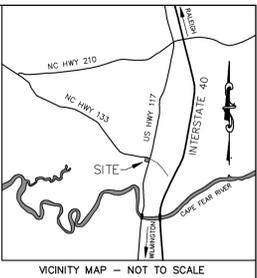


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I, JOHN L. PIERCE, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED REFERENCES SHOWN HEREON); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; WITNESS MY ORIGINAL SIGNATURE, LICENSURE NUMBER AND SEAL THIS DAY OF 2013.
NOTE: THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY JOHN L. PIERCE, P.L.S., ON SEPTEMBER 24, 2013. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.
JOHN L. PIERCE P.L.S. L-2596

Crystal Coast Engineering, P.A. Civil and Environmental Consulting Engineers
David K. Newton, PE
John R. Freshwater, PE
205-3 WARD ROAD, SWANSBORO, N.C. 28584
PHONE: (910) 325-0006 FAX: (910) 325-0060
License No. C-29531



UTILITY PROVIDERS
PENDER COUNTY UTILITIES
PHYSICAL ADDRESS:
LAW ENFORCEMENT CENTER
605 E. FREMONT ST.
BURGAW, NC 28425
MAILING ADDRESS:
P.O. BOX 995
BURGAW, NC 28425
PHONE: 910-259-1570
FAX: 910-259-1579

APPROVED BY THE PENDER COUNTY UNIFIED DEVELOPMENT ADMINISTRATOR
ADMINISTRATOR DATE APPROVED
SITE PLAN VALID FOR TWO (2) YEARS FROM APPROVAL DATE

DUKE ENERGY PROGRESS
P.O. BOX 1090
CHARLOTTE, NC 28201-1090
PHONE: 1-800-452-2777
CUSTOMER SERVICE PHONE: 1-800-653-5307

TRACT DATA:
TOTAL AREA = 2.37 ACRES (103,132.17 SQ.FT.)
DISTURBED AREA = 3.0 ACRES
ZONING = GB
PROPOSED USE = CONVENIENCE STORE
PIN NUMBER = 3233 34 7536 0000
SEWER = CAPE FEAR PUBLIC UTILITIES
WATER = PENDER COUNTY UTILITIES
POWER = DUKE ENERGY PROGRESS
ADDRESS: 11795 US HWY. 117 S.
D.B. 1145, PG. 50

THIS PROPERTY IS NOT LOCATED IN A FLOOD PLAIN ACCORDING TO F.E.M.A. MAP 370344-3233K DATED FEBRUARY 16, 2007. THIS SITE IS LOCATED IN ZONE "X".

CALCULATIONS DATA:
EXISTING PARKING SPACES = 0
12 C-STORE (2800 S.F. / 225 = 12.4)
15 FUTURE OSR (1500 S.F. / 100 = 15)
27 FUTURE RETAIL (AUTO PARTS STORE) (6,000 S.F. / 225 = 26.6)
54 TOTAL SPACES REQUIRED
56 HAVE BEEN PROVIDED (INCLUDES 2 HANDICAP SPACES WHICH 1 IS VAN ACCESSIBLE)

LANDSCAPING
BUFFER - TYPE "A", 15' WIDE & 608 LF
NUMBER OF CANOPY TREES = 19
NUMBER OF UNDER STORY TREES = 13
CANOPY TREES (40) - ACER RUBRUM (RED MAPLE) - "RED SUNSET"
UNDERSTORY TREES (40) - LAGERSTROMIA INDICA (CREPE MYRTLE) - "CATAMBA"

TREE MITIGATION PER SIGNIFICANT TREE SURVEY
TREES TO BE REMOVED
OAK = 7
HOLLY = 1
QUERCUS ALBA (WHITE OAK)
ILEX OPACA (AMERICAN HOLLY)

SITE ADDRESS: 11795 US HWY 117 S.
OWNER: EDNA WILSON SHEPARD HENSON, TRUSTEE FOR THE EDNA WILSON SHEPARD HENSON REVOCABLE TRUST C/O PAULA MILLS
PURCHASER/DEVELOPER: SAMPSON-BLADEN OIL COMPANY, INCORPORATED
3309 DRAKE CIRCLE RALEIGH, NC 27607 919-785-1904

