24 HOUR CONTACT
TYLER CRAWFORD
404.226.4443
PROPERTY OWNER
TYLER CRAWFORD
6541 HENRY SMITH RD.
MURRAYVILLE, GA 30564
404.226.4443
tl_crawford@ymail.com

811
Know what's below.
Call before you dig.

NOTES FOR GRAVITY DISPERSAL WITH UNEQUAL TRENCH LINES:

A. SERIAL LOADING IS PROPOSED FOR THIS SITE PER COUNTY HEALTH DEPARTMENT.

B. UTILIZE A FLOW CONTROL VALVE ON THE FORCE MAIN TO REGULATE THE FLOW OF EFFLUENT AND PREVENT OVERFLOW OF EFFLUENT FROM DROP BOXES.

C. PROVIDE A VENT FOR PUMPED SYSTEMS.

D. SYSTEM TO BE INSTALLED A MINIMUM OF 12" BELOW GRADE AND 12" ABOVE THE MOST HYDRAULICALLY LIMITING SOIL HORIZON.

SYSTEM SIZING CALCULATIONS FOR PRO SERIES FABRICATION:
A. PROPOSED FACILITY TO HAVE ONE BATHROOM AT 100 GPD. PROPOSED SYSTEM TO SERVICE ONE BATHROOM.

B. CHAMBER PRIMARY SYSTEM DESIGNED FOR INSTALLATION WITH MINIMUM 12" COVER IN A 45 MIN/IN SOIL SERIES. SQUARE FOOTAGES PER GALLON TAKEN FROM TABLE JT-1 OF THE GA MANUAL FOR ONSITE SEWER MANAGEMENT SYSTEMS:
1.342 S.F./GAL. x 220 GAL. = 295.2/3' TRENCH = 98.41 L.F. PROVIDED 100 L.F.

LINE A – 52 L.F. (HIGH CAPACITY CHAMBER)
LINE B – 48 L.F.

C. CONVENTIONAL REPAIR SYSTEM DESIGNED FOR 3' TRENCH INSTALLATION WITH MINIMUM 12" COVER IN A 45 MIN/IN SOIL SERIES. SQUARE FOOTAGES PER GALLON TAKEN FROM TABLE JT-1 OF THE GA MANUAL FOR ONSITE SEWER MANAGEMENT SYSTEMS:
1.342 S.F./GAL. x 220 GAL. = 295.2/3' TRENCH = 98.41 L.F. PROVIDED 100 L.F.

LINE A – 52 L.F.
LINE B – 48 L.F.

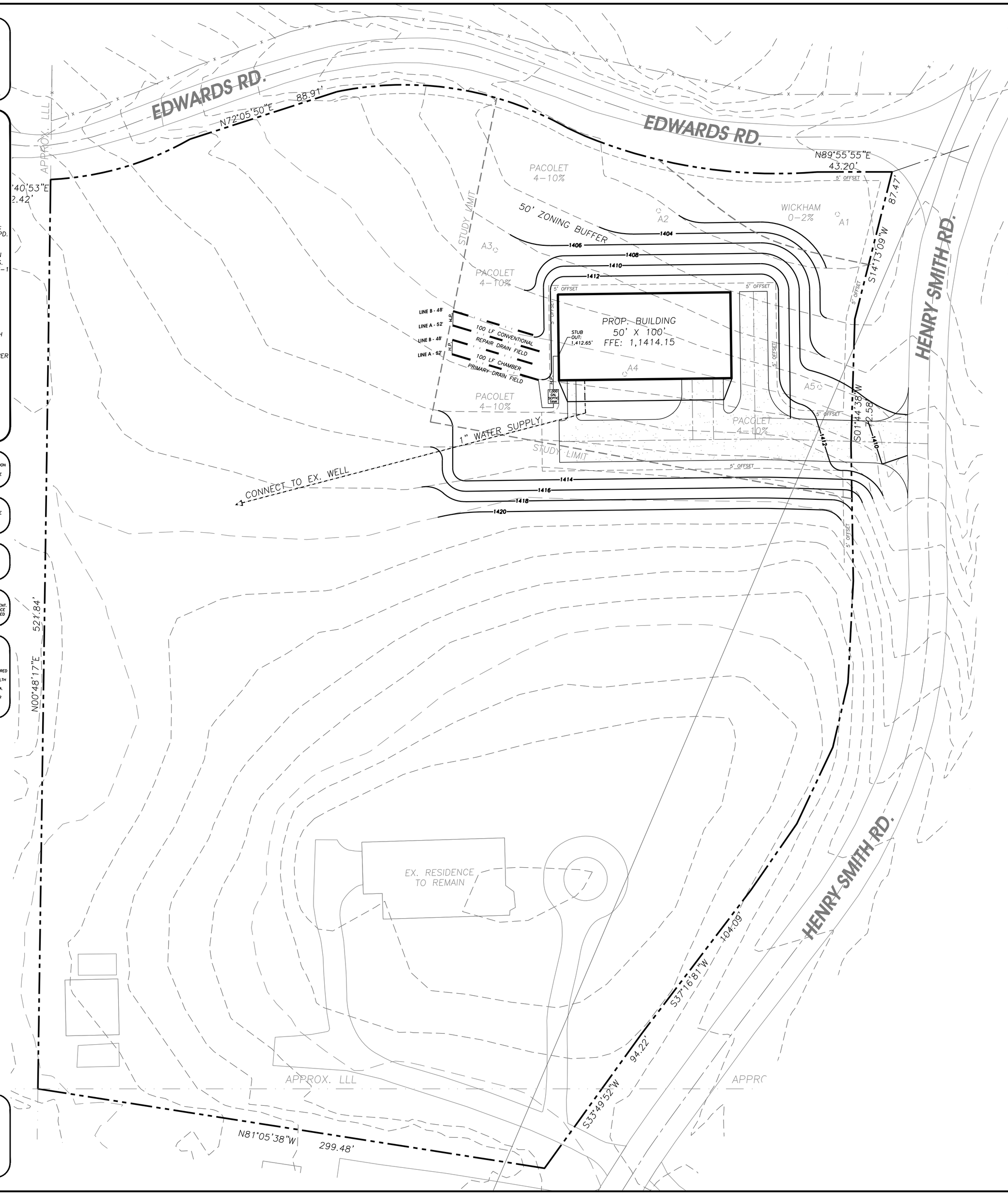
"EROSION & SEDIMENTATION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION AND SEDIMENTATION CONTROL, ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE." IF THE 24-HOUR CONTACT NUMBER CHANGES, THE SITE OPERATOR MUST NOTIFY THE CODE ENFORCEMENT OFFICE.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

"THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO EACH CONSTRUCTION PHASE OF LAND DISTURBING ACTIVITIES."

ENGINEER'S STATEMENT:
I CERTIFY THIS ON-SITE SEWAGE MANAGEMENT SYSTEM MEETS THE MINIMUM DESIGN REQUIREMENTS ESTABLISHED BY THE DEPARTMENT OF HUMAN RESOURCES AND THE JACKSON COUNTY HEALTH DEPARTMENT. I HAVE CONDUCTED A SITE VISIT TO VERIFY THE SYSTEM CAN BE INSTALLED AS DESIGNED IN ACCORDANCE WITH THESE REGULATIONS. ALL CALCULATIONS ARE BASED ON SOILS AND SURVEY INFORMATION PROVIDED BY OTHERS. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY OF THIS DATA.

ENGINEER'S NOTES AND SPECIFICATIONS:
1. ALL PVC TO BE SCHEDULE 40
2. DIVERT ALL SURFACE WATER AWAY FROM AREAS WHERE TANKS AND DRAINFIELDS ARE LOCATED.
3. SITE FEATURES, PROPERTY BOUNDARY, AND SOILS INFORMATION SHOWN WAS TAKEN FROM INFORMATION PROVIDED BY OTHERS AND COMPILED BY THE DESIGNER. EVERY ATTEMPT HAS BEEN MADE TO PLACE THESE FEATURES ON THE PLAN IN THEIR CORRECT LOCATION. THEY ARE CONSIDERED APPROXIMATE. THIS PLAN IS NOT INTENDED FOR USE AS A BOUNDARY SURVEY OR A SOILS REPORT.
4. ALL CONSTRUCTION TECHNIQUES AND MATERIALS FOR SEPTIC SYSTEM TO COMPLY WITH COUNTY HEALTH DEPARTMENT STANDARDS AND ALL LOCAL REQUIREMENTS.
5. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL UNDERGROUND UTILITIES IN THE WORK AREA.
6. CONTRACTOR SHALL VERIFY ALL ELEVATIONS AND ALL SETBACKS.
7. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN THE CONDITION OF THE SITE PRIOR TO STARTING WORK.
8. PUMPED SYSTEMS SHOULD INCLUDE A VENT.



1. PROPOSED IS A CHAMBER PRIMARY SEPTIC SYSTEM WITH A CONVENTIONAL REPAIR SYSTEM.
2. SEPTIC DRAIN FIELD LINES SHALL CONFORM TO MINIMUM SETBACKS LISTED BELOW AND SHOWN ON THE PLAN.
   5' FROM ANY BUILDING FOUNDATION
   10' FROM BASEMENT FOUNDATION
   5' FROM ANY PROPERTY LINE OR DRIVEWAY.
   8' MIN. SEPARATION BETWEEN DRAIN FIELDS.
   20' SETBACK FROM UNSUITABLE SOILS, UNLESS DRIP SYSTEM IS PROPOSED.
3. SEE BOUNDARY SURVEY FOR EXACT BOUNDARY INFORMATION.
4. ANY DRIP SYSTEM SHALL BE DESIGNED BY CIVIL ENGINEER PRIOR TO CONSTRUCTION.

NORTH

GRAPHIC SCALE
0' 15' 30' 60' 90'

RED ROCK DESIGN
·land planning ·engineering
678.227.4545 po box 50 / statham, ga 30666
valiantservices2020@gmail.com

NEW BARN BUILDING

6541 HENRY SMITH RD.
MURRAYVILLE, GA 30564
HALL COUNTY
A 5.743 ACRE TRACT
0.98 ACRES DISTURBED
TAX PARCEL #: 11023 000024

REVISIONS	DATE

ANY CHANGES OR ALTERATIONS MADE TO THESE CONSTRUCTION DRAWINGS WITHOUT THE WRITTEN APPROVAL OF RED ROCK DESIGN, LLC. VOIDS THE SEAL SHOWN HEREON AND ANY LIABILITY ASSOCIATED WITH THIS PROJECT.
THE ORIGINAL DRAWINGS ARE KEPT ON FILE FOR VERIFICATION OF ANY CHANGES.

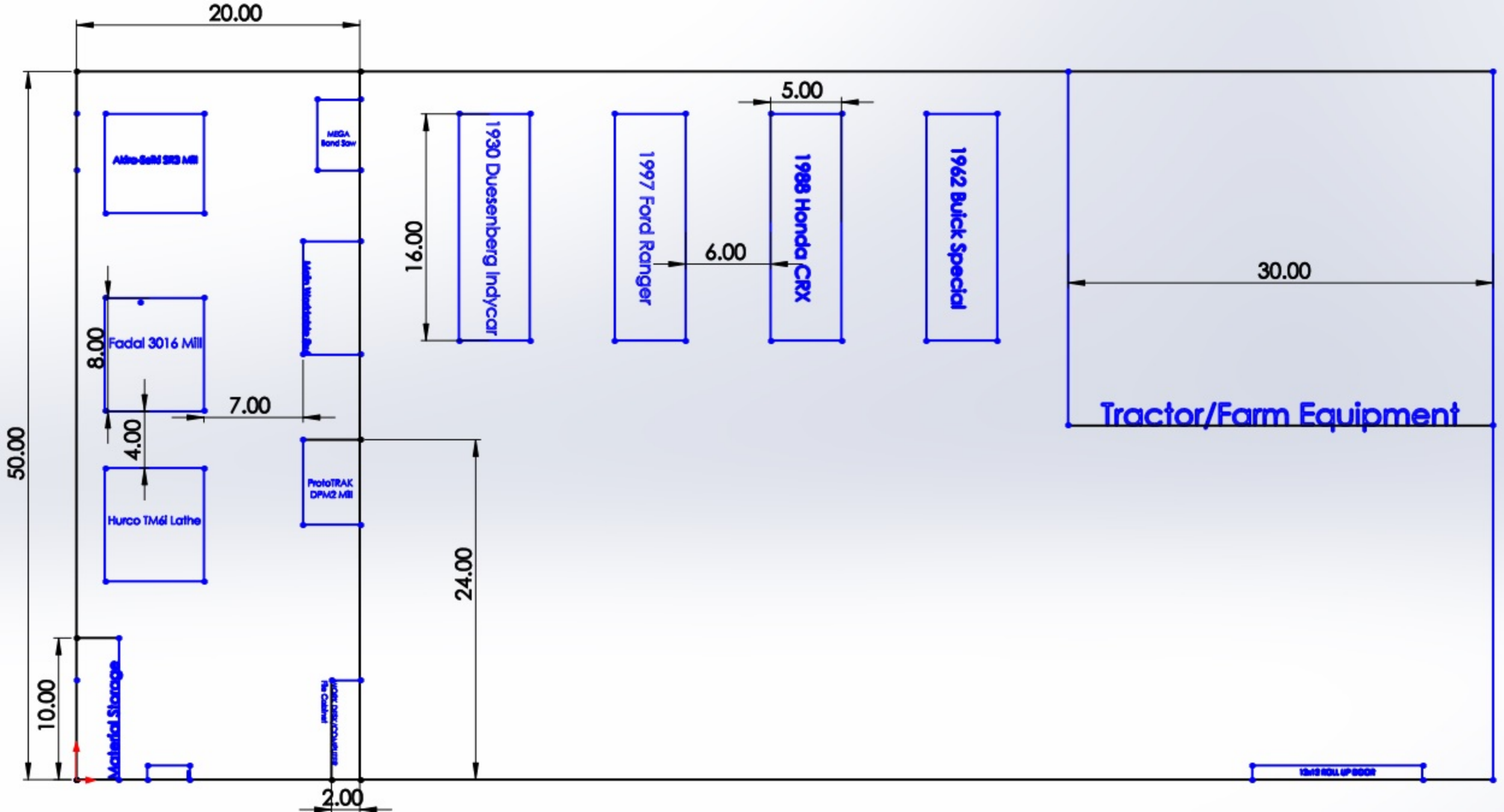
GEORGIA REGISTERED No. 30460 PROFESSIONAL ENGINEER KELVIN D. WHITE

03/21/22

DATE
03/21/22

SEPTIC PLAN

SHEET
1 OF 1


20.00
50.00
Altra-Solid SR3 Mill
MEGA Band Saw
Fadal 3016 Mill
8.00
4.00
7.00
Hurco TM6i Lathe
ProtoTRAK DPM2 Mill
16.00
1930 Duesenberg Indycar
1997 Ford Ranger
6.00
5.00
1988 Honda CRX
1962 Buick Special
30.00
Tractor/Farm Equipment
24.00
10.00
Material Storage
2.00