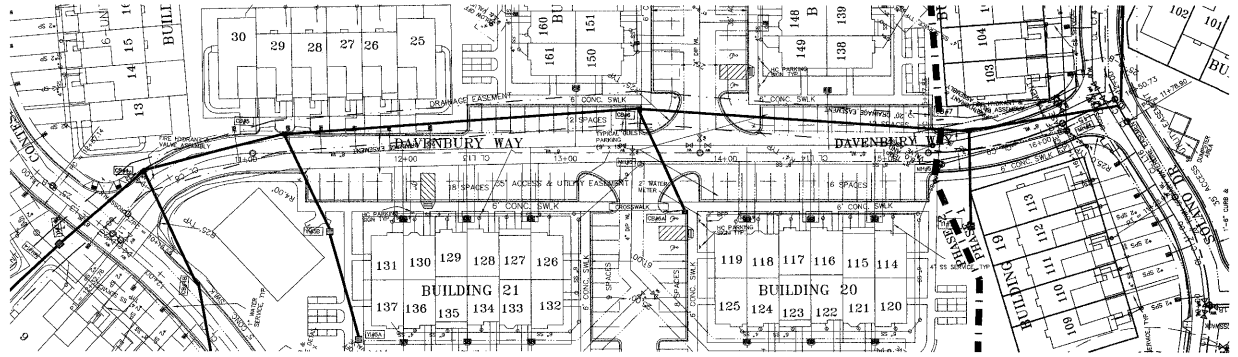
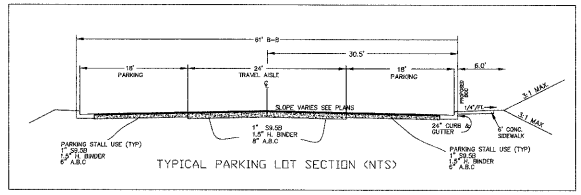
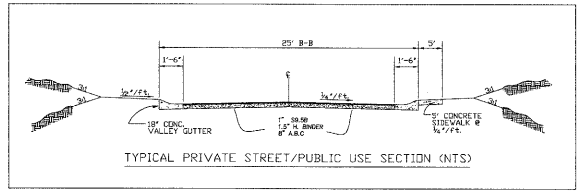
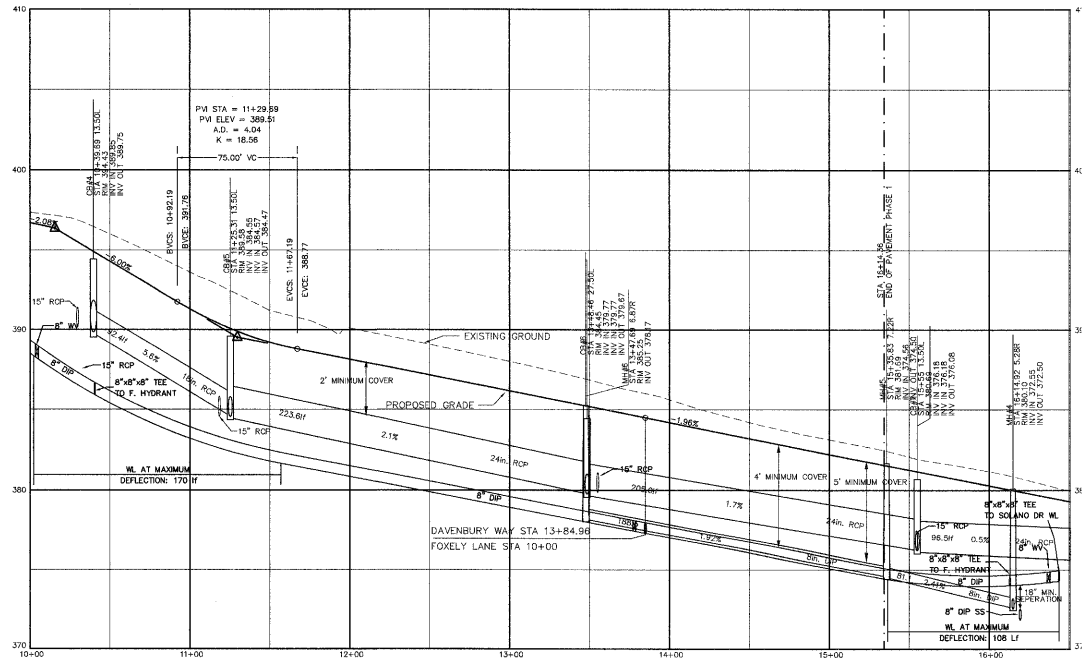