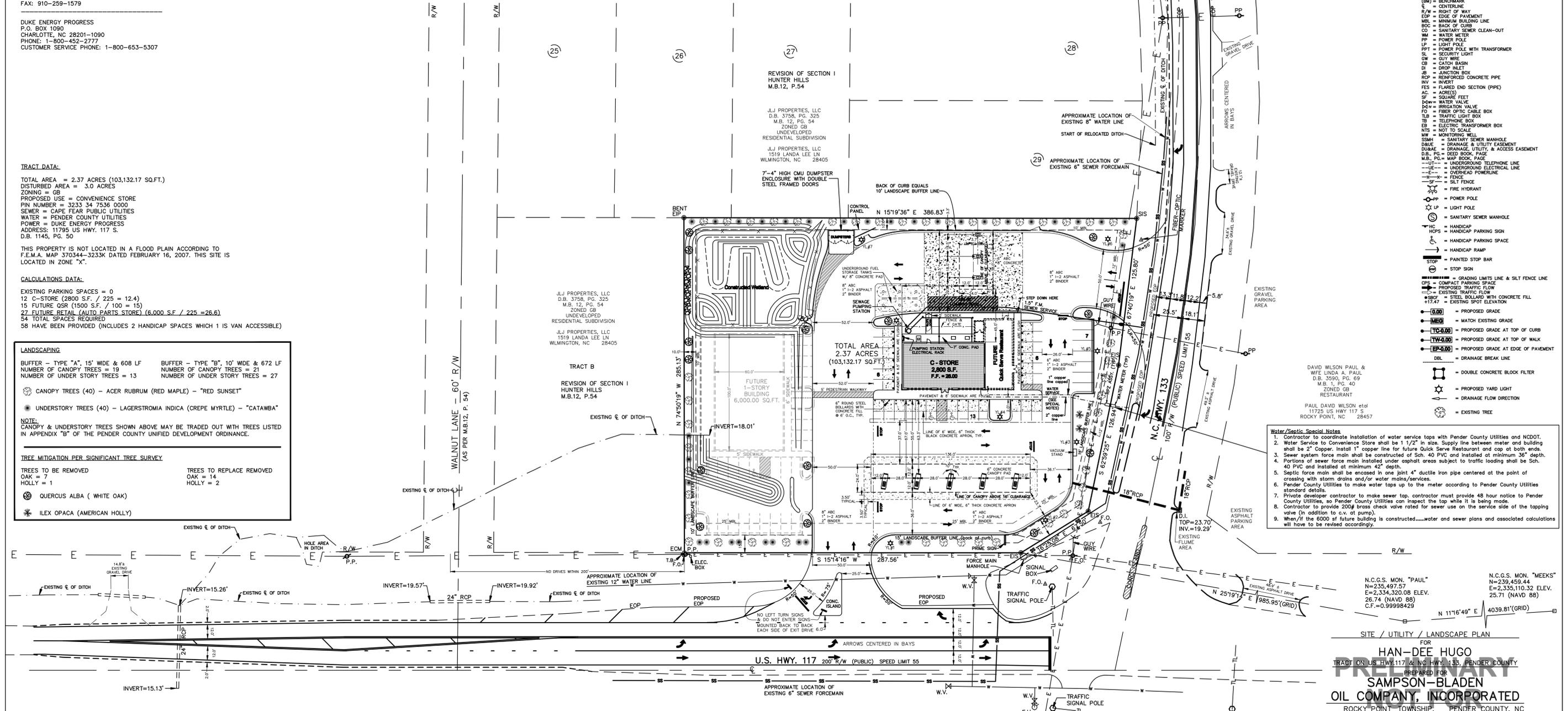
FOR TURNING LANE PLANS & DETAILS
SEE "TURNING LANE PLANS", SHEETS 1, 2, & 3 OF 3

A. MILLER FAMILY, LLC
D.B. 3005, PG. 236
M.B. 38, PG. 95
ZONED GB
UNDEVELOPED
A MILLER FAMILY, LLC C/O JAMES MILLER
96509 BLACKCROCK RD
YULEE, FL 32097

MCM DEVELOPMENT, LLC
D.B. 1300, PG. 95
M.B. 32, PG. 60
ZONED GB
UNDEVELOPED
MCM DEVELOPMENT LLC
PO BOX 597
WILMINGTON, NC 28402

REVISIONS: 2/5/14 turning lane per ncdot
2/25/14 traffic island signs per ncdot
3/10/14 canopy-pump dimensions
3/11/14 added yard light & numbered
3/20/14 added crosswalk & adjusted notes
3/20/14 added underground fuel tanks/water line

GRAPHIC SCALE
1 inch = 40 ft.
SHEET 1 OF 11
G:\Projects\BUNN BRANTLEY HAN-DEE HUGO ROCKY POINT\dwg\Bssa.dwg 3/24/2014 3:19:28 PM EDT



