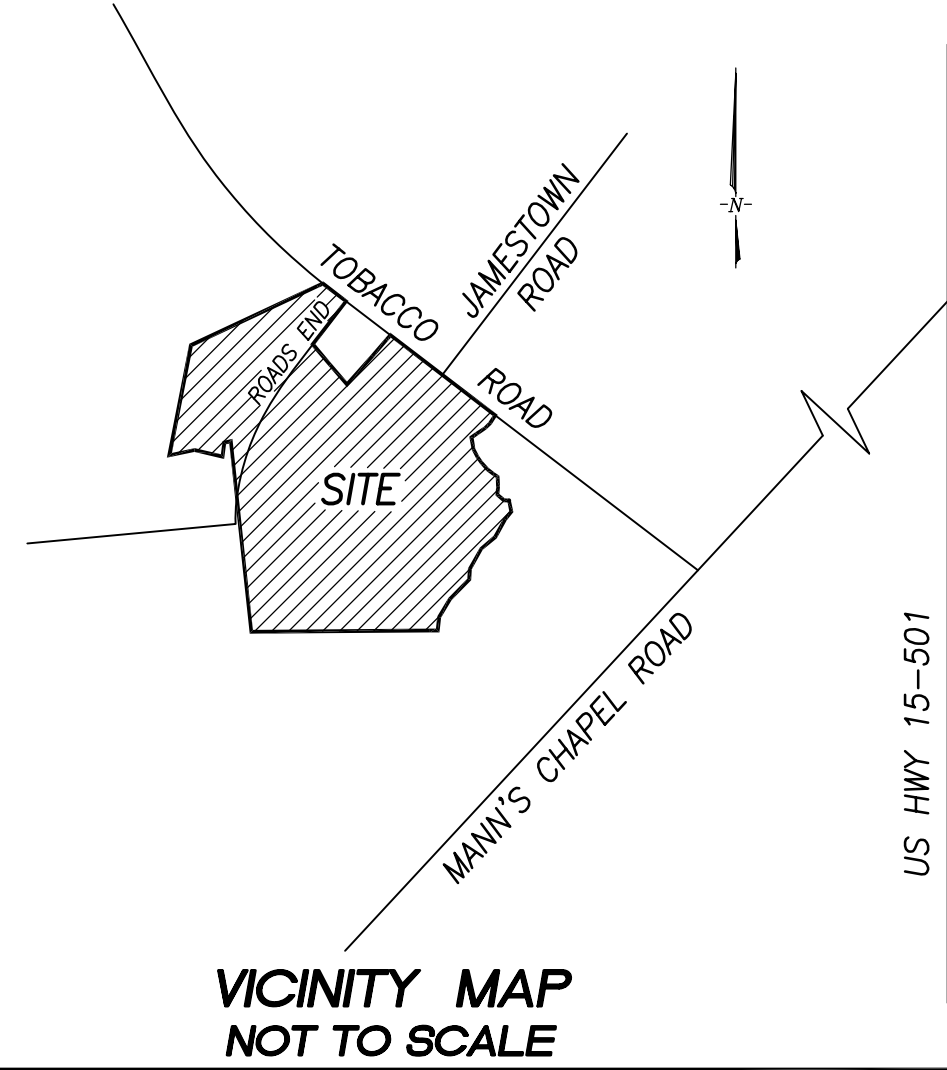


SOIL DATA PROVIDED BY:



Agri-Waste Technology, Inc.
5400 Etta Burke Court
Raleigh, NC 27606
1.919.859.0669



SHEET INDEX

- SHEET 1 SUBDIVISION SKETCH DESIGN PLAN
- SHEET 2 ROAD DETAILS

THE WOODS AT WILKINSON CREEK SUBDIVISION - SKETCH DESIGN

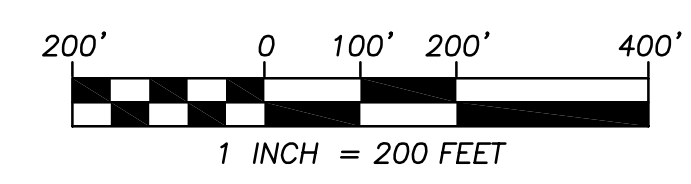
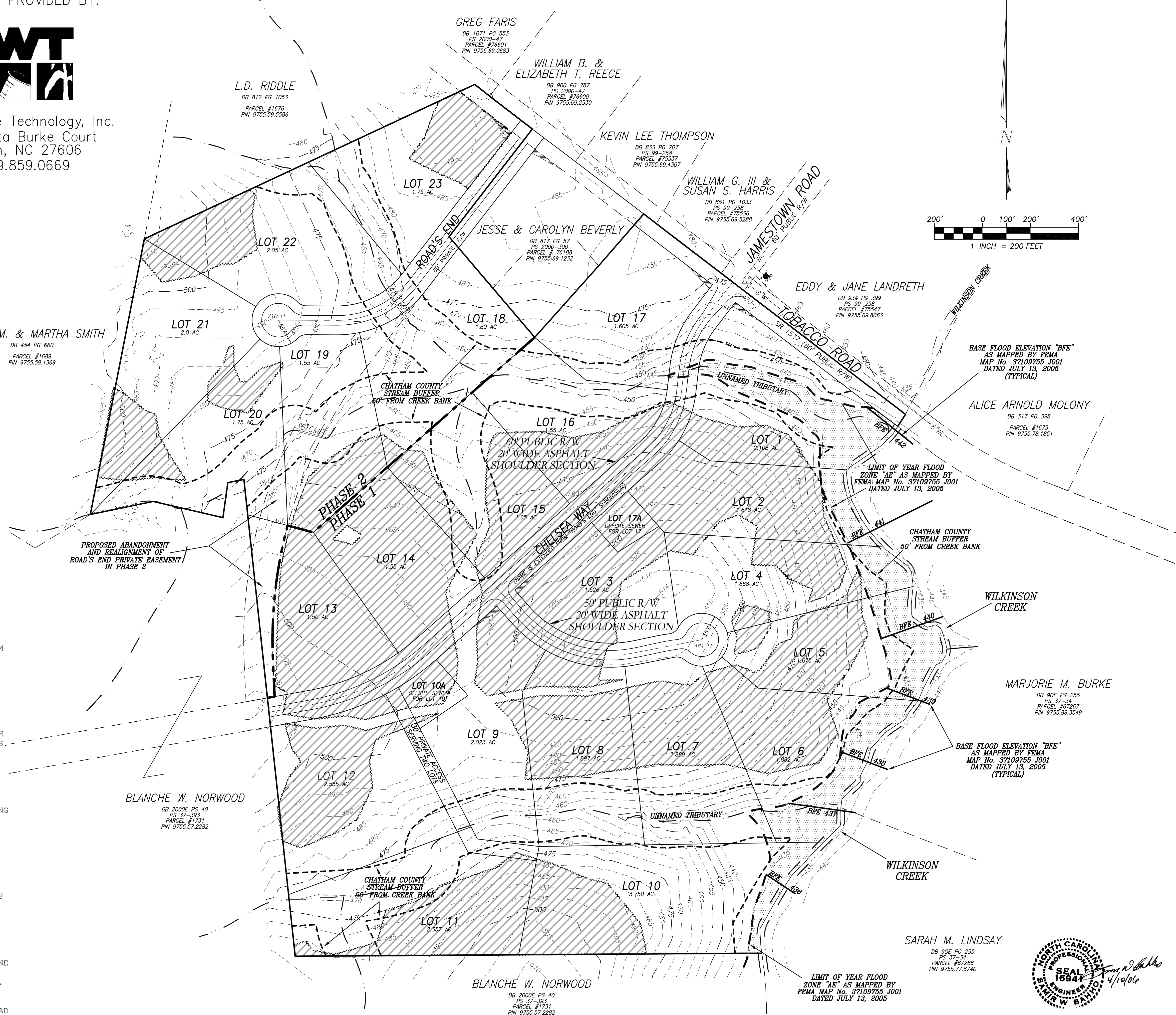
- NAME OF SUBDIVISION: THE WOODS AT WILKINSON CREEK
- LOCATION OF SUBDIVISION IS ON TOBACCO ROAD SR 1537. SEE VICINITY MAP
- OWNER: WILKINSON CREEK, LLC.
- TOTAL ACRES: 47.06 ACRES
- PROPERTY IS ZONED RA40 WITH MINIMUM LOT SIZE OF 40,000 SQUARE FEET. HOWEVER, THE AVERAGE AREA OF 1.5 ACRES ARE PLANNED FOR THE SUBDIVISION.
- TOTAL NUMBER OF LOTS IS: 23
- PROPERTY IS LOCATED IN HAW RIVER BASIN, BRANCH OF CAPE FEAR BASIN. INTERMITTENT AND OR BLUE LINE STREAMS HAVE BEEN IDENTIFIED FROM COUNTY GIS, USGS OR COUNTY SOIL MAPS. ANY STREAM IDENTIFIED AS INTERMITTENT OR BLUE LINE STREAM ON ANY OF THE ABOVE-SAID MAPS SHALL HAVE 50' BUFFER EASEMENT ON BOTH SIDE OF STREAM MEASURED FROM NORMAL WATER POOL OR STREAM BANK OUTWARD.
- WILKINSON CREEK CONSTITUTES THE EASTERN PROPERTY LINE. THE CREEK IS DESIGNATED AS BLUE LINE ON USGS AND SOIL MAPS. A 50' CHATHAM COUNTY CREEK BUFFER IS SHOWN ON BOTH SIDES OF WILKINSON CREEK AND OTHER UNAMED INTERMITTENT STREAMS OF THE SITE.
- PROPOSED ROADS SHALL BE DESIGNED TO NORTH CAROLINA TRANSPORTATION DEPARTMENT SUBDIVISION ROADS, MINIMUM CONSTRUCTION STANDARDS OF JANUARY LATEST EDITION
- RIGHT OF WAY WIDTH FOR RESIDENTIAL COLLECTOR ROADS SHALL BE 60' WIDE WITH 20' RIBBON PAVEMENT, 2' PAVED SHOULDERS ON BOTH SIDES OF ROAD AND DITCHES. SEE TYPICAL SECTION FOR RESIDENTIAL COLLECTOR
- RIGHT OF WAY WIDTH FOR LOCAL RESIDENTIAL SUBDIVISION ROADS SHALL BE 50' WIDE WITH 20' RIBBON PAVEMENT, GRASS SHOULDERS AND DITCHES. SEE TYPICAL SECTIONS FOR RESIDENTIAL AND MINOR RESIDENTIAL ROADS
- TOTAL LENGTH OF RESIDENTIAL COLLECTOR ROAD IS: 1381 FEET
