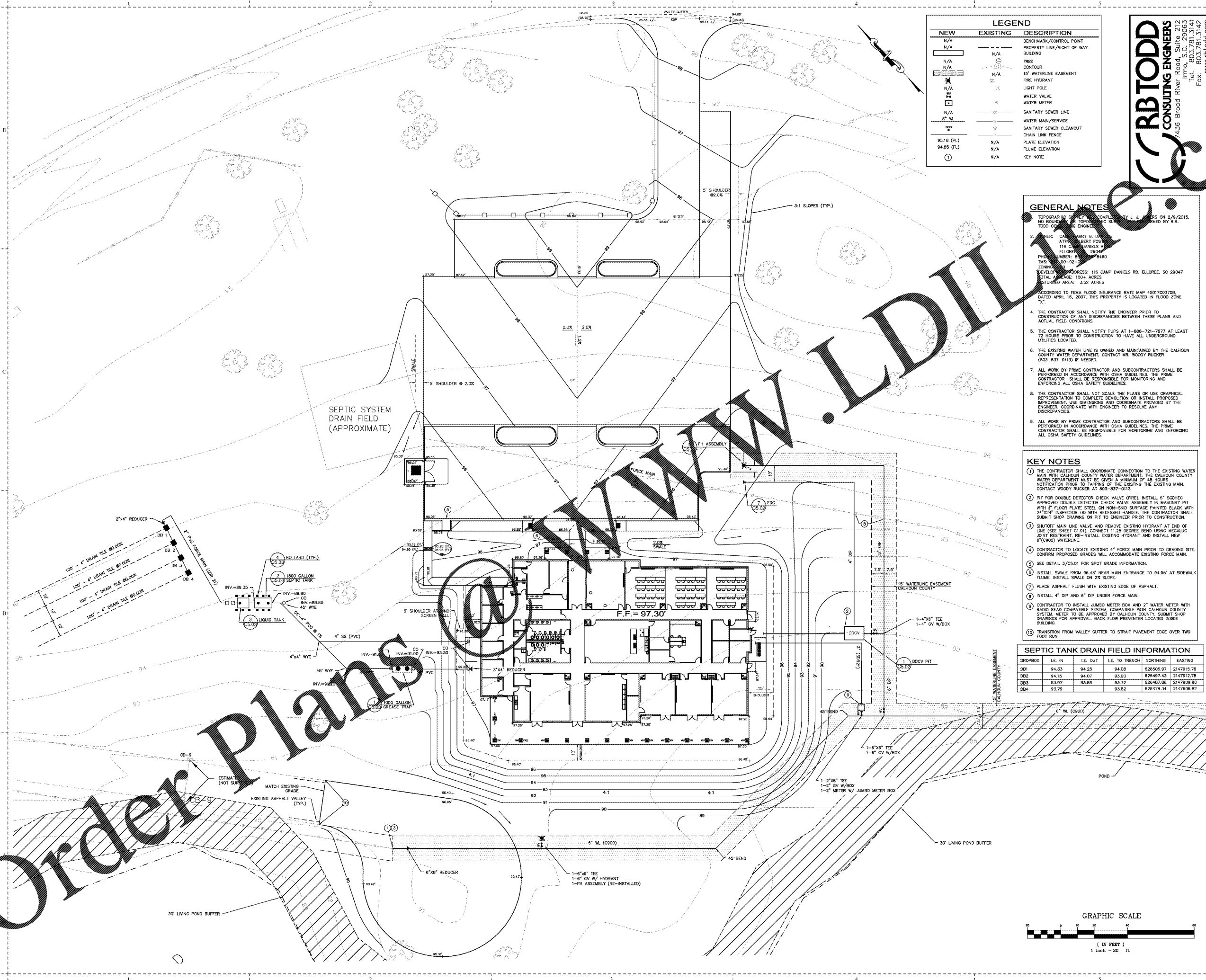


S:\PROJECTS\1310\DRAWINGS\CIVIL\170625\SSU CAMP DANIELS - 170625.DWG - 11/9/2017

DANIEL DRAWINGS (CIVIL) 170625\SSU CAMP DANIELS - 170625.DWG - 11/9/2017

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DANIEL DRAWINGS (CIVIL) 170625\SSU CAMP DANIELS - 170625.DWG - 11/9/2017