- LEGEND:
EIS = EXISTING IRON STAKE
IS = SET IRON STAKE
EIP = EXISTING IRON PIPE
EOM = EXISTING CONCRETE MONUMENT
CC = CONTROL CORNER
COP = CONTROL POINT
EPK = EXISTING PK NAIL
EPK = EXISTING PK NAIL
ENB = EXISTING NAIL
ENB = EXISTING NAIL
(BM) = BENCHMARK
CEN = CENTERLINE
R/W = RIGHT OF WAY
EOP = EDGE OF PAVEMENT
MBL = MINIMUM BUILDING LINE
BOC = BACK OF CURB
CO = SANITARY SEWER CLEAN-OUT
PP = POWER POLE
PPT = POWER POLE WITH TRANSFORMER
SL = SECURITY LIGHT
GW = GUY WIRE
CB = CATCH BASIN
JIB = JUNCTION BOX
RCP = REINFORCED CONCRETE PIPE
INV = INVERT
FES = FLARED END SECTION (PIPE)
AC = ACRE(S)
SF = SQUARE FEET
S4 = 4" WATER VALVE
E4 = 4" IRRIGATION VALVE
FO = FIBER OPTIC CABLE BOX
TLB = TRAFFIC LIGHT BOX
TA = TELEPHONE BOX
EB = ELECTRIC TRANSFORMER BOX
NTS = NOT TO SCALE
MW = MONITORING WELL
SSM = SANITARY SEWER MANHOLE
DAME = DRAINAGE & UTILITY EASEMENT
DUABE = DRAINAGE, UTILITY & ACCESS EASEMENT
D.B. PG. = DEED BOOK, PAGE
M.B. PG. = MAP BOOK, PAGE
--UT-- = UNDERGROUND TELEPHONE LINE
--UE-- = UNDERGROUND ELECTRICAL LINE
--OV-- = OVERHEAD POWERLINE
--X-- = FENCE
--S-- = SILT FENCE
--F-- = FIRE HYDRANT
--PP-- = POWER POLE
--LP-- = LIGHT POLE
--SSM-- = SANITARY SEWER MANHOLE
--HC-- = HANDICAP
HOPS = HANDICAP PARKING SIGN
--H-- = HANDICAP PARKING SPACE
--R-- = HANDICAP RAMP
--STOP-- = PAINTED STOP BAR
--STOP-- = STOP SIGN
--GL-- = GRADING LIMITS LINE & SILT FENCE LINE
CPS = COMPACT PARKING SPACE
--PTF-- = PROPOSED TRAFFIC FLOW
--STB-- = EXISTING TRAFFIC FLOW
--SBF-- = STEEL BOLLARD WITH CONCRETE FILL
+17.47 = EXISTING SPOT ELEVATION
[0.00] = PROPOSED GRADE
[MEG] = MATCH EXISTING GRADE
[TC-0.00] = PROPOSED GRADE AT TOP OF CURB
[TW-0.00] = PROPOSED GRADE AT TOP OF WALK
[EP-0.00] = PROPOSED GRADE AT EDGE OF PAVEMENT
DBL = DRAINAGE BREAK LINE
--DBL-- = DOUBLE CONCRETE BLOCK FILTER
--Y-- = PROPOSED YARD LIGHT
--DFD-- = DRAINAGE FLOW DIRECTION
--T-- = EXISTING TREE

Water/Septic Special Notes
1. Contractor to coordinate installation of water service taps with Pender County Utilities and NCDOT.
2. Water service to Convenience Store shall be 1 1/2" in size. Supply line between meter and building shall be 2" copper. Install 1" copper line for future Quick Serve Restaurant and cap at both ends.
3. Sewer system force main shall be constructed of Sch. 40 PVC and installed at minimum 36" depth.
4. Portions of sewer force main installed under asphalt areas subject to traffic loading shall be Sch. 40 PVC and installed at minimum 42" depth.
5. Septic force main shall be enclosed in one joint 4" ductile iron pipe centered at the point of crossing with storm drains and/or water mains/services.
6. Pender County Utilities to make water taps up to the meter according to Pender County Utilities standard details.
7. Private developer contractor to make sewer tap, contractor must provide 48 hour notice to Pender County Utilities, so Pender County Utilities can inspect the tap while it is being made.
8. Contractor to provide 200# brass check valve rated for sewer use on the service side of the tapping valve (in addition to c.v. at pump).
9. When/if the 6000 sf future building is constructed, water and sewer plans and associated calculations will have to be revised accordingly.

N.C.G.S. MON. "PAUL"
N=235,497.57
E=2,334,320.08 ELEV.
26.74 (NAVD 88)
C.F.=0.99998429
N.C.G.S. MON. "MEEKS"
N=239,459.44
E=2,335,110.32 ELEV.
25.71 (NAVD 88)