- TOTAL LENGTH OF LOCAL RESIDENTIAL SUBDIVISION ROADS IS: 1191 FEET
- NC DOT DRAINAGE STANDARDS SHALL BE FOLLOWED IN DESIGN OF ROAD PIPE CROSSING AND ROAD SIDE DITCHES
- NC DOT SIGHT DISTANCE REQUIREMENTS SHALL BE FOLLOWED IN DESIGN OF ROADS BEFORE ANY CONSTRUCTION ACTIVITIES COMMENCE, DESIGN FOR EROSION AND SEDIMENTATION CONTROL SHALL BE PREPARED AND APPLICATION SHALL BE FILED WITH DENR, LAND QUALITY DIVISION AND PERMIT FOR GRADING OBTAINED.
- ROAD DESIGNATED FOR STATE MAINTENANCE SHALL BE DESIGNED TO NC DOT STANDARDS, REVIEWED AND APPROVED BY NC DOT BEFORE ANY ROAD CONSTRUCTION COMMENCES.
- PRELIMINARY INVESTIGATION SHOWS MINIMUM WETLAND IMPACT. DURING DESIGN OF ROAD ALL WETLAND AREA SHALL BE DELINEATED BY WETLAND PROFESSIONAL. APPLICATIONS TO ARMY CORPS AND STATE DIVISION OF WATER QUALITY FILED AND PROPER PERMITS ACQUIRED BEFORE ANY WORK ON ROAD CONSTRUCTION COMMENCES.
- TOPOGRAPHICAL CONTOUR ARE IN 5' INTERVALS. TOPOGRAPHICAL INFORMATION IS BASED ON LIDAR AS MADE AVAILABLE BY THE CHATHAM COUNTY GEOGRAPHIC INFORMATION SYSTEM (GIS). DURING DETAIL DESIGN OF ROADS ACTUAL SURVEY SHALL BE PERFORMED FOR STREAM CROSSINGS AND ALL INTERMITTENT AND BLUE LINE STREAMS.
- PROPERTY IS LOCATED IN WATERSHED OVERLAY DISTRICT: WS IV PROTECTIVE AREA.
- PROPERTY IS SHOWN ON FLOOD INSURANCE MAP NO. 37109755 J001 STAMPED AS PRELIMINARY AND DATED JULY 13, 2005.
- THERE IS COUNTY WATER SUPPLY AVAILABLE AT THE INTERSECTION OF TOBACCO ROAD AND JAMESTOWN ROAD. IT IS THE INTENTION OF OWNERS TO REQUEST CHATHAM COUNTY APPROVAL TO CONNECT SUBDIVISION TO COUNTY WATER. LOTS IN SUBDIVISION WILL BE SERVED WITH PRIVATE SEPTIC TANK AND SEPTIC FLOW LINES.
- SUBMITTED WITH SUBDIVISION PLAN A PRELIMINARY SOIL REPORT AND SOIL MAP SHOWING AREA OF SUITABLE PERK SOILS AND AREAS OF PROVISIONALLY SUITABLE

