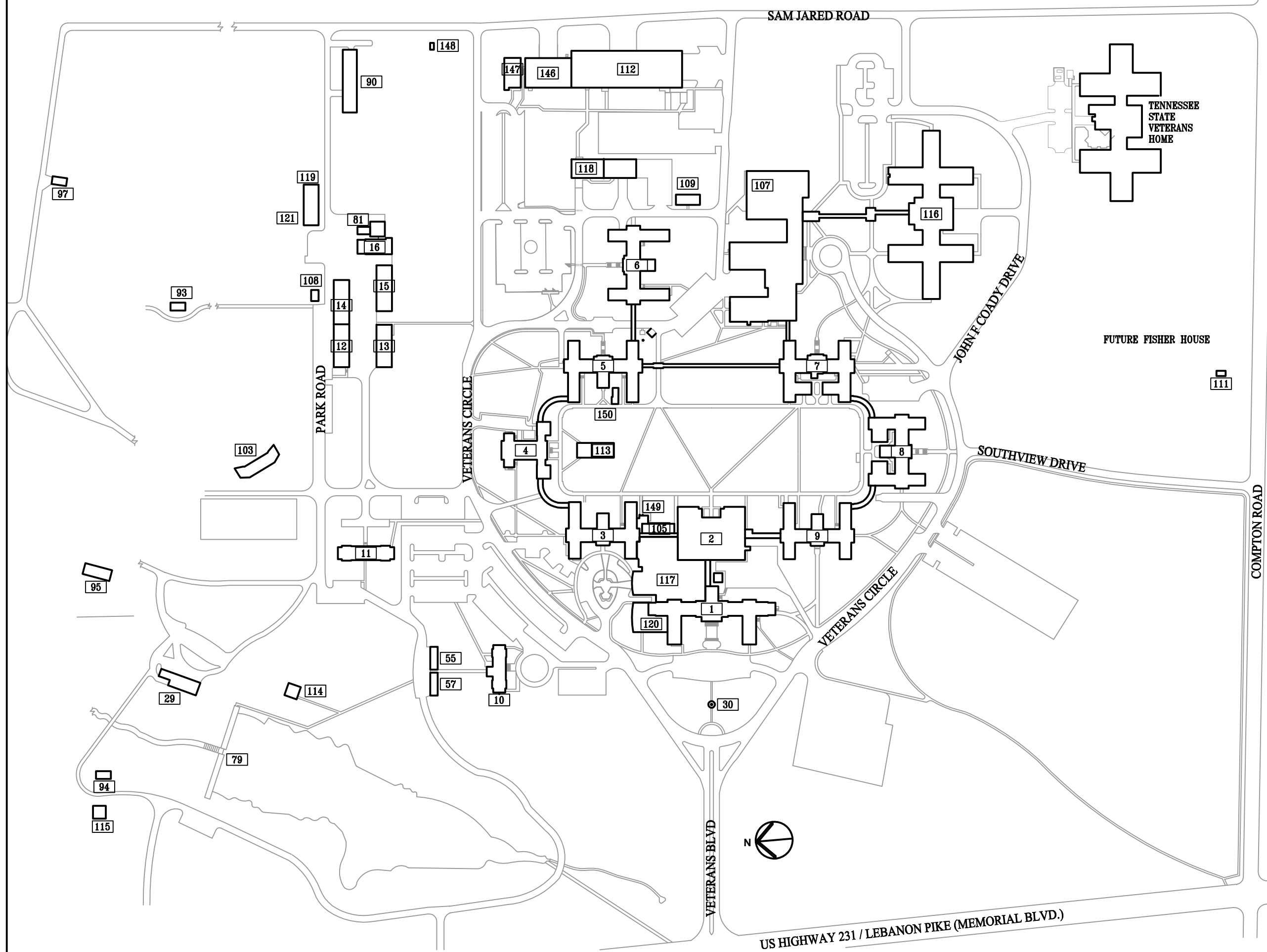
SCHEDULES SHALL BE SUBMITTED FOR VA APPROVAL AND MUST INDICATE PROJECTED DURATION, START DATE, AND FINISH DATE FOR EACH BLOCK AND EACH ACTIVITY WITHIN THAT BLOCK. SUBMIT IN A TYPICAL PROJECT SCHEDULING FORMAT AS DIRECTED BY THE COTR.

THE BLOCKS WILL BE USED FOR PROJECT CONTROL AND TRACKING PROGRESS.