NEW	EXISTING	DESCRIPTION
N/A	N/A	BENCHMARK/CONTROL POINT
N/A	N/A	PROPERTY LINE/RIGHT OF WAY
N/A	N/A	BUILDING
N/A	N/A	TREE
N/A	N/A	CONTOUR
N/A	N/A	15' WATERLINE EASEMENT
N/A	N/A	FIRE HYDRANT
N/A	N/A	LIGHT POLE
N/A	N/A	WATER VALVE
N/A	N/A	WATER METER
N/A	N/A	SANITARY SEWER LINE
N/A	N/A	WATER MAIN/SERVICE
N/A	N/A	SANITARY SEWER CLEANOUT
N/A	N/A	CHAIN LINK FENCE
95.18 (PL)	N/A	PLATE ELEVATION
94.85 (FL)	N/A	FLUME ELEVATION
①	N/A	KEY NOTE

**RBTODD CONSULTING ENGINEERS**  
 7436 Broad River Road, Suite 212  
 Irmo, SC 29906-3142  
 Tel: 803.787.3142  
 Fax: 803.787.3142  
 www.rbtodd.com

- GENERAL NOTES**
- TOPOGRAPHIC SURVEY COMPLETED BY J. L. HARRIS ON 2/9/2015. NO REVISIONS TO SURVEY DATA. SURVEY DATA OBTAINED BY R.B. TODD CONSULTING ENGINEERS. SURVEY DATA OBTAINED BY R.B. TODD CONSULTING ENGINEERS.
  - OWNER: CAMP HARRY G. DANIELS  
 ATTORNEY: BERT FOSBERG  
 116 CAMP DANIELS RD.  
 ELLORREE, SC 29047  
 PHONE NUMBER: 803.787.9460  
 TMS PROJECT NO: 00-02-000000  
 ZONING: R-10  
 DEVELOPER ADDRESS: 116 CAMP DANIELS RD. ELLORREE, SC 29047  
 TOTAL ACRES: 100+ ACRES  
 ESTIMATED AREA: 3.52 ACRES
  - ACCORDING TO FEMA FLOOD INSURANCE RATE MAP 450703070B, DATED APRIL 16, 2007, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X".
  - THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS.
  - THE CONTRACTOR SHALL NOTIFY PUPS AT 1-888-721-7877 AT LEAST 72 HOURS PRIOR TO CONSTRUCTION TO HAVE ALL UNDERGROUND UTILITIES LOCATED.
  - THE EXISTING WATER LINE IS OWNED AND MAINTAINED BY THE CALHOUN COUNTY WATER DEPARTMENT. CONTACT MR. WOODY RUCKER (803-837-0113) IF NEEDED.
  - ALL WORK BY PRIME CONTRACTOR AND SUBCONTRACTORS SHALL BE PERFORMED IN ACCORDANCE WITH OSHA GUIDELINES. THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING AND ENFORCING ALL OSHA SAFETY GUIDELINES.
  - THE CONTRACTOR SHALL NOT SCALE THE PLANS OR USE GRAPHICAL REPRESENTATION TO COMPLETE DEMOLITION OR INSTALL PROPOSED IMPROVEMENTS. USE DIMENSIONS AND COORDINATE PROVIDED BY THE ENGINEER. COORDINATE WITH ENGINEER TO RESOLVE ANY DISCREPANCIES.
  - ALL WORK BY PRIME CONTRACTOR AND SUBCONTRACTORS SHALL BE PERFORMED IN ACCORDANCE WITH OSHA GUIDELINES. THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING AND ENFORCING ALL OSHA SAFETY GUIDELINES.

