

KEY NOTES

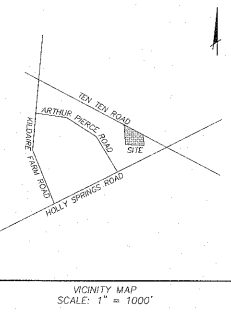
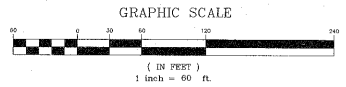
- (A) FIRE HYDRANT ASSEMBLY, SEE DETAIL SHEET C9.03
- (B) THRUST BLOCKING, TYP. SEE DETAIL SHEET C9.03
- (C) 4" DIAMETER SANITARY SEWER MANHOLE, SEE DETAIL SHEET C9.04
- (D) EXTEND SERVICE TO WITHIN 5'-0" OF BUILDING WALL. REFER TO PLUMBING PLANS FOR EXACT LOCATION AND INVERT ELEVATION.
- (E) EXTEND WATER MAIN TO 12-IN ABOVE FINISH FLOOR FOR FIRE PROTECTION CONNECTION, SEE DETAIL SHEET C9.03
- (F) BORE AND JACK STEEL ENCASMENT PIPE, SEE DETAIL SHEET C9.03
- (G) 3" WATER METER, SEE DETAIL C9.03
- (H) GATE VALVE AND VALVE BOX, SEE DETAIL SHEET C9.03
- (I) TAPPING SLEEVE AND VALVE ASSEMBLY, SEE DETAIL SHEET C9.03
- (J) POST INDICATOR VALVE, SEE DETAIL SHEET C9.03
- (K) CLEANOUT, SEE DETAIL SHEET C9.04
- (L) LIGHT POLE BY PROGRESS ENERGY (TYPICAL) COORDINATE INSTALLATION WITH PROGRESS ENERGY, SEE SHEET C9.03.
- (M) FIRE DEPARTMENT CONNECTION, SEE DETAIL C9.03
- (N) AIR RELEASE VALVE, SEE DETAIL SHEET C9.03

GENERAL NOTES

1. ALL WATER LINES SHALL BE INSTALLED WITH A MINIMUM OF 4'-FT OF COVER.
2. ALL WATER AND SEWER CONSTRUCTION METHODS, MATERIALS AND TESTING SHALL BE IN ACCORDANCE WITH THE TOWN OF CARY STANDARD SPECIFICATIONS AND DETAILS.
3. COORDINATE INSTALLATION OF ALL UTILITIES WITH OTHER TRADES AND UTILITY COMPANIES. VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
4. ALL SANITARY SEWER MAINS SHALL BE INSTALLED WITH A MINIMUM OF 3'-FT OF COVER IN HIGH-TRAFFIC AREAS AND 4'-FT OF COVER IN TRAFFIC AREAS.
5. ALL UTILITIES SHALL HAVE A MINIMUM VERTICAL SEPARATION OF 18-IN BETWEEN OTHER UTILITIES.
6. SANITARY SEWERS SHALL BE INSTALLED 10'-FT LATERALLY FROM WATER MAINS UNLESS THE TOP OF SANITARY SEWER MAIN IS 18-IN BELOW THE BOTTOM OF THE WATER MAIN WITH A HORIZONTAL SEPARATION OF 3'-FT MINIMUM.
7. EXTEND WATER AND SEWER SERVICES TO WITHIN 50' OF BUILDING. PROVIDE FITTINGS NECESSARY FOR CONNECTIONS TO BUILDING UTILITIES. SEE PLUMBING PLANS.
8. REPAIR OF SURFACES, INCLUDING PAVEMENT PATCHING, SHALL BE INCLUDED IN BASE BID FOR UTILITY INSTALLATIONS.
9. THE CONTRACTOR SHALL PROVIDE ENGINEER WITH AS BUILT SURVEYS OF THE UTILITIES ONCE UTILITY CONSTRUCTION IS COMPLETE AT THE END OF EACH PHASE.
10. THE DEVELOPER WILL BE RESPONSIBLE FOR ALL INSTALLATION COSTS ASSOCIATED WITH STREET LIGHTING ALONG PROPOSED STREETS, ADJACENT STREETS AND THOROUGHFARES AS REQUIRED PER TOWN OF CARY POLICY STATEMENT NO. 13. THE DEVELOPER SHALL CONTACT PROGRESS ENERGY AFTER PLAN APPROVAL AND PRIOR TO CONSTRUCTION IN ORDER TO DEVELOP A STREET LIGHTING PLAN FOR THE SITE/SUBDIVISION PLANS.

UTILITY LEGEND

	EXISTING	PROPOSED
ELECTRICAL (OVERHEAD)	---	E
ELECTRICAL (UNDERGROUND)	---	UE
FOUNDATION DRAIN	---	FD
GAS	---	G
SANITARY SEWER	---	SS
TELEPHONE (OVERHEAD)	---	T
TELEPHONE (UNDERGROUND)	---	UT
WATER	---	W
ROOF DRAIN	---	RD
FORCE MAIN (SEWER)	---	FM
FIRE PROTECTION	---	FP
PLANTER DRAIN	---	PD
CHILLED WATER	---	CW
STORM DRAIN	---	---
LIGHT POLE	☆ LP	☆
UTILITY POLE	⊙ PP	⊙
MANHOLE	⊙ MH	●
CLEAN OUT	⊙ CO	⊙
DROP INLET/CATCH BASIN	⊙ DL CB	⊙
FIRE HYDRANT	⊙ FH	⊙
WATER VALVE	⊙ WV	⊙
POST INDICATOR VALVE	⊙	⊙
THRUST BLOCKING	⊙	⊙



SEALS

REVISIONS

DATE	BY	DESCRIPTION

CARY ALLIANCE CHURCH
4108 TEN TEN ROAD
CARY, NORTH CAROLINA

SITE UTILITY PLAN

C6.01

REVISIONS: JIC
 DESIGNED BY: CFS
 DRAWN BY: CFS
 DATE: 05/21/07
 PRODUCT NUMBER: 00-010

07-SP-015
APPROVED
TOWN OF CARY

Approved by: **DRC** Date: **05-21-07**
 Planning: **JSB** Date: **05-18-07**
 Engineering: **TS** Date: **05-21-07**