COORDINATE WITH THE COTR THE PRIORITY OF EACH BUILDING, THE ALLOWED MAXIMUM OUTAGE DURATION, AND OTHER SCHEDULING AND PHASING PLAN ISSUES. PHASING SHALL BE AS DIRECTED BY THE COTR. UNLESS DIRECTED OTHERWISE, THE FIRST PHASE OF THE PROJECT SHALL BE THE NEW NORMAL SERVICE TO BUILDING 6 AND THE GENERATOR SERVING 5 & 6. THE 480V SERVICE FOR BUILDING 5 SHALL NOT BE PUT IN SERVICE UNTIL ALL NORMAL AND ESSENTIAL SYSTEM LOADS FOR BUILDING 6 ARE REMOVED FROM THE BUILDING 5 SERVICE.

THE NEXT HIGHEST PRIORITY SHALL BE BUILDING 5, FOLLOWED BY BUILDINGS 4 & 107, THEN THE CHILLER PLANT GENERATOR. ALL WORK, HOWEVER, SHALL BE WORKED ON CONCURRENTLY FOR TIMELY COMPLETION OF THE WORK.

CAMPUS MAP



DRAWING INDEX

NO.	TITLE	NO.	TITLE
1. GI-001	GENERAL INFORMATION, INDEX, AND NOTES	49. 107-MH-100	HVAC FLOOR PLAN BUILDING 107 GROUND FLOOR
2. GC-001	GENERAL NOTES & PARTITION TYPES	50. 107-MH-101	HVAC FLOOR PLAN BUILDING 107 FIRST FLOOR
	HAZARDOUS MATERIALS	51. MH-401	HVAC DETAILS
3. 4-HA-001	ACM GROUND FLOOR	52. MH-402	HVAC DETAILS
4. 4-HA-002	ACM FIRST FLOOR		PLUMBING
5. 5-HA-003	ACM GROUND FLOOR	53. PL-1	PLUMBING LEGENDS AND SCHEDULES
6. 5-HA-004	ACM FIRST FLOOR	54. 4-PD-100	PLUMBING DEMOLITION PLAN BUILDING 4 GROUND FLOOR
7. 5-HA-005	ACM SECOND FLOOR	55. 4-PD-101	PLUMBING DEMOLITION PLAN BUILDING 4 FIRST FLOOR
8. 6-HA-006	ACM GROUND FLOOR	56. 5-PD-100	PLUMBING DEMOLITION PLAN BUILDING 5 GROUND FLOOR
9. 6-HA-007	ACM FIRST FLOOR	57. 5-PD-101	PLUMBING DEMOLITION PLAN BUILDING 5 FIRST FLOOR
10. 6-HA-008	ACM SECOND FLOOR	58. 5-PD-102	PLUMBING DEMOLITION PLAN BUILDING 5 SECOND FLOOR
11. 107-HA-009	ACM GND - 1ST FLOOR	59. 6-PD-100	PLUMBING DEMOLITION PLAN BUILDING 6 GROUND FLOOR
	ARCHITECTURAL	60. 6-PD-101	PLUMBING DEMOLITION PLAN BUILDING 6 FIRST FLOOR
12. 4-AS-101	LIMITS OF CONSTRUCTION - BLDG 4	61. 6-PD-102	PLUMBING DEMOLITION PLAN BUILDING 6 SECOND FLOOR
13. 5-AS-102	LIMITS OF CONSTRUCTION - BLDG 5	62. 6-PL-100	PLUMBING FLOOR PLAN BUILDING 6 GROUND FLOOR
14. 6-AS-103	LIMITS OF CONSTRUCTION - BLDG 6	63. 6-PL-101	PLUMBING FLOOR PLAN BUILDING 6 FIRST FLOOR
15. 107-AS-104	LIMITS OF CONSTRUCTION - BLDG 107	64. 107-PD-100	PLUMBING DEMOLITION PLAN BUILDING 107 GROUND FLOOR
16. 4-AS-105	GROUND FLOOR - BLDG 4		ELECTRICAL
17. 4-AS-106	FIRST FLOOR - BLDG 4	65. ES-001	ELECTRICAL LEGEND & INDEX
18. 5-AS-107	GROUND FLOOR - BLDG 5	66. ES-002	ELECTRICAL LUMINAIRE SCHEDULE AND NOTES
19. 5-AS-108	FIRST FLOOR - BLDG 5	67. ES-1001	ELECTRICAL SITE PLAN
20. 5-AS-109	SECOND FLOOR - BLDG 5	68. ES-1002	ELECTRICAL ENLARGED SITE PLAN
21. 6-AS-110	GROUND FLOOR - BLDG 6	69. ES-400	ELECTRICAL MEDIUM VOLTAGE ONE-LINE DIAGRAM
22. 6-AS-111	FIRST FLOOR - BLDG 6	70. 4-ED-300	ELECTRICAL RISER DIAGRAM BUILDING 4 DEMOLITION
23. 6-AS-112	SECOND FLOOR - BLDG 6	71. 4-ES-100	ELECTRICAL FLOOR PLAN BUILDING 4 GROUND FLOOR
