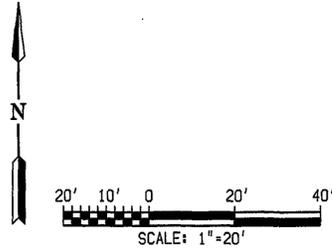




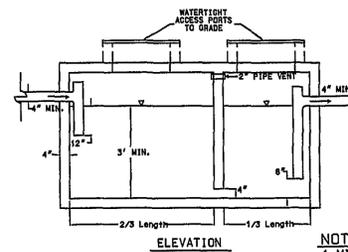
**IF YOU DIG VIRGINIA...
CALL US FIRST!
1-800-552-7001
MISS UTILITY OF VIRGINIA
IT'S THE LAW**



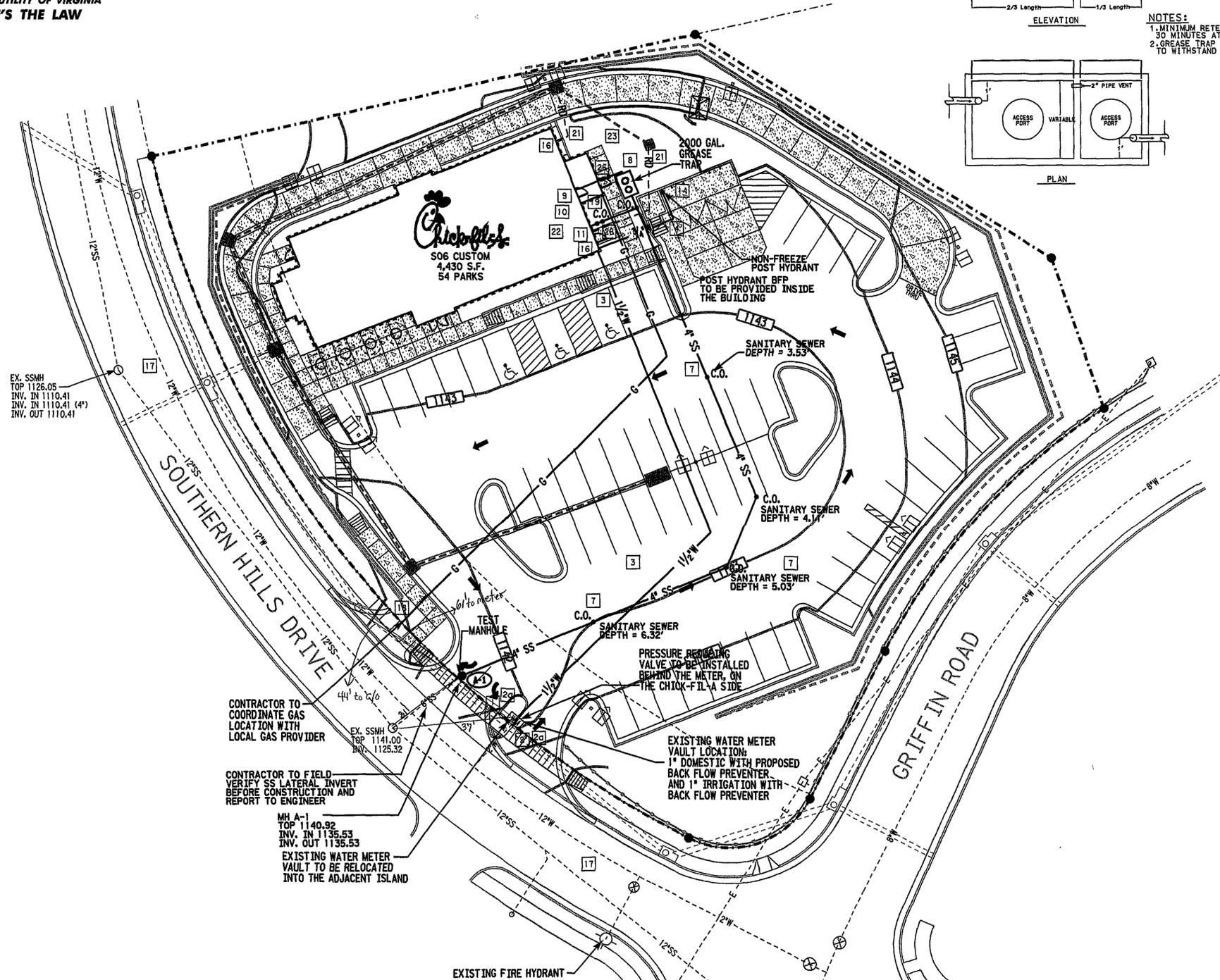
1. 2,000 GALLON GREASE INTERCEPTOR
2. GREASE INTERCEPTOR SHALL BE INSPECTED AND APPROVED BY WESTERN VIRGINIA WATER AUTHORITY PRIOR TO SITE RECEIVING WATER SERVICE CONNECTION.

FORTY-EIGHT(48) HOURS PRIOR TO INSTALLATION, THE CONTRACTOR SHALL COMPLETE THE FOLLOWING:
1. SUBMIT SHOP DRAWINGS TO CASSE ALTICE, 601 S. JEFFERSON STREET, SUITE 300, ROANOKE, VA 24011
2. CALL (540) 853-5698 TO SCHEDULE GREASE INTERCEPTOR INSPECTION SHALL OCCUR PRIOR TO CONTRACTOR COVERING THE GREASE INTERCEPTOR.