DAVENBURY WAY (PRIVATE)
STA. 10+00 – STA. 16+50.64
SCALE 1" = 40'





DAVENBURY WAY (PRIVATE)
STA. 10+00 – STA. 16+50.64
HORZ. SCALE 1" = 40' VERT. SCALE 1" = 4'



GENERAL CONSTRUCTION NOTES

1. ALL DIMENSIONS SHOWN ARE TO THE BACK OF CURB, UNLESS OTHERWISE INDICATED ON THE PLANS. CONTACT THIS FIRM FOR A LISTING OF COORDINATES FOR ALL PARKING LOTS AND BUILDING CORNERS.
2. ALL CURB AND GUTTER SHOWN WITHIN THE SITE IS STANDARD 18", 30" WITHIN RIGHT- OF WAY.
3. CURBING ALONG FIRE LANES SHALL BE PAINTED YELLOW AND MARKED ACCORDINGLY. AREAS TO BE MARKED AS SUCH SHALL BE DETERMINED BY ONSITE INSPECTION BY THE CARY FIRE DEPARTMENT UPON COMPLETION OF THE PROPOSED IMPROVEMENTS.
4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT TOWN OF CARY STANDARD SPECIFICATIONS AND DETAILS.
5. ALL EXTERIOR LIGHTING SHALL BE DESIGNED TO PREVENT OFF-SITE GLARE.
6. WATER AND SEWER DEVELOPMENT FEES ARE DUE PRIOR TO ISSUANCE OF BUILDING PERMIT.
7. IT IS THE RESPONSIBILITY OF THE OWNER/ENGINEER TO SECURE THE FOLLOWING PERMIT AFTER TOWN COUNCIL APPROVAL: THE TOWN OF CARY GRADING PERMIT AND OTHER PERMITS THE PROJECT MAY REQUIRE.
8. A CERTIFICATE OF INSURANCE TO VERIFY WORKERS COMPENSATION INSURANCE AND A COMPLIANCE VERIFICATION FORM MUST BE COMPLETED BEFORE AN ENVIRONMENTAL PERMIT WILL BE ISSUED.
9. A PRE-CONSTRUCTION AND A POST-CONSTRUCTION CONFERENCE BEFORE AN ENVIRONMENTAL PERMIT IS ISSUED.
10. THE CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO THE COMMENCEMENT OF GRADING ACTIVITIES. CONTACT ULOCO AT 1-800-632-4949 FOR FIELD LOCATION OF UNDERGROUND UTILITIES.
11. ALL PAVEMENT SHALL BE 2" I-2 & 6" ABC STONE FOR TRAVEL AISLES AND 2" I-2 & 6" ABC STONE FOR PARKING STALLS.
12. UNLESS OTHERWISE NOTED, ALL SPOT ELEVATIONS ARE TOP OF ASPHALT OR FINISH SURFACE.
13. SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR BUILDING DIMENSIONS AND FEATURES.
14. SEE PLUMBING PLANS FOR LOCATION AND SIZE OF ROOF DRAINS, WATER LINES AND SEWER LINES.
15. SEWER LATERALS SHALL BE PLACED AT A MINIMUM SLOPE OF 1% ON 4" LINES AND 0.6% ON 6" LINES. CLEANOUTS SHALL BE PLACED AT A MAXIMUM SPACING OF 75' ON 4" LINES AND 100' ON 6" LINES.
16. THE SLOPE OF HANDICAP PARKING SPACES SHALL NOT EXCEED 1/4" PER FOOT.
17. SEE SHEETS 21-24 FOR SITE CONSTRUCTION DETAILS.
18. AN UNLIFTED DRIVEWAY MUST BE CLOSED IN ACCORDANCE WITH THE TOWN OF CARY'S DRIVEWAY ORDINANCE.
19. ALL VENT STACKS EXTENDING ABOVE THE ROOF SURFACE MUST BE PAINTED TO EXTERIOR WALL OR THE ROOF COLOR.
20. THERE ARE NO WETLAND ASSOCIATED WITH THIS PROJECT.
21. ALL STORM DRAINS AND INLETS ON SITE SHALL BE STAMPED WITH "DRAINS TO RIVER" IN ACCORDANCE WITH TOWN OF CARY STANDARDS.
22. STREETS IN FRONT OF THIS PROJECT SHALL BE KEPT CLEAN AT ALL TIMES OR A WASH STATION SHALL BE REQUIRED.
23. THIS PROJECT WILL MEET ALL OF THE REQUIREMENTS REALTIVE TO BEST MANAGEMENT PRACTICES AND ENGINEERED STORM WATER CONTROL STRUCTURES AS OUTLINED IN THE TOWN OF CARY UNIFIED DEVELOPMENT ORDINACE (CHAPTER 4, PART 4.6, UDO).
24. IF THERE WILL BE A WASH FACILITY ON SITE A CONNECTION TO SANITARY SEWER AND A COVERED DUMPSTER SITE WILL BE REQUIRED.
25. ALL RISER BARREL STRUCTURES AND BARRELS MUST BE ON SITE BEFORE THE GRADING PERMIT IS ISSUED.
26. THE WATERSHED FOR THIS SITE IS CRABTREE CREEK.

