

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 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.

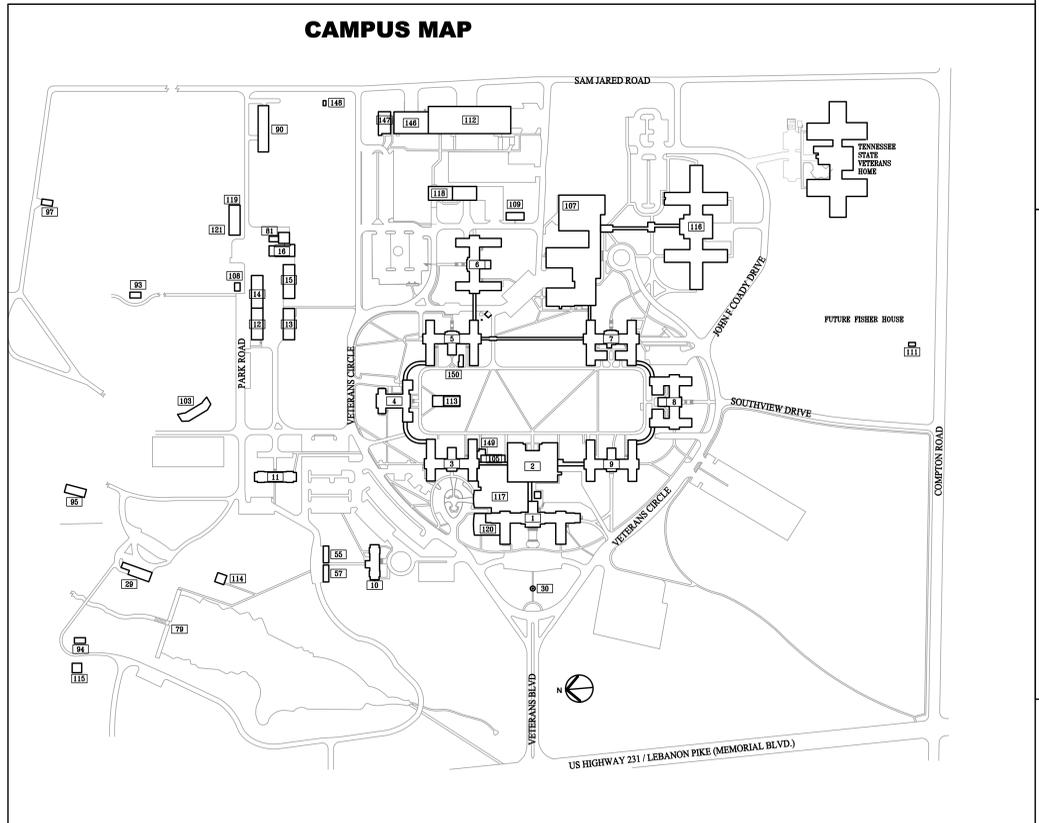
THE BLOCKS WILL BE USED FOR PROJECT CONTROL AND TRACKING PROGRESS.

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.

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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 626A4-08-102. 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 1".
- 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

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Tennessee Valley Healthcare System



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PROJECT NUMBER: 118-038
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Project Title: **UPGRADE ELECTRICAL DISTRIBUTION PHASE 3**

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

Approved By: _____

Approved By: _____

Building Number: N/A

Checked By: _____

Drawn By: _____

Date: **OCTOBER 31, 2012**

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

Drawing No.: **GO.01**

Drawn of: **97**



Department of Veterans Affairs