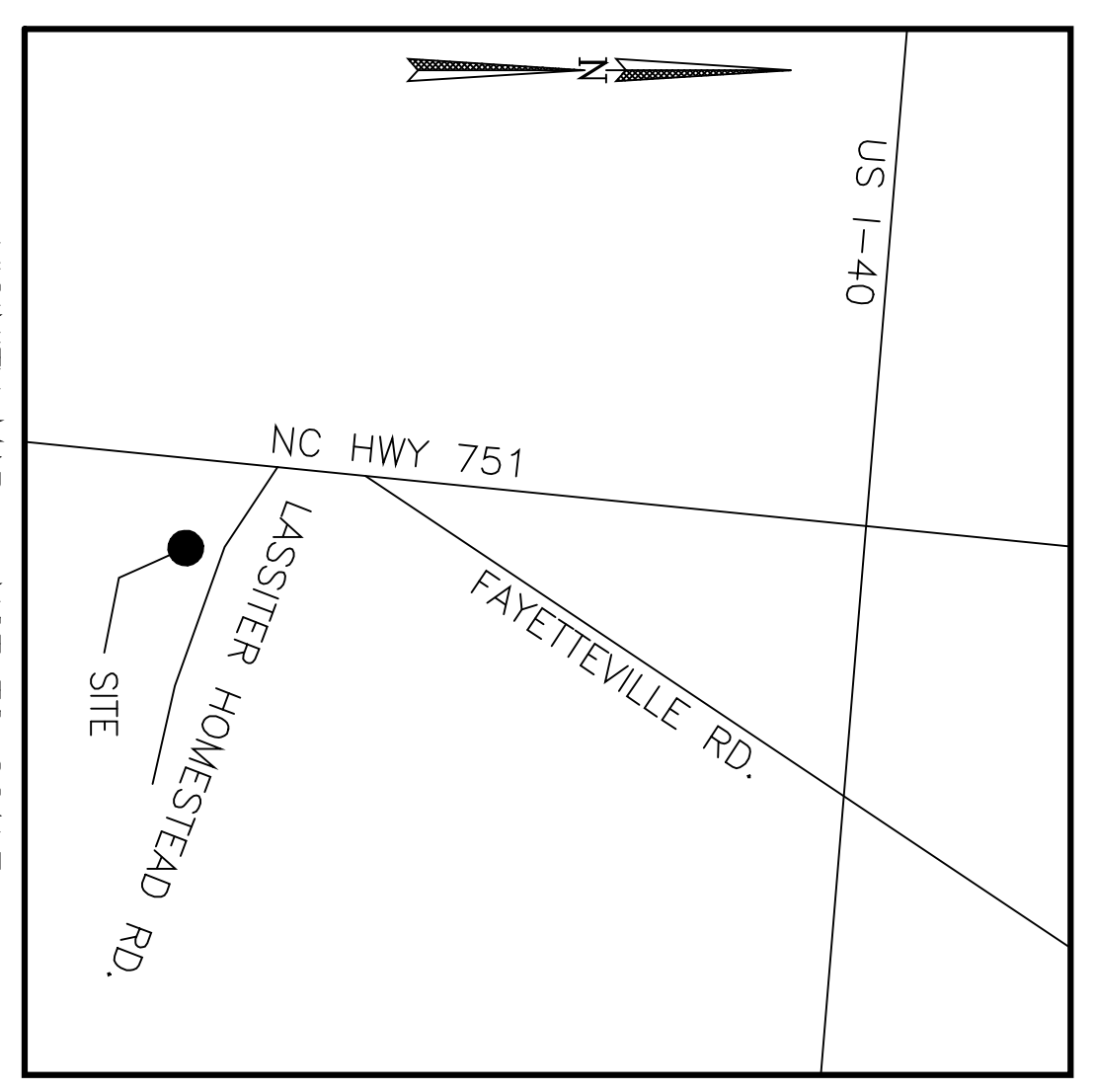
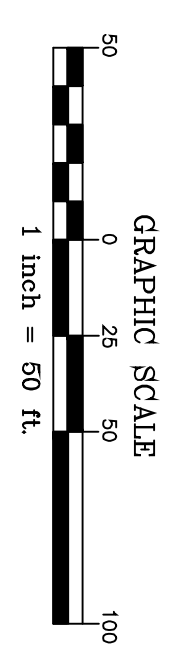
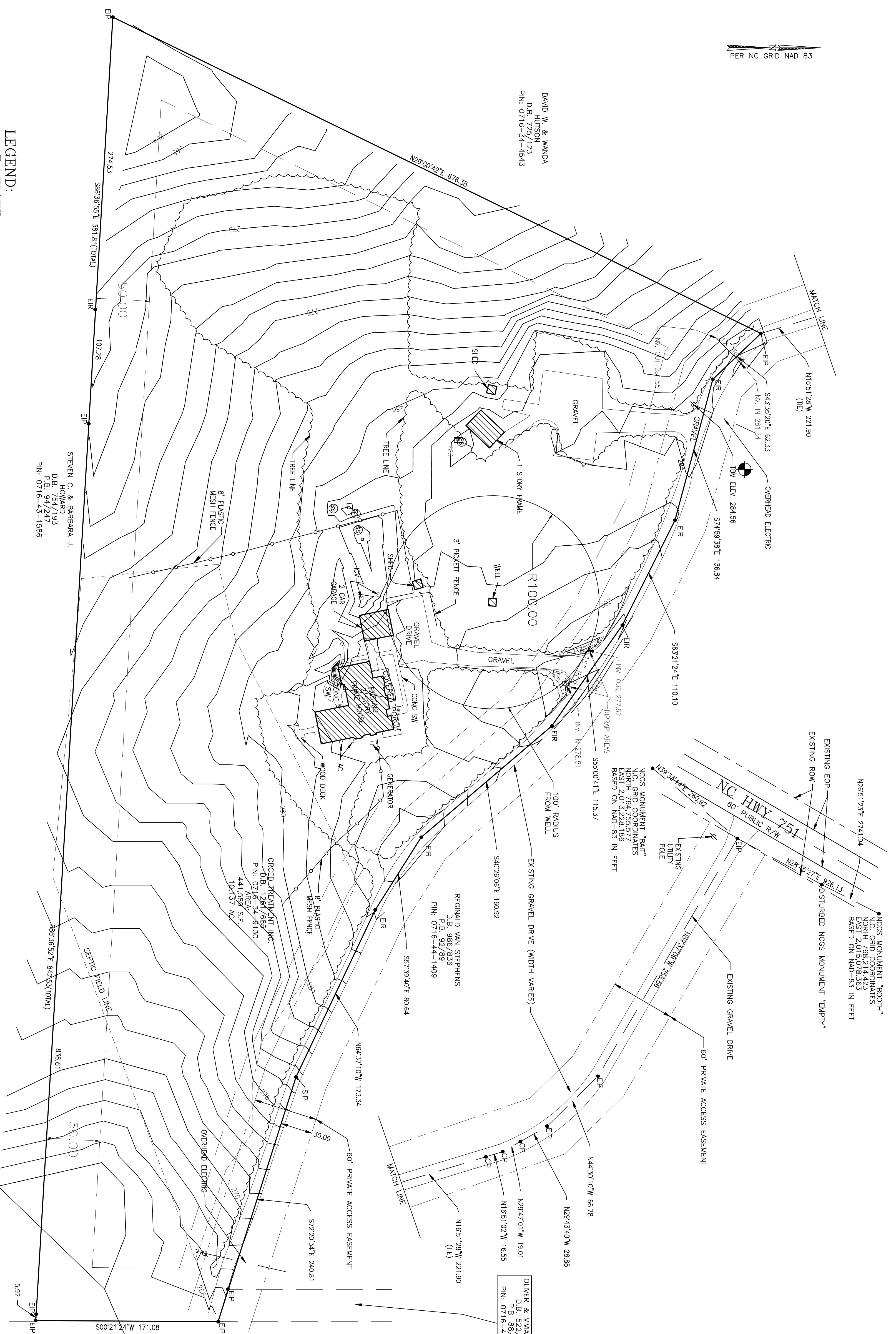