LARRY M. & MARTHA SMITH
DB 454 PG 660
PS 37-383
PARCEL #1689
PIN 9755.59.1369

PROPOSED ABANDONMENT AND REALIGNMENT OF ROAD'S END PRIVATE EASEMENT IN PHASE 2

BLANCHE W. NORWOOD
DB 2000E PG 40
PS 37-393
PARCEL #1731
PIN 9755.57.2282

BLANCHE W. NORWOOD
DB 2000E PG 40
PS 37-393
PARCEL #1731
PIN 9755.57.2282

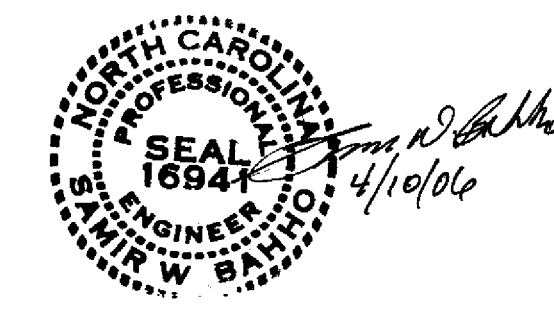


BASE FLOOD ELEVATION "BFE" AS MAPPED BY FEMA MAP No. 37109755 J001 DATED JULY 13, 2005 (TYPICAL)

LIMIT OF YEAR FLOOD ZONE "AE" AS MAPPED BY FEMA MAP No. 37109755 J001 DATED JULY 13, 2005

BASE FLOOD ELEVATION "BFE" AS MAPPED BY FEMA MAP No. 37109755 J001 DATED JULY 13, 2005 (TYPICAL)

LIMIT OF YEAR FLOOD ZONE "AE" AS MAPPED BY FEMA MAP No. 37109755 J001 DATED JULY 13, 2005



THIS SKETCH DESIGN PLAN IS FOR CHATHAM COUNTY REVIEW AND NOT FOR CONSTRUCTION.

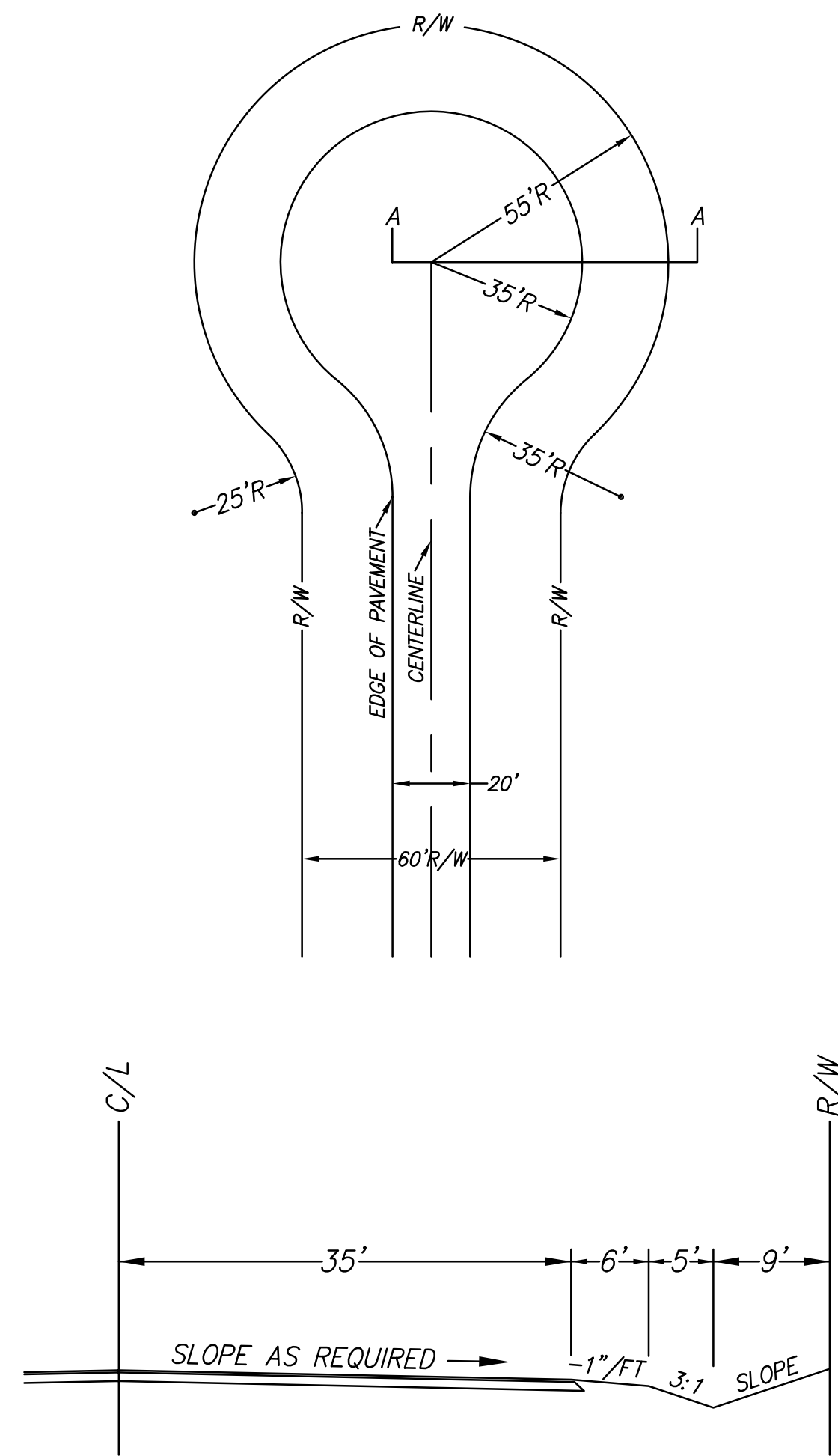
PRELIMINARY
DO NOT USE FOR CONSTRUCTION

SAMIR W. BAHHO, PE
 STRUCTURAL and CIVIL ENGINEERING
 4612 KAPLAN DRIVE
 RALEIGH, NORTH CAROLINA 27606
 (919) 857-1860 (fax)

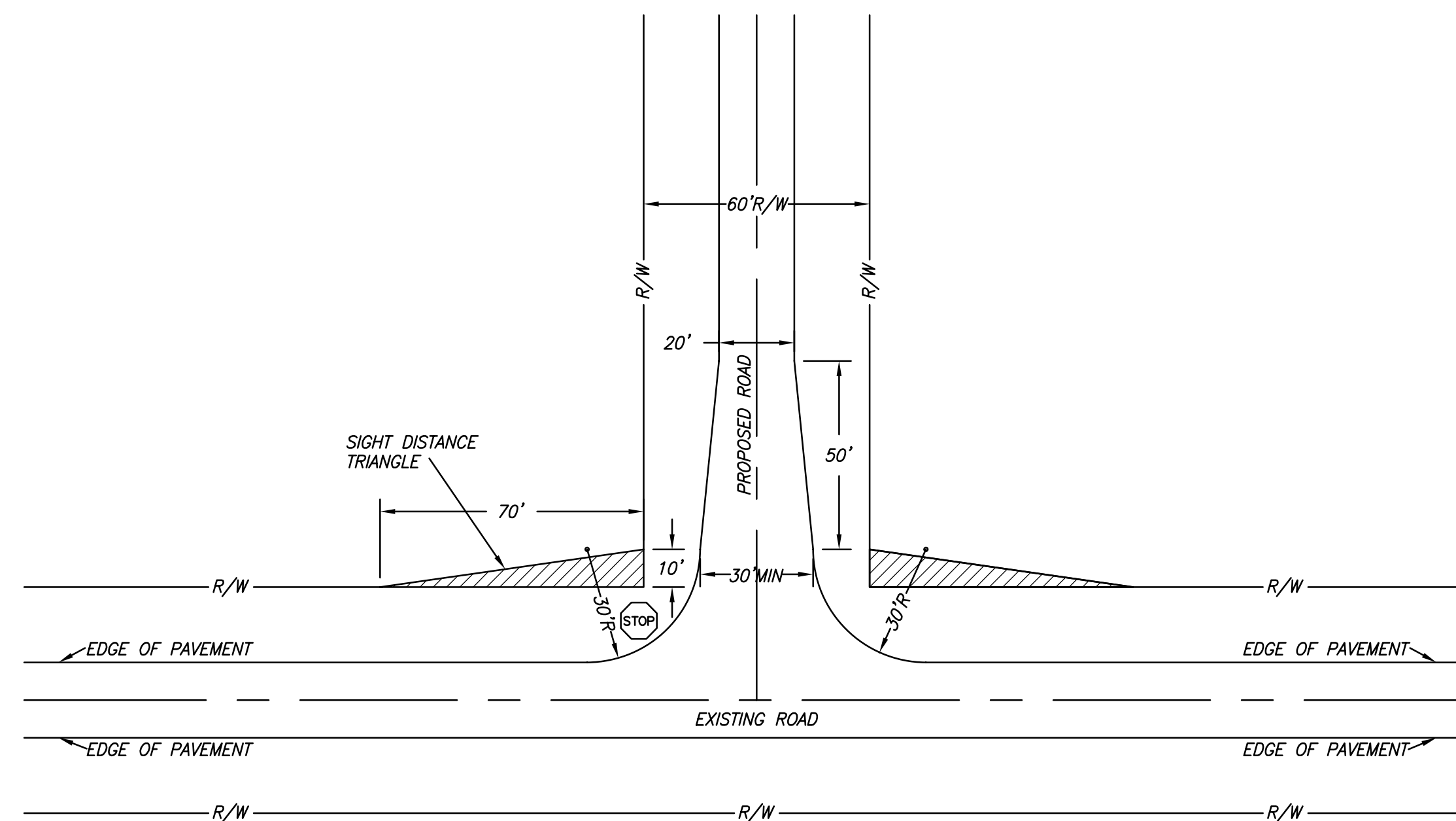
PROJECT: THE WOODS AT WILKINSON CREEK SUBDIVISION SKETCH PLAN
 BALDWIN TOWNSHIP NORTH CAROLINA
 WILKINSON CREEK, LLC CHATHAM COUNTY
 SUBDIVISION SKETCH DESIGN PLAN

