

SEPTIC SYSTEM CROSS-SECTION

23. THIS DESIGN IS A MODIFICATION TO AN EXISTING SEPTIC SYSTEM. THE CURRENT SYSTEM CONFIGURATION AND CAPACITY IS PROVIDED ON THIS PLAN FOR REFERENCE. THE PROPOSED IMPROVEMENTS TO THE SEPTIC SYSTEM ARE BASED ON THE DESIGN FLOW FROM THE PROPOSED SENIOR CENTER.

HISTORIC TEST HOLE DATA TEST HOLE DATA

PERCOLATION TEST PT-1 Percolation test performed | BSC Group Date: March 28, 2023

MINIMUM LEACHING SYSTEM SPREAD (MLSS)=HFxFFxPF

HYDRAULIC GRADIENT = 8.1-10.0%RECEIVING SOIL DEPTH = 36.1-42.0° HYDRAULIC FACTOR (HF) = 20FLOW FACTOR (FF) = 490/300 = 1.63PERC FACTOR (PF) = 1.0(MLSS)=(20 x 1.63 x 1.0) = 32.6 l.f. Exist. MLSS = 78 l.f. (see above) Total Reg'd MLSS = 32.6 + 78 = 110.6 l.f. Length Provided = 232 l.f.

LOCATION OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE AND MUST BE CONFIRMED INDEPENDENTLY WITH LOCAL UTILLY COMPANIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION.

ALL UTILITY SERVICE CONNECTION POINTS SHALL BE CONFIRMED INDEPENDENTLY BY THE CONTRACTOR IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

3. ALL UTILITY LOCATIONS ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE CONDUITS PRODUCT PIPING, ETG., PRIOR TO COMMENCEMENT OF EXCAVATION OF ANY TYPE. CONTRACTOR TO NOTIFY ENGNEER OF ALL DISCREPAN

MAP REFERENCE:

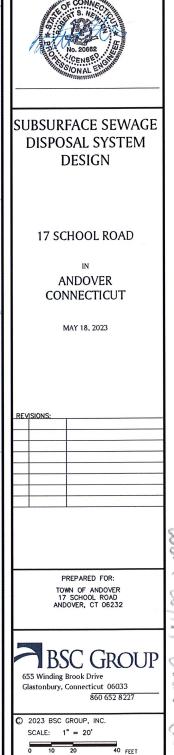
LEGEND **ABBREVIATIONS** NOW OR FORMERLY MINIMUM LINEAR FEET SQUARE FEET PIPE INVERT OVERFLOW INVERT 0 0

Lot Corner Existing

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PROPOSED CONTOUR PROPOSED SILT FENCE

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LOCATION MAI

SCALE 1 IN. = 2000 FT.