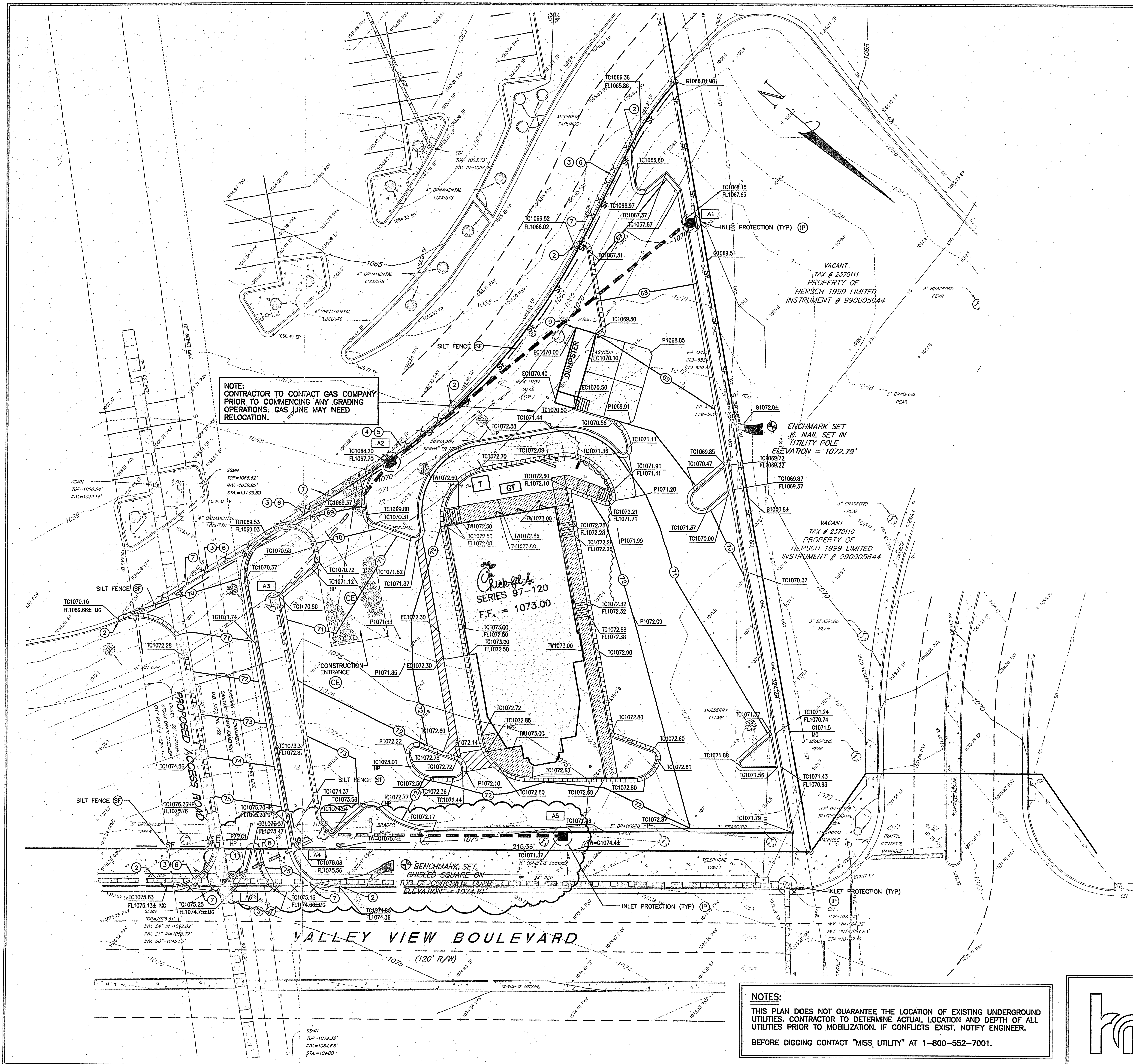
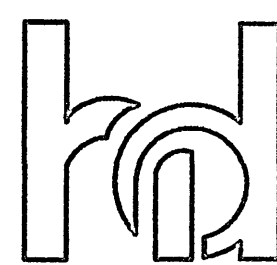




NOTE:
CONTRACTOR TO CONTACT GAS COMPANY
PRIOR TO COMMENCING ANY GRADING
OPERATIONS. GAS LINE MAY NEED
RELOCATION.