GREASE INTERCEPTOR DESIGN



NOTES:
1. MINIMUM RETENTION TIME SHOULD BE 30 MINUTES AT PEAK FLOW
2. GREASE TRAP SHOULD BE DESIGNED TO WITHSTAND TRAFFIC LOADS IF APPLICABLE.



EX. SSMH
TOP 1126.05
INV. IN 1110.41
INV. IN 1110.41 (4")
INV. OUT 1110.41

CONTRACTOR TO COORDINATE GAS LOCATION WITH LOCAL GAS PROVIDER

CONTRACTOR TO FIELD VERIFY SS LATERAL INVERT BEFORE CONSTRUCTION AND REPORT TO ENGINEER

MH A-1
TOP 1140.92
INV. IN 1135.53
INV. OUT 1135.53

EXISTING WATER METER VAULT TO BE RELOCATED INTO THE ADJACENT ISLAND

EXISTING FIRE HYDRANT

EXISTING		PROPOSED			
—G—	GAS	—G—	GAS	▲	FH
—W—	WATER	—W—	WATER	●	PIV
—F—	FIRE	—W—	WATER	□	PIV
—E—	ELECTRICITY	—E—	ELECTRICITY	▲	PIV
—T—	TELEPHONE	—T—	TELEPHONE	▲	PIV
—SS—	SANITARY SEWER	—SS—	SANITARY SEWER	▲	PIV
		○	THRUST BLOCK	▲	PIV
		○	FIRE HYDRANT ASSEMBLY	▲	PIV
		○	MANHOLE	▲	PIV
		○	CLEANOUT	▲	PIV
		○	POST INDICATOR VALVE	▲	PIV
		○	VALVE	▲	PIV
		○	STRUCTURE LABEL	▲	PIV
		○	WATER METER	▲	PIV
		○	LIGHTING	▲	PIV

UTILITY PLAN DESIGN NOTES AND KEY PLAN

THE CONTRACTOR SHALL PROVIDE THE NECESSARY FITTINGS TO CONNECT THE NEW SERVICE LINE EXTENSION TO THE EXISTING SEWER LATERAL/MAIN. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION, MATERIAL AND INVERT ELEVATION PRIOR TO INSTALLING ANY ON-SITE SEWER FACILITIES. MINOR ADJUSTMENTS TO THE NEW SERVICE LINE INVERT ELEVATION MAY BE NECESSARY DEPENDING UPON FIELD MEASUREMENTS.

CAUTION/WARNING:
THE CONTRACTOR SHALL USE EXTREME CAUTION TO PROPERLY SHEET, SHORE, AND Dewater EXCAVATION TO COMPLETE THE CONNECTION IN A SAFE MANNER, AND WITHOUT DAMAGE OR SETTLEMENT TO EXISTING FACILITIES, ROAD OR SHOPPING CENTER DRIVE. PROVIDE THE NECESSARY TRAFFIC CONTROL MEASURES TO PREVENT TRAFFIC FROM DRIVING TOO CLOSE TO THE EXCAVATIONS AND OTHER RELATED WORK AREAS.

1. PAY METER/TAPPING FEES FOR CITY OF ROANOKE TO PROVIDE 2" DOMESTIC WATER SERVICE TAP AND METER, IF REQUIRED. SEE DETAIL WMV-1
2. PAY METER/TAPPING FEES FOR CITY OF ROANOKE TO PROVIDE 1" IRRIGATION WATER SERVICE TAP AND METER. ON-SITE IRRIGATION LINES AND MATERIALS SHALL BE INSTALLED BY THE IRRIGATION CONTRACTOR AS INDICATED ON THE IRRIGATION PLAN. SEE DETAIL WD-03
- 2a. INSTALL 1" BACK FLOW PREVENTOR (IRRIGATION) (IF REQUIRED). INSTALL 1.5" BACK FLOW PREVENTOR (DOMESTIC) (IF REQUIRED), IN A HOT BOX.
3. INSTALL 1.5" TYPE K COPPER WATER SERVICE. PLUMBING CONTRACTOR TO COORDINATE WITH BUILDING CONTRACTOR.
4. 3/4" CW TO DUMPSTER POST HYDRANT
5. INSTALL 4" WASTEWATER SERVICE LATERAL. CONTRACTOR SHALL LOCATE EXISTING SERVICE LATERAL PRIOR TO TRENCHING AND MAKE CONNECTION.
6. 4" DIP WASTEWATER SERVICE LINE AT 2.0% (MIN.) SLOPE.
7. INSTALL 4" CLEAN OUT EVERY 75' MINIMUM. USE TRAFFIC RATED CLEANOUT IN ALL PAVEMENT AREAS AS REQUIRED.
8. PRECAST 2000 GAL. CAPACITY GREASE TRAP. PLUMBING CONTRACTOR SHALL COORDINATE WITH BUILDING CONTRACTOR. TOP OF MANHOLE TO BE 0.2' ABOVE FINISH GRADE AND MATCH SIDEWALK GRADES WHERE REQUIRED. VERIFY GREASE TRAP MEETS WESTