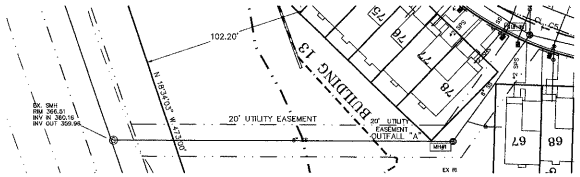
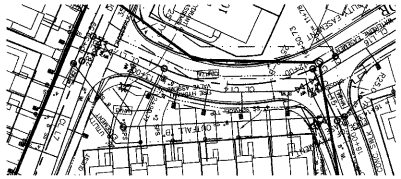
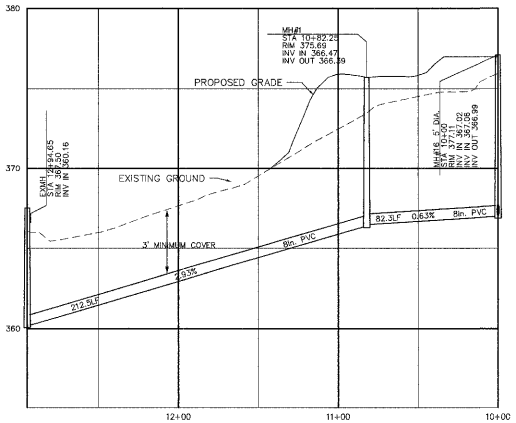


OUTFALL "A"
STA. 10+00 – STA. 12+92.44
SCALE 1" = 40'

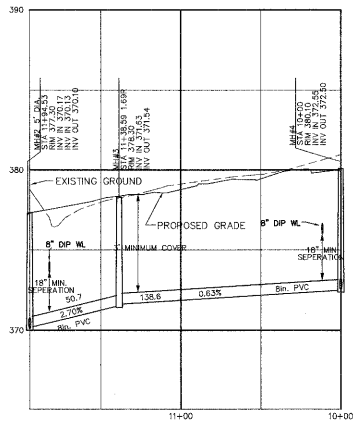


OUTFALL "B"
STA. 10+00 – STA. 11+95.77
SCALE 1" = 40'

OUTFALL "A"
STA. 10+00 – STA. 12+92.44
HORZ. SCALE 1" = 40' VERT. SCALE 1" = 4'



OUTFALL "B"
STA. 10+00 – STA. 11+95.77
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 LS", 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. THESE MAY INCLUDE, BUT ARE NOT LIMITED TO, EROSION CONTROL, NPDES, WETLAND AND A COMPLIANCE STATEMENT FOR FEMA FLOODPLAIN COMPLETED BEFORE AN ENVIRONMENTAL PERMIT WILL BE ISSUED.
8. THIS PROJECT MAY REQUIRE A PRE 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, AND ROOF DRAIN LINES.
15. SEWER LATERALS SHALL BE PLACED AT A MINIMUM SLOPE OF 1% ON 4" LINES AND 0.5% 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 UNUSED DRIVEWAY MUST BE CLOSED IN ACCORDANCE WITH THE TOWN OF CARY'S DRIVEWAY ORDINANCE.
19. ALL VENT PIPES, ETC. EXTENDING ABOVE THE ROOF SURFACE MUST BE PAINTED A COLOR THAT BLENDS WITH THE ROOF COLOR.
20. THERE ARE NO WETLAND ASSOCIATED WITH THIS PROJECT.
21. ALL STORM DRAINS AND HOODS 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 RELATIVE TO BEST MANAGEMENT PRACTICES AND ENGINEERED STORM WATER CONTROL STRUCTURES AS OUTLINED IN THE TOWN OF CARY UNIFIED DEVELOPMENT ORDINANCE (CHAPTER 4, PART 4.6, 120).
24. IF THERE WILL BE A TRASH COMPACTOR ON THE 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'

06-SP-101-A
APPROVED
TOWN OF CARY
Approved by CRC Date 1-28-08
Planning BPS Date 4-1-08
Engineering SS Date 3/20/08

NORTH CAROLINA
SEAL
24051
ENGINEER
RANDALL A. YELLE
11/19/07

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

SHEET 19 OF 24

Aiken & Yelle Associates, PA
Professional Engineers & Land Surveyors
3765 Benson Drive
Raleigh, North Carolina 27609
Phone: 919-872-0115 FAX: 919-872-6979
email: AYE@BELLSOUTH.NET

DRAWN BY: AJK
CHECKED BY: HAY
SCALE: 1" = 40'
DATE: 09/20/07
REVISIONS: 11/19/07

PLAN & PROFILE OUTFALL "A" & "B"

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

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