Chick-fil-A
SERIES 97-120
F.F. = 1073.00

NOTES:
THIS PLAN DOES NOT GUARANTEE THE LOCATION OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO DETERMINE ACTUAL LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO MOBILIZATION. IF CONFLICTS EXIST, NOTIFY ENGINEER.
BEFORE DIGGING CONTACT "MISS UTILITY" AT 1-800-552-7001.



- STORM DRAINAGE DESIGN NOTES:**
1. ADJUST RIM OF EXISTING STORM MANHOLE TO 1075.14 FEET TO MEET/MATCH PROPOSED GRADE.
 2. MEET EXISTING CURB AND GUTTER.
 3. REMOVE EXISTING CURB & GUTTER AS SHOWN TO INSTALL ENTRANCE.
 4. REMOVE EXISTING CURB & GUTTER AS SHOWN TO INSTALL STORM DRAINAGE.
 5. REPLACE EXISTING CURB & GUTTER WITH MATERIALS TO MATCH EXISTING.
 6. SEE DETAILS FOR TRAFFIC CONTROL REQUIRED TO INSTALL PROPOSED ENTRANCE.
 7. MEET/MATCH EXISTING PAVEMENT.
 8. PORTION OF EXISTING SIDEWALK TO INSTALL PROPOSED ENTRANCE.
 9. NOTCH FOR DRAINAGE.
 10. SEE DETAILS FOR TRAFFIC CONTROL.

STORM DRAINAGE STRUCTURE SCHEDULE:

A1	VDOT STANDARD D1-2A W/ (IP) (L=2'-6") RIM 68.15 INV 64.35
A2	VDOT STANDARD D1-3B W/ (IP) (L=4") RIM 68.20 INV 63.99
A3	VDOT STANDARD D1-3B W/ (IP) (L=4") RIM 70.86 INV 63.77
A4	VDOT STANDARD MANHOLE RIM 74.80 INV (15") 60.22
A5	VDOT STANDARD D1-2A W/ (IP) (L=2'-6") RIM 71.37 INV 67.37
A6	EXIST. SDMH RIM 75.14 INV (15") 59.99 INV (EX. 24") 62.82 INV (EX. 60") 45.25

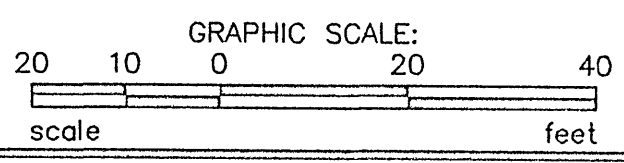
STORM DRAINAGE PIPE SCHEDULE:

A1 TO A2	159' - 15" RCP @ 0.23 % INV (UP) 64.35 INV (DN) 63.99
A2 TO A3	75' - 15" RCP @ 0.29 % INV (UP) 63.99 INV (DN) 63.77
A3 TO A4	102' - 15" RCP @ 1.52 % INV (UP) 63.77 INV (DN) 62.22
A5 TO A4	100' - 12" RCP @ 3.15 % INV (UP) 67.37 INV (DN) 64.22
A4 TO A6	46' - 15" RCP @ 0.50 % INV (UP) 60.22 INV (DN) 59.99

DEVELOPMENT PLAN APPROVED

Agent, Planning Commission: *[Signature]* Date: 5/17/01
Development Engineer: *[Signature]* Date: 5/17/01
Zoning Administrator: *[Signature]* Date: 5/17/01

Any changes to this approved plan must be coordinated with the Agent to the Planning Commission and revisions approved prior to construction.



HORTON & DODD, P.C.
Surveyors Engineers Planners
(757) 487-4535
300 George Washington Highway North Chesapeake, Virginia 23323

DES. BY: ERF/CJB	SCALE: 1"=20'	REFERENCE BOOK: 15762/SITE3-17	SHEET: 5
DRW. BY: MGH	DATE: 3-17-00	W.O. 15762	OF 13
CHK'D BY: SDH			

Project Date: *[Blank]*

Date	Revision
5/03/00	REVISED PER FIELD COMMENTS
4/25/00	APPROVED PER CITY LETTER, DATED 3-30-00.
3/27/00	REVISED PER FIELD CONDITIONS & DUMPSTER.
1/27/00	REVISED PER CITY OF ROANOKE & CFA COMMENTS. DATED 2-2-00.

4805 VALLEY VIEW BOULEVARD
ROANOKE, VIRGINIA

Series 97-120
5200 Buffington Road
Atlanta, Georgia 30349-2998
Telephone 404-765-8000

GRADING, DRAINAGE & EROSION AND SEDIMENT CONTROL PLAN

C3