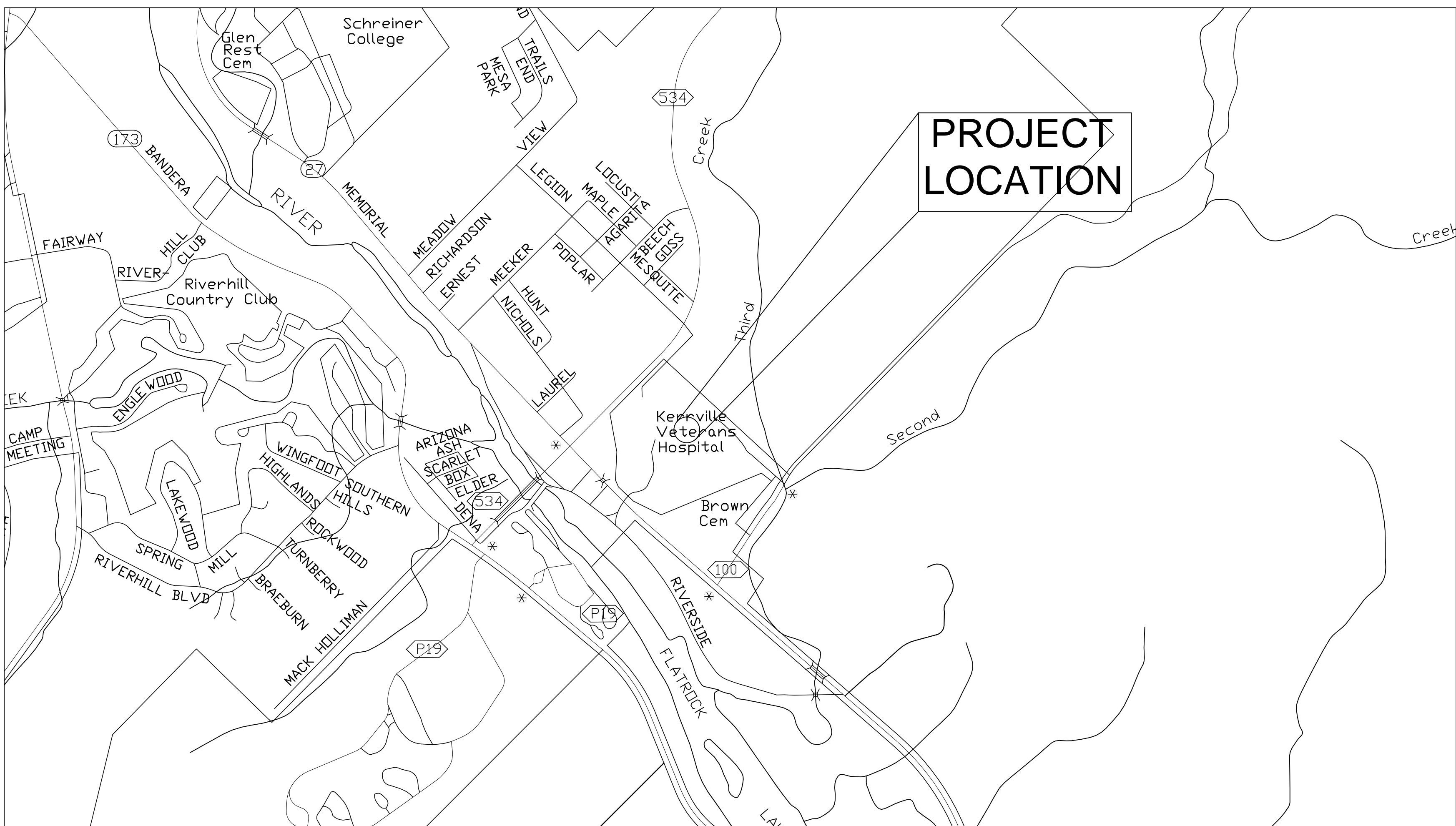


UPGRADE EMERGENCY POWER

TASK ORDER NO. VA257-15-R-0634

CONSTRUCTION SET

VA SOUTH TEXAS HEALTH CARE SYSTEM
3600 MEMORIAL BLVD. KERRVILLE, TX 78028



 **LOCATION MAP**
N.T.S

SCOPE SUMMARY

THE PROJECT SCOPE INCLUDES THE FOLLOWING:

- TWO NEW PARALLELED STANDBY EMERGENCY GENERATORS WITH ASSOCIATED DISTRIBUTION EQUIPMENT TO SUPPORT THE EXISTING CENTRAL PLANT CHILLER EQUIPMENT.
- REPLACEMENT OF EXISTING EMERGENCY GENERATOR DISTRIBUTION BOARD "GR-DPE".
- ONE NEW STANDBY EMERGENCY GENERATOR WITH ASSOCIATED DISTRIBUTION EQUIPMENT TO SUPPORT THE EXISTING EMERGENCY LOADS IN BUILDING 96. THIS WORK INCLUDES SEPARATION OF THE ESSENTIAL ELECTRICAL SYSTEM IN BUILDING 96 FROM ONE BRANCH TO THREE BRANCHES.
- A NEW NORMAL AND A NEW EMERGENCY POWER SERVICE TO A NEW COMBINATION CONTROLLER/AUTOMATIC TRANSFER SWITCH FOR THE EXISTING FIRE PUMP.
- CHANGING THE POWER SOURCE FOR THE TWO AIR HANDLERS IN BUILDING 96 FROM NORMAL POWER TO EMERGENCY POWER.
- CHANGING THE POWER SOURCE FOR SELECTED KITCHEN EQUIPMENT IN BUILDING 11 FROM NORMAL POWER TO EMERGENCY POWER.
- CORRECTION OF SEVERAL DEFICIENCIES IN THE ESSENTIAL ELECTRICAL SYSTEM.

THE PROJECT INCLUDES THE FOLLOWING ADDITIVE BID ALTERNATES:

1. CONNECTION OF EXISTING "ATS-2" TO THE NEW CENTRAL PLANT EMERGENCY DISTRIBUTION SYSTEM.
2. 3-WAY MANUAL TRANSFER SWITCH "MTS2" AND ASSOCIATED FEEDER CONDUCTORS.
3. COMMISSIONING OF SYSTEMS AS DESCRIBED IN SPECIFICATION SECTIONS 01 91 00 AND 26 08 00.
4. LOAD BANK "LB" AND ASSOCIATED FEEDER.

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05/26/2017