24. 107-AS-113	GROUND FLOOR & FIRST FLOOR - BLDG 107	72. 4-ES-101	ELECTRICAL FLOOR PLAN BUILDING 4 FIRST FLOOR
25. 4-AS-401	ENLARGED PLANS - BLDG 4	73. 4-ES-200	ELECTRICAL ENLARGED PLANS BUILDING 4
26. 5-AS-402	ENLARGED PLANS - BLDG 5	74. 4-ES-400	ELECTRICAL RISER DIAGRAM BUILDING 4 NEW CONSTRUCTION
27. 6-AS-403	ENLARGED PLANS - BLDG 6	75. 5-ED-300	ELECTRICAL RISER DIAGRAM BUILDING 5 DEMOLITION
28. 107-AS-404	ENLARGED PLANS - BLDG 107	76. 5-ES-100	ELECTRICAL FLOOR PLAN BUILDING 5 GROUND FLOOR
29. AS-501	DETAILS	77. 5-ES-101	ELECTRICAL FLOOR PLAN BUILDING 5 FIRST FLOOR
30. 107-AS-502	ELECTRICAL ADDITION DETAILS	78. 5-ES-102	ELECTRICAL FLOOR PLAN BUILDING 5 SECOND FLOOR
31. AS-601	DOOR SCHEDULE	79. 5-ES-200	ELECTRICAL ENLARGED PLANS BUILDING 5 GROUND FLOOR
	STRUCTURAL	80. 5-ES-201	ELECTRICAL ENLARGED PLANS BUILDING 5 1ST AND 2ND FLOORS
32. 107-SS-01	GENERAL NOTES	81. 5-ES-400	ELECTRICAL RISER DIAGRAM BUILDING 5 NEW CONSTRUCTION
33. 107-SS-02	FOUNDATION & FRAMING PLANS, SECTIONS	82. 6-ED-300	ELECTRICAL RISER DIAGRAM BUILDING 6 DEMOLITION
	HEATING, VENTILATING, AIR CONDITIONING AND REFRIGERATION	83. 6-ES-100	ELECTRICAL FLOOR PLAN BUILDING 6 GROUND FLOOR
34. MH-001	HVAC LEGEND AND SCHEDULES	84. 6-ES-101	ELECTRICAL FLOOR PLAN BUILDING 6 FIRST FLOOR
35. 4-MH-100	HVAC FLOOR PLAN BUILDING 4 GROUND FLOOR	85. 6-ES-102	ELECTRICAL FLOOR PLAN BUILDING 6 SECOND FLOOR
36. 4-MH-101	HVAC FLOOR PLAN BUILDING 4 FIRST FLOOR	86. 6-ES-200	ELECTRICAL ENLARGED PLANS BUILDING 6 GROUND FLOOR
37. 5-MD-010	HVAC FLOOR PLAN BUILDING 5 GROUND FLOOR DEMOLITION	87. 6-ES-201	ELECTRICAL ENLARGED PLANS BUILDING 6 1ST AND 2ND FLOORS
38. 5-MD-011	HVAC FLOOR PLANS BUILDING 5 FIRST FLOOR DEMOLITION	88. 6-ES-400	ELECTRICAL RISER DIAGRAM BUILDING 6 NEW CONSTRUCTION
39. 5-MD-012	HVAC FLOOR PLAN BUILDING 5 SECOND FLOOR DEMOLITION	89. 107-ED-300	ELECTRICAL RISER DIAGRAM BUILDING 107 DEMOLITION
40. 5-MH-100	HVAC FLOOR PLAN BUILDING 5 GROUND FLOOR	90. 107-ES-100	ELECTRICAL FLOOR PLAN BUILDING 107 GROUND FLOOR
41. 5-MH-101	HVAC FLOOR PLAN BUILDING 5 FIRST FLOOR	91. 107-ES-101	ELECTRICAL FLOOR PLAN BUILDING 107 FIRST FLOOR
42. 5-MH-102	HVAC FLOOR PLAN BUILDING 5 SECOND FLOOR	92. 107-ES-200	ELECTRICAL ENLARGED PLANS BUILDING 107
43. 6-MD-011	HVAC FLOOR PLAN BUILDING 6 FIRST FLOOR DEMOLITION	93. 107-ES-400	ELECTRICAL RISER DIAGRAM BLDG. 107 NEW CONSTRUCTION
44. 6-MD-012	HVAC FLOOR PLAN BUILDING 6 SECOND FLOOR DEMOLITION	94. ES-501	ELECTRICAL DISTRIBUTION PANEL SCHEDULES - BLDG. 4 & 5
45. 6-MH-100	HVAC FLOOR PLAN BUILDING 6 GROUND FLOOR	95. ES-502	ELECTRICAL DISTRIBUTION PANEL SCHEDULES - BLDG. 6 & 107
46. 6-MH-101	HVAC FLOOR PLAN BUILDING 6 FIRST FLOOR	96. ES-503	ELECTRICAL PANEL SCHEDULES
47. 6-MH-102	HVAC FLOOR PLAN BUILDING 6 SECOND FLOOR	97. ES-601	ELECTRICAL DETAILS
48. 107-MD-010	HVAC FLOOR PLAN BUILDING 107 GROUND FLOOR DEMOLITION		