NO.	DATE	DESCRIPTION

DATE: 04.10.06 SCALE: 1" = 100'
 DESIGNED: SWB CHECKED: SWB
 DRAWN: SWB APPROVED: SWB
 REB: SWB
 SHEET: 1 OF 2
 CAD FILE: BASE
 PROJECT NO: 2006-1

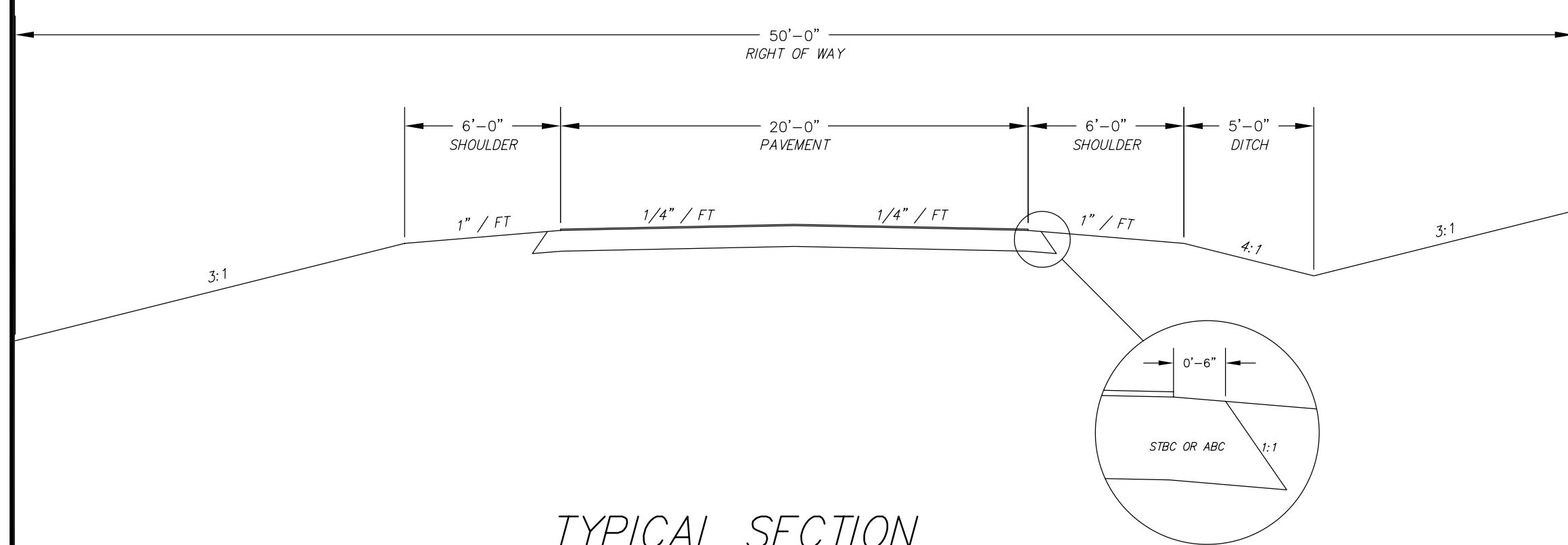
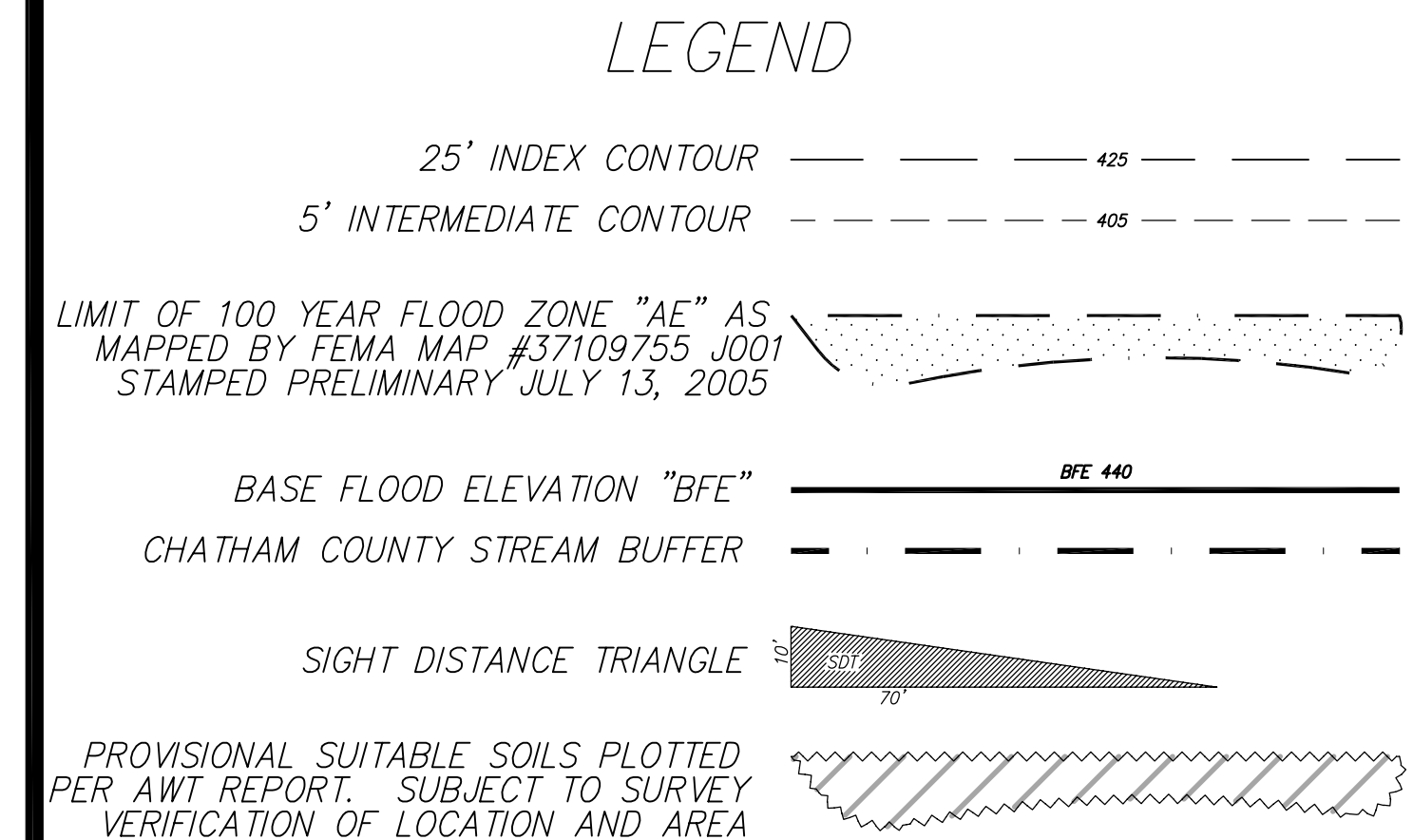


