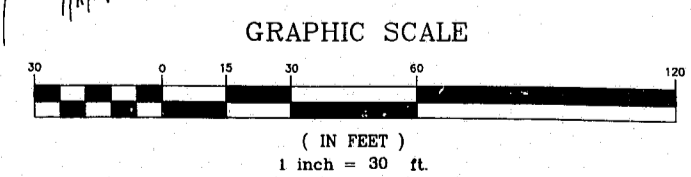
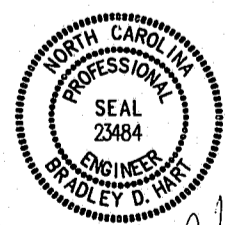


- GENERAL NOTES - WATER & SEWER**
- 1) ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF CARY STANDARDS, SPECIFICATIONS AND DETAILS LATEST EDITION.
 - 2) CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE LOCATION OF EXISTING UTILITIES SHOWN ON PLANS IS BASED ON THE BEST AVAILABLE INFORMATION BUT CAN BE CONSIDERED ONLY AS APPROXIMATE.
 - 3) ALL MANHOLES LOCATED OUTSIDE OF PAVEMENT AREAS SHALL HAVE A RIM ELEVATION 1 FOOT ABOVE FINISHED GRADE.
 - 4) SANITARY SEWER SERVICES SHALL BE INSTALLED WITH A MINIMUM COVER OF 3 FEET IN NON-TRAFFIC AREAS OR PIPE SHALL BE FERROUS MATERIAL.
 - 5) SANITARY SEWER SERVICES SHALL BE PROVIDED WITH A MINIMUM COVER OF 4 FEET BELOW FINISH SUBGRADE IN TRAFFIC AREAS OR SHALL BE OF FERROUS MATERIAL.
 - 6) SEWER SERVICES INSTALLED WITH A DEPTH OF COVER OF 14 FEET TO 20 FEET SHALL REQUIRE CLASS 1 BEDDING FROM 4 INCHES BELOW THE SERVICE TO 4 INCHES OVER THE SERVICE LINE. SEWER MAINS AND SERVICES INSTALLED WITH A DEPTH OF COVER OVER 20 FEET SHALL REQUIRE DUCTILE IRON PIPE FOR THE ENTIRE RUN BETWEEN MANHOLES OR CLEANOUTS.
 - 7) MINIMUM SLOPE FOR SANITARY SEWER SERVICES SHALL BE 0.6% FOR 6 INCH SEWER SERVICES. CLEANOUTS SHALL BE PROVIDED AS SHOWN ON THE PLANS BUT SHALL BE SPACED AT NO GREATER THAN 100 LF FOR 6 INCH SERVICES. ALL CLEANOUTS SHALL EXTEND A MINIMUM OF 6 INCHES ABOVE FINISH GRADE OR MEET THE OPTIONAL CLEANOUT REQUIREMENT METHODS AS SPECIFIED IN CARY STANDARD 7.01. CLEANOUTS LOCATED IN PAVED AREAS MUST HAVE CAST IRON RISERS, FITTINGS AND BRASS CAP. WATER MAINS SHALL BE LAID AT LEAST 10 FEET LATERALLY MEASURED EDGE TO EDGE FROM EXISTING OR PROPOSED SANITARY OR STORM SEWER UNLESS THE ELEVATION OF THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER WITH THE HORIZONTAL SEPARATION OF AT LEAST 3 FEET WHERE WATER MAIN AND SANITARY SEWER CROSS, AND THE VERTICAL SEPARATION IS LESS THAN 18 INCHES OR WHERE THE WATERLINE PASSES UNDER THE SANITARY SEWER, THE SEWER MAIN SHALL BE DUCTILE IRON PIPE.
 - 8) ALL WATER MAINS 4 INCHES AND LARGER SHALL BE DUCTILE IRON PIPE. WATER SERVICES SHALL BE TYPE "K" COPPER TUBE SERVICE (CTS) BETWEEN THE MAIN AND THE METER OR END OF THE TOWN MAINTENANCE AS INDICATED BY EASEMENTS. WATER SERVICES BETWEEN THE METER OR END OF TOWN MAINTENANCE AND THE POINT OF TERMINATION SHOWN ON THE PLANS SHALL BE AS SPECIFIED ON THE PLANS. WHERE A SERVICE TERMINATES FOR CONTINUATION BY A PLUMBING CONTRACTOR, CAPPING SHALL BE PROVIDED IN COORDINATION WITH THE NEXT CONTRACTOR SO THAT THE EXTENSIONS CAN BE MADE WITHOUT RETESTING OR RECERTIFICATION.
 - 9) WATER SERVICE IS TO BE TERMINATED 5' OUTSIDE OF BUILDING FOR CONTINUATION BY PLUMBING CONTRACTOR.
 - 10) WATER MAINS SHALL BE INSTALLED WITH A MINIMUM COVER OF 4 FEET MEASURED FROM THE TOP OF THE PIPE TO THE FINISHED SUBGRADE. WHERE THE STATIC WATER PRESSURE IS IN EXCESS OF 80 PSI, A PRESSURE REDUCING VALVE SHALL BE PROVIDED INSIDE THE BUILDING IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLUMBING CODE.
 - 11) CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLANS IS BASED ON THE BEST AVAILABLE INFORMATION BUT CAN BE CONSIDERED ONLY AS APPROXIMATE.
 - 12) SANITARY SEWER FLOW=16 DU X 3 BR/DU = 120 GPD/BR = 5,760 GPD

01-SP-027
APPROVED
 08/17/01
 TS 7-16-01

Bradley D. Hart
 7/16/01



ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT TOWN OF CARY STANDARD SPECIFICATIONS AND DETAILS

Revisions			
No.	Description	Date	By
1.	PER ITC REVIEW	4/18/01	BDH
2.	LOOPED WATER MAIN, REVISED TO ALL 6"	7/10/01	BDH

WALDO STREET TOWNES
 CARY, NC