PER NC GRID NAD 83

- LEGEND:**
- ⊗ WATER METER
 - ⊗ SANITARY SINKER MANHOLE
 - ⊗ CLEAN OUT
 - ⊗ POWER POLE
 - ⊗ CONCRETE
 - ⊗ ELECTRICAL TRANSFORMER
 - EIP EXISTING IRON PIPE
 - EIP EXISTING IRON ROD
 - SW SIDE WALK
 - OVERHEAD POWER LINE
 - STORM LINE
 - SANITARY SEWER LINE



NOTES:

DUCTILE IRON PIPE TO BE USED IN ALL TRAFFIC AREAS.

ALL SPRAY HEADS (EXISTING AND PROPOSED) SHALL USE RAIN BIRD 1/20 EFFLUENT RUMP TO BE USED. 1/20 OR EQUIVALENT ADJUSTABLE FOR 1943 GAL. PER DOSE. PUMP CAPACITY 175 GPM AT 124.6 FT.

PUMP SHALL BE AUTOMATICALLY OPERATED WITH ONLY "EMERGENCY" MANUAL ON/OFF CONTROLS AND SHALL HAVE A VERTICAL FEDERAL BASE. TOPOGRAPHICAL INFORMATION TAKEN FROM USGS TOPO MAP.

LOCATION OF PROPOSED HOUSE IS APPROXIMATE AND SHOULD BE LOCATED PER LOCAL ORDINANCE.

BOUNDARY INFORMATION TAKEN FROM MAP PROVIDED BY CLIENT.

OTHER CONTROL VALVES ON SPRINKLER HEADS WILL BE ADJUSTED IN ORDER TO PROVIDE SPECIFIED SPRAY DIAMETER OR SERVICE WILL BE ENLARGED TO ENLARGE BARRER SPRAY FIELD IF NECESSARY.

WELL TO BE LOCATED A MINIMUM OF 100' FROM WASTE TREATMENT UNITS AND WETTED AREA.

CONTRACTOR SHALL BACKFILL ADJACENT TO ALL RISERS, TANK ACCESS POINTS SHALL BE SLOPED SO THAT RUNOFF IS DIVERSED AWAY FROM THE RISER AREAS.

THE PUMP IS TO BE REGULATED BY A RAINBIRD MODEL RS-1 (RAIN CHECK) AUTOMATIC RAIN SHUTOFF.

LEAKAGE TESTING SHALL BE PERFORMED ON ALL CONCRETE TANKS USING EITHER THE STATIC WATER OR VACUUM TEST METHODS. EVAPORATION PERIOD NOT EXCEED 20 GAL/1000 GAL OF TANK CAPACITY IN ANY 24 HR. PERIOD.

WETTED AREA TO BE 400' FROM ANY OFF-SITE RESIDENCE 50' FROM OPERATING LINE, 100' FROM SPRINKLER HEADS AND DITCHES, AND 100' FROM ALL EXISTING AND PROPOSED UTILITY LINES OR THESE SETBACKS TO BE PERFORMED BY CONTRACTOR.

INLET ELEVATION OF BUILDING SINKER SEPTIC TANK DISTRIBUTION BOX, SAND FILTERS AND CHLORINE TANK TO BE DETERMINED IN FIELD BY CONTRACTOR TO INSURE PROPER OPERATION. AREA OVER FILTERS TO BE FILLED AS NECESSARY TO PROVIDE ADEQUATE COVER.

SEPTIC TANK INSTALLED SHALL BE APPROVED BY THE N.C. DEPT. OF ENVIRONMENTAL HEALTH (DEH) FOR THE INTENDED USE.

MANUFACTURER COMPONENT SPECIFICATIONS AND RECOMMENDED INSTALLATION PROCEDURES SHALL BE FOLLOWED UNLESS SPECIFIED OTHERWISE BY ENGINEER.

CAROLINA HOUSE WWTS IMPROVEMENTS

**176 LASSITER HOMESTEAD DR.
DURHAM COUNTY, NC**

EXISTING SITE PLAN

DATE: 01/30/08
SCALE: VARIES
JOB NO. 1265-01-10
DRAWN BY: AMR
CHECKED BY: DKS

SHEET

1

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SEAL