SECTION AA
ALL CUL-DE-SAC ROADS



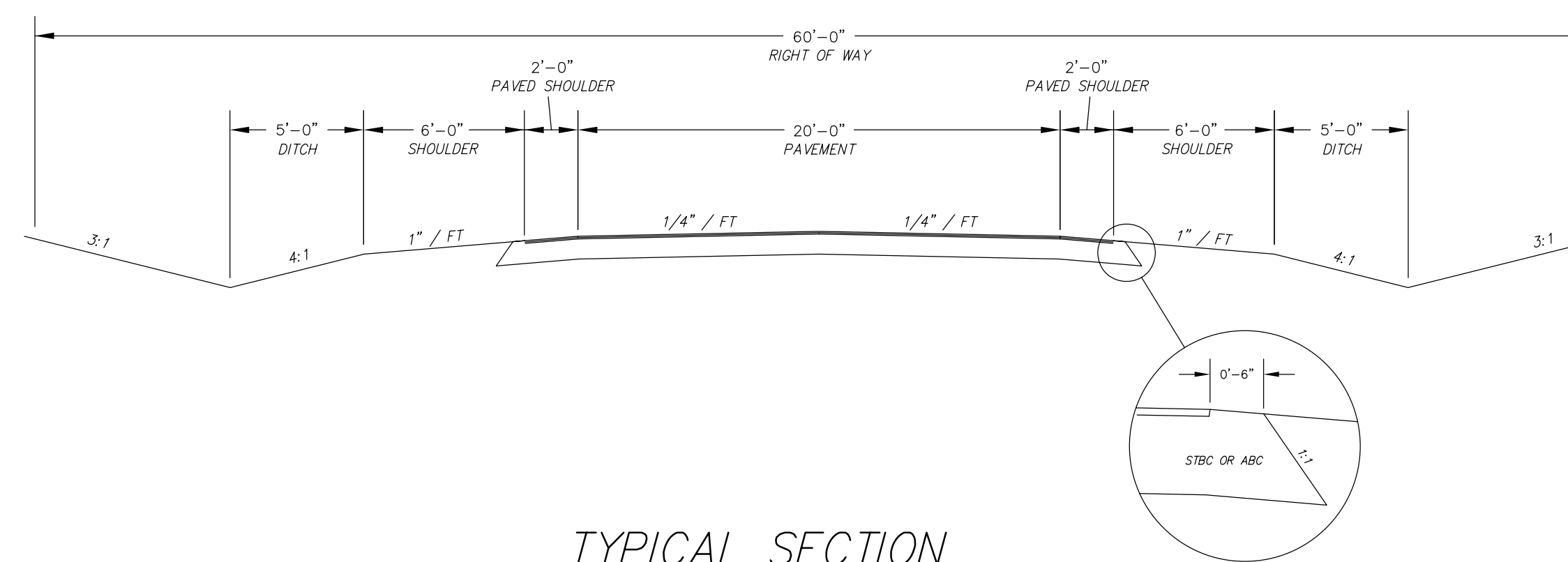
NEW LOCAL RESIDENTIAL ROAD OR COLLECTOR ROAD
AND EXISTING STATE MAINTAINED ROAD
WITHOUT CURB AND GUTTER

STOP CONDITION



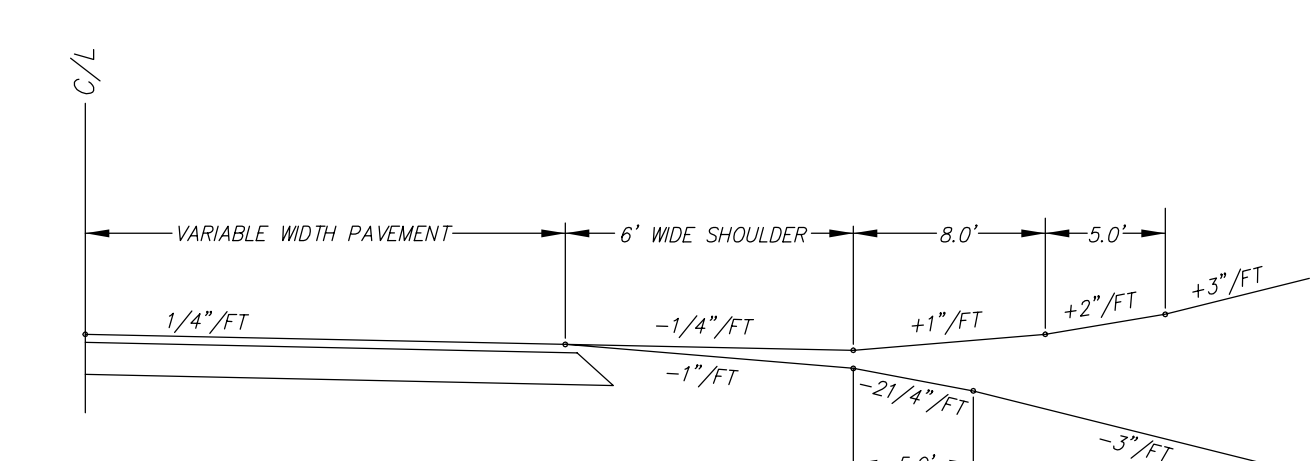
TYPICAL SECTION
50' R/W

8" ABC
2" - 9.5 SUPERPAVE MIX

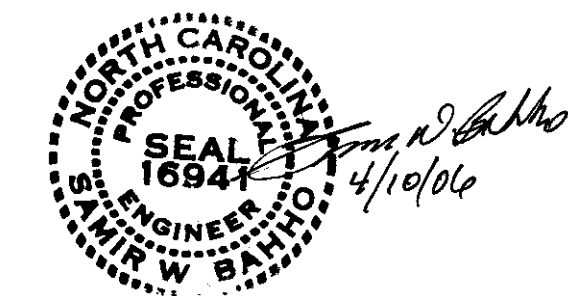


TYPICAL SECTION
60' R/W

8" ABC
2" - 9.5 SUPERPAVE MIX



SHOULDER SECTION
DRIVEWAY TURNOUT GRADES



PRELIMINARY
DO NOT USE FOR CONSTRUCTION

PROJECT: THE WOODS AT WILKINSON CREEK SUBDIVISION SKETCH PLAN
 WILKINSON CREEK, LLC
 CHATHAM COUNTY, NORTH CAROLINA
 BALDWIN TOWNSHIP
 SHEET: SKETCH PLAN DETAIL SHEET
 PROJECT NO: 2006-1
 DESIGNER: SWB
 CHECKER: SWB
 DATE: 04.10.06
 SCALE: AS NOTED
 APPROVED: SWB
 DATE: 4/10/06