- KEY NOTES**
- THE CONTRACTOR SHALL COORDINATE CONNECTION TO THE EXISTING WATER MAIN WITH CALHOUN COUNTY WATER DEPARTMENT. THE CALHOUN COUNTY WATER DEPARTMENT MUST BE GIVEN A MINIMUM OF 48 HOURS NOTIFICATION PRIOR TO TAPPING OF THE EXISTING MAIN. CONTACT WOODY RUCKER AT 803-837-0113.
  - PIT FOR DOUBLE DETECTOR CHECK VALVE (FIRE). INSTALL 6" SCHED APPROVED DOUBLE DETECTOR CHECK VALVE ASSEMBLY IN MASONRY PIT WITH 2" FLOOR PLATE STEEL ON NON-SKID SURFACE PAINTED BLACK WITH 24"x24" INSPECTOR LID WITH RECESSED HANDLE. THE CONTRACTOR SHALL SUBMIT SHOP DRAWING ON PIT TO ENGINEER PRIOR TO CONSTRUCTION.
  - SHUTOFF MAIN LINE VALVE AND REMOVE EXISTING HYDRANT AT END OF LINE (SEE SHEET C1.01). CONNECT 1.25" DIAMETER BRASS USING METALLURGICAL RESTRAINT. RE-INSTALL EXISTING HYDRANT AND INSTALL NEW 6"(C900) WATERLINE.
  - CONTRACTOR TO LOCATE EXISTING 4" FORCE MAIN PRIOR TO GRADING SITE. CONFIRM PROPOSED GRADES WILL ACCOMMODATE EXISTING FORCE MAIN.
  - SEE DETAIL 3/C5.01 FOR SPOT GRADE INFORMATION.
  - INSTALL SWALE FROM 96.45' NEAR MAIN ENTRANCE TO 94.95' AT SIDEWALK FLUME. INSTALL SWALE ON 2% SLOPE.
  - PLACE ASPHALT FLUSH WITH EXISTING EDGE OF ASPHALT.
  - INSTALL 4" DIP AND 6" DIP UNDER FORCE MAIN.
  - CONTRACTOR TO INSTALL JUMBO METER BOX AND 2" WATER METER WITH RADIO READ COMPATIBLE SYSTEM COMPATIBLE WITH CALHOUN COUNTY SYSTEM. METER TO BE APPROVED BY CALHOUN COUNTY. SUBMIT SHOP DRAWINGS FOR APPROVAL. BACK FLOW PREVENTER LOCATED INSIDE BUILDING.
  - TRANSITION FROM VALLEY GUTTER TO STRAIT PAVEMENT EDGE OVER TWO FOOT RUN.

**SEPTIC TANK DRAIN FIELD INFORMATION**

DROPOUT	I.E. IN	I.E. OUT	I.E. TO TRENCH	NORTHING	EASTING
DB1	94.33	94.25	94.08	626506.97	2147915.78
DB2	94.15	94.07	93.90	626497.43	2147912.78
DB3	93.97	93.89	93.72	626487.88	2147909.80
DB4	93.79		93.62	626478.34	2147906.82

**GRAPHIC SCALE**

( IN FEET )  
1 inch = 20 ft.

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 www.mcmilansmith.com

**SOUTH CAROLINA**  
 REGISTERED PROFESSIONAL ENGINEER  
 NO. 10024  
 DATE 9/29/16

1890 EXTENSION SC STATE UNIVERSITY  
 CAMP HARRY G. DANIELS 1890 EXTENSION  
 FACILITY CONSTRUCTION  
 Agency Review ID: H24-9649-CA

SHEET TITLE: ENLARGED GRADING & UTILITIES PLAN  
 SHEET NO.: C3.02  
 PROJ. NO.: 13140.00  
 DATE: 12/16/2016  
 PREPARED BY: TNA  
 PROJECT ARCHITECT: TNA  
 DRAWN BY: RPL & TFC

Order Plans

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FOR BIDDING