BID ITEMS

REFER TO SPECIFICATION 01 00 00 GENERAL REQUIREMENTS FOR BID ITEMS AND ADDITIONAL REQUIREMENTS

- A. Bid Item 1: Furnish all labor, material, equipment, and supervision necessary to complete Project number 626A-44-08-102. Upgrade Electrical Distribution Phase 3 at the Alvin C. York VA Medical Center, 3400 Lebanon Pike, Murfreesboro, TN 37129. Work includes demolition and new construction of electrical, architectural, mechanical, plumbing, fire protection, structural, and industrial hygiene.
- B. Bid Item 2: Same as Bid Item 1, except delete work in and serving Building 4. Identified on the drawings as "ALTERNATE 3".
- C. Bid Item 3: Same as Bid Item 2, except delete replacing existing branch circuit wiring in Building 107. Identified on the drawings as "ALTERNATE 2".

DESIGN TEAM

MECHANICAL, PLUMBING, AND ELECTRICAL:

MAZZETTI NASH LIPSEY BURCH
3322 WEST END AVENUE, SUITE 620
NASHVILLE, TN 37203
TEL: (615) 329-4460
FAX: (615) 329-3660

ARCHITECTURAL AND INDUSTRIAL HYGIENE:

GOBBELL HAYS PARTNERS
217 FIFTH AVENUE NORTH
NASHVILLE, TN 37219
TEL: (615) 254-8500
FAX: (615) 256-3439

STRUCTURAL ENGINEER:

PHILLIP WHITE ENGINEERING
229 WARD CIRCLE, SUITE A13
BRENTWOOD, TN 37027
TEL: (615) 467-1824

m+n+b
MAZZETTI NASH LIPSEY BURCH
3322 West End Ave, Suite 620
Nashville, TN 37203-0989
TEL: 615-329-4460
FAX: 615-329-3660
www.mnbl.com

Consultants & Engineers
SAN FRANCISCO • SACRAMENTO • PORTLAND • DENVER
IRVINE • HOUSTON • BOSTON
PROJECT NUMBER: 118-036
COPYRIGHT © 2011 BY MAZZETTI NASH LIPSEY BURCH. ALL RIGHTS RESERVED.

GOBBELL HAYS PARTNERS, INC.
ARCHITECTURE • ENGINEERING
ENVIRONMENT • HEALTH • SAFETY
217 Fifth Avenue North
Nashville, TN 37219
ph: 615-254-8500
fax: 615-256-3439
www.ghcp.com

Project Title : **UPGRADE ELECTRICAL DISTRIBUTION PHASE 3**

Drawing Title : **GENERAL INFORMATION, INDEX, AND NOTES**

Approved By : _____

Approved By : _____

Location : **ALVIN C. YORK CAMPUS MURFREESBORO, TN**

Building Number : _____

Checked By : _____

Drawn By : _____

N/A

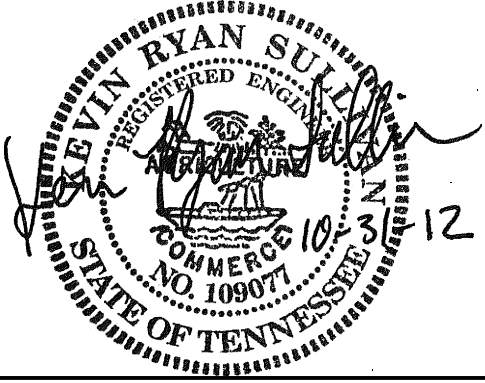
Date : **OCTOBER 31, 2012**

Project No. : **626A4-11-202**

Drawing No. : **GO.01**

Dwg. : _____

Of : **97**



Department of
Veterans Affairs

Revisions	Date



Tennessee Valley Healthcare System

