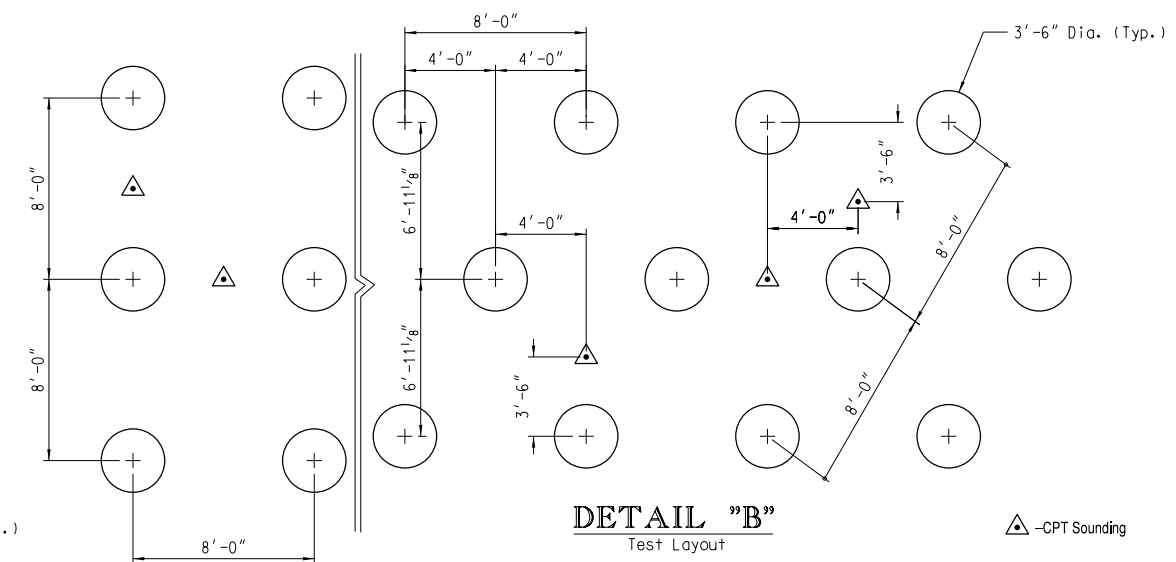
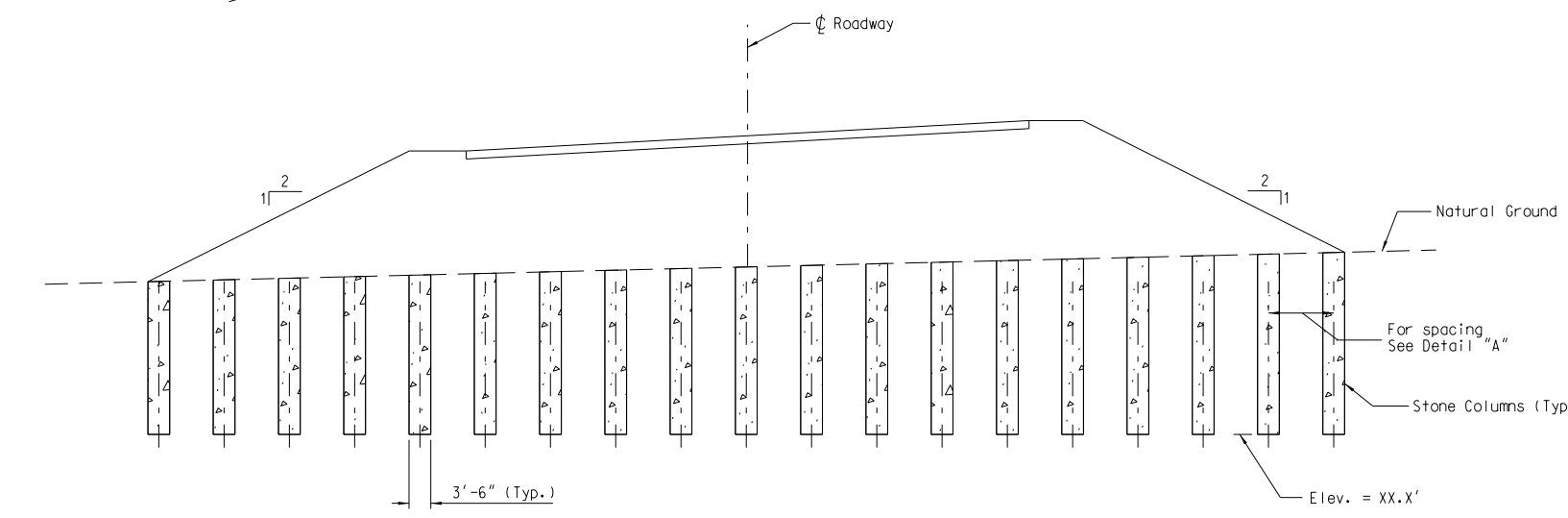


- Notes:
1. Conduct all laboratory testing using an AASHTO certified laboratory. For a list of locally available laboratories, contact RPG X GDS. The Department will perform independent testing to assure quality.
 2. The Area Replacement Ratio (α) of X is based on a stone column diameter (D) of Y inches.
 3. The Stone columns shall be laid out in the grid pattern and spacing shown in Detail "A".
 4. The vibro-probe shall have a minimum energy of Z horsepower and T tons of force.
 5. Construct a test section of the stone columns to demonstrate that construction methodology will achieve the anticipated results. The test section will be constructed at the location indicated on the plan view and will be laid out as indicated in Detail "B".
 6. Perform CPT Soundings in accordance with the latest version of the SCDOT Geotechnical Design Manual.
 7. CPT Soundings are to be conducted at the locations indicated in Detail "B".
 8. CPT soundings to be obtained no more than 5 work days prior to construction of stone column test section. CPT soundings are to be obtained no earlier than 15 work days after construction of test section.
 9. Locate all utilities prior to commencing ground modifications.

Note to Designer:
 This template drawing furnished for information only. The sample details provided on this drawing must be replaced with project specific dimensions. Notes & details not applicable to the project shall be taken out. CPT soundings (if required) shall be noted on the plan view. All drawings must be signed and sealed by a South Carolina Registered Professional Engineer when used.



REV.				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STONE COLUMNS				FILE NO.	ROUTE	COUNTY	DWG. NO.
REV.								XX.XXXXXX	XXXXX	XXXXX	205-05
REV.											
REVIEWED											
QUAN.											
DR.	ACB	NEH	02-18								
DES.											
BY	CHK.	DATE									