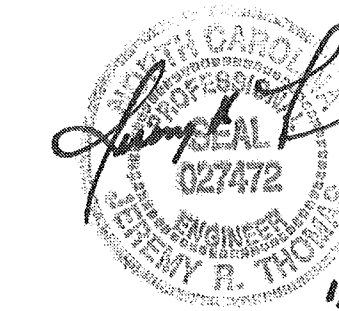


ANDERSON CREEK PARTNERS LP
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D.B. 3111/521

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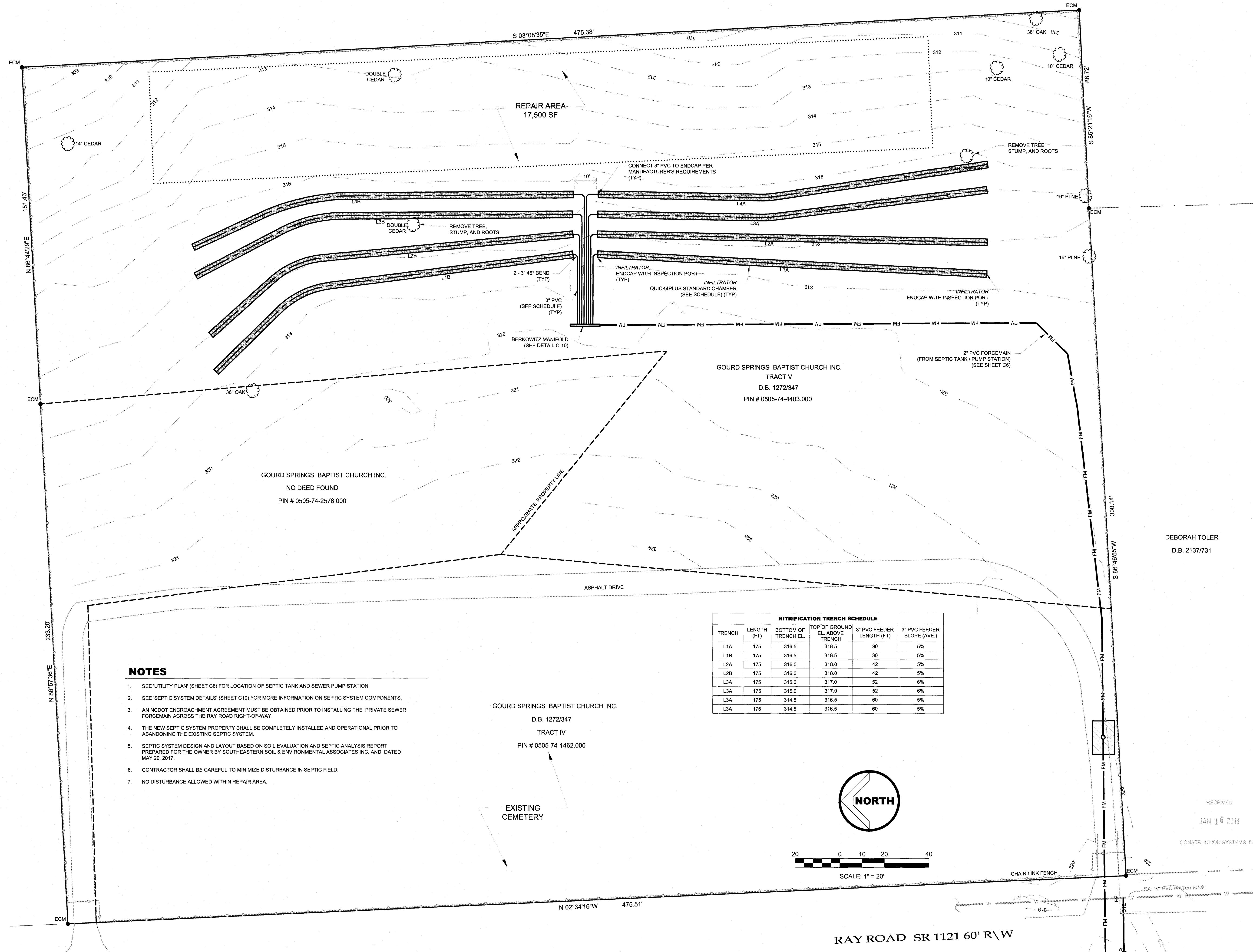


PROFESSIONAL ENGINEER'S SEAL

**GOURD SPRINGS CHURCH
NEW BUILDING ADDITION**
4575 RAY ROAD
HARNETT COUNTY, NORTH CAROLINA

SEPTIC SYSTEM DRAIN FIELD

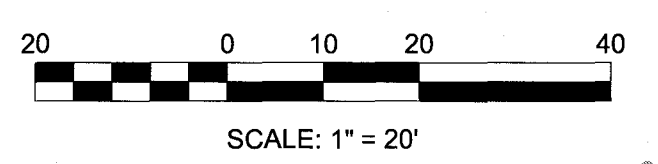
DEBORAH TOLER
D.B. 2137/731



- NOTES**
- SEE 'UTILITY PLAN' (SHEET C6) FOR LOCATION OF SEPTIC TANK AND SEWER PUMP STATION.
 - SEE 'SEPTIC SYSTEM DETAILS' (SHEET C10) FOR MORE INFORMATION ON SEPTIC SYSTEM COMPONENTS.
 - AN NCDOT ENCROACHMENT AGREEMENT MUST BE OBTAINED PRIOR TO INSTALLING THE PRIVATE SEWER FORCEMAIN ACROSS THE RAY ROAD RIGHT-OF-WAY.
 - THE NEW SEPTIC SYSTEM PROPERTY SHALL BE COMPLETELY INSTALLED AND OPERATIONAL PRIOR TO ABANDONING THE EXISTING SEPTIC SYSTEM.
 - SEPTIC SYSTEM DESIGN AND LAYOUT BASED ON SOIL EVALUATION AND SEPTIC ANALYSIS REPORT PREPARED FOR THE OWNER BY SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOCIATES INC. AND DATED MAY 29, 2017.
 - CONTRACTOR SHALL BE CAREFUL TO MINIMIZE DISTURBANCE IN SEPTIC FIELD.
 - NO DISTURBANCE ALLOWED WITHIN REPAIR AREA.

NITRIFICATION TRENCH SCHEDULE

TRENCH	LENGTH (FT)	BOTTOM OF TRENCH EL.	TOP OF GROUND EL. ABOVE TRENCH	3" PVC FEEDER LENGTH (FT)	3" PVC FEEDER SLOPE (AVE.)
L1A	175	316.5	318.5	30	5%
L1B	175	316.5	318.5	30	5%
L2A	175	316.0	318.0	42	5%
L2B	175	316.0	318.0	42	5%
L3A	175	315.0	317.0	52	6%
L3A	175	315.0	317.0	52	6%
L3A	175	314.5	316.5	60	5%
L3A	175	314.5	316.5	60	5%



REVISIONS

NO.	DATE	DESCRIPTION
12	JAN 2018	ADDED SEPTIC SYSTEM DESIGN, SHEETS C9 AND C10.

AGENCY REVIEW ONLY

Scale: SEE SCALE BAR
Sheet: C9 of 10
Project Number: 17-020

Drawn by: JRT
Designed by: JRT
Reviewed by: JRT
Date: 01 NOV 2017

RECEIVED
JAN 16 2018
CONSTRUCTION SYSTEMS, INC.