UTILITY SEPARATION:
1. WATER & SEWER MAINS:
   a) MINIMUM LATERAL SEPARATION= 10'
   b) SEPARATE DITCHES WITH 18" MIN. VERTICAL SEPARATION.
2. WATER & STORM DRAIN LINES- 12" MIN VERTICAL SEPARATION.
3. SANITARY SEWER & STORM DRAIN LINES- 12" MIN VERTICAL SEPARATION.
4. MINIMUM COVER OVER WATER MAINS- 3.0'
5. MINIMUM COVER OVER SEWER MAINS:
   - WITHIN TRAFFIC BEARING AREA- 5'
   - WITHIN NON-TRAFFIC BEARING AREA- 3'

LINE TABLE

LINE	LENGTH	BEARING
CL L1	75.00	S59°37'04"E
CL L2	0.47	S88°31'07"E
CL L3	47.91	S81°31'37"E
CL L4	50.70	S46°48'13"W
CL L5	248.67	S57°26'04"W
CL L6	86.92	S57°26'04"W
CL L7	90.76	S82°07'20"W
CL L8	16.90	S84°19'25"W
CL L9	151.36	S84°19'29"W
CL L10	41.66	N43°18'54"W
CL L11	67.99	N25°01'54"W
CL L12	13.55	S08°28'23"W
CL L13	279.84	S59°52'26"W
CL L14	142.87	S59°52'26"W
CL L15	36.28	S35°55'10"W
CL L16	55.82	S62°28'43"E
CL L17	48.82	S05°40'31"E
CL L18	29.10	S57°25'05"W
CL L19	169.86	S66°23'26"W
CL L20	229.85	N30°07'32"W

CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	CHORD BIST
CL C1	157.73	412.50	21°54'35"	79.84	S70°34'21"E	156.77
CL C2	274.92	122.21	128°52'26"	255.59	N07°21'48"W	220.51
CL C3	59.93	212.50	15°31'27"	30.17	N53°13'57"E	59.76
CL C4	96.07	212.50	25°54'19"	48.87	N65°19'15"E	95.25
CL C5	170.79	187.50	52°11'19"	91.83	S69°24'34"E	164.94
CL C6	54.06	212.50	14°34'36"	27.17	S36°10'39"E	53.91
CL C7	10.64	212.50	02°52'28"	5.32	S27°23'10"E	10.64
CL C8	89.58	102.11	50°15'52"	47.96	N34°18'25"E	86.73
CL C9	86.53	200.00	24°47'18"	43.95	S47°28'49"W	85.85
CL C10	11.04	137.50	04°36'08"	5.53	S08°53'36"E	11.04
CL C11	51.32	137.50	21°23'15"	25.97	S21°53'17"E	51.03
CL C12	71.75	137.50	29°53'50"	36.71	S47°21'59"E	70.94
CL C13	16.15	112.56	08°13'34"	8.09	N59°21'58"W	16.14
CL C14	95.72	112.56	48°44'58"	50.97	N29°52'48"W	92.86
CL C15	31.32	200.00	08°58'17"	15.69	N61°54'14"E	31.28

06-SP-101-A
APPROVED
TOWN OF CARY
Approved by DRC Date 1-28-08
Planning RP Date 1-28-08
Engineering SS Date 3/20/08

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 26951 HAROLD A. AYELE, III
11/19/07

SHEET 16 OF 24

Aiken & Yelle Associates, PA
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DRAWN BY: AJK
CHECKED BY: HAY
SCALE: 1" = 40'
DATE: 09/20/07
REVISIONS:
1/21/07
11/19/07

DAVENBURY WAY PLAN & PROFILE
STA 10+00 – STA 16+50.64

WEATHERFIELD TOWNHOMES – PHASE 1
AT HAVEN SITE COURT PDD
CARY, NORTH CAROLINA

07-057

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