

**GENERAL NOTES:**

PROFESSIONAL ENGINEER'S SEAL/SIGNATURE: ORIGINAL DOCUMENT CONTAINS THE LIVE SEAL AND LIVE SIGNATURE OF THE PROFESSIONAL ENGINEER. THIS DOCUMENT SHALL BE CONSIDERED UNSEALED AND UNSIGNED BY THE PROFESSIONAL ENGINEER IF SUCH SEAL AND SIGNATURE ARE MISSING OR IF IT CONTAINS A SEAL AND/OR SIGNATURE THAT ARE COPIES.

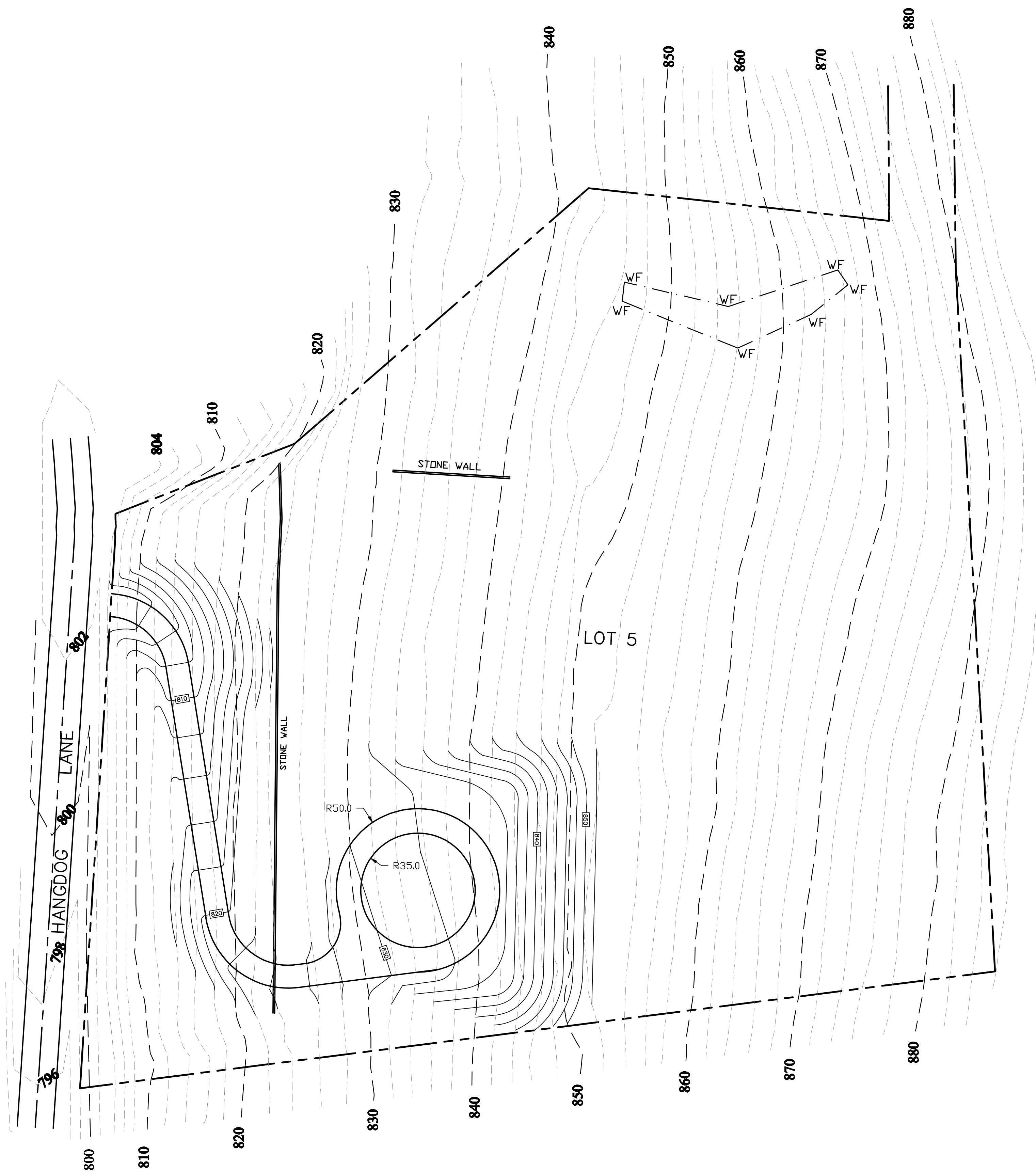
THE DESIGN OF THE SEPTIC SYSTEM SHALL BE IN ACCORDANCE WITH THE LOCAL HEALTH DISTRICT, CT DPH TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS, AND THE TOWN OF SOMERS.

DRIVEWAY SHOWN WAS DESIGNED PER TOWN OF SOMERS ZONING REGULATIONS SECTION 104.2.

**SEPTIC DESIGN**

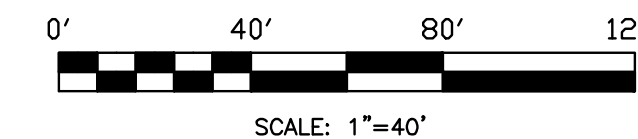
4 BEDROOM HOUSE,  
GROUND WATER = 22"  
SEPTIC TANK SIZE 1,200 GALLON

PERKC. RATE = 20 to 30 MIN./INCH,  
REQUIRED ELA = 875 SF  
USE 4 FT WIDE STONE TRENCH  
LENGTH OF TRENCH REQUIRED @ 4'/FT E.L.C.=875/3=292 FT  
 $292' / 4 = 73'$   
USE 4 TRENCHES, 73'X4' =292 FT  
CENTER TO CENTER = 8'  
MLSS = HFxFFXPF  
HYD. GRADIENT = 13%  
DEPTH TO W.T. = 22"  
HF = 28  
FF = 1.75  
PF = 1.5  
MLSS = 73', 146' PROVIDED



**LEGEND**

810	BOUNDARY LINE
---	EXISTING CONTOUR
- - - -	PROPOSED CONTOUR
F.F.	FINISHED FLOOR
C.B.	CATCH BASIN
L.I.	LAWN INLET
Y.D.	YARD DRAIN
WF	WETLANDS FLAG



Date: DEC. 28, 2020	Scale: 1" = 40'
Drawn: D.T.	Checked: D.T.
Revision	Date:

**TE**  
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63 REED DRIVE  
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**LOT 5 HANGDOG LANE**  
**SOMERS, CT**

**PRELIMINARY SITE PLAN**

SHEET NO.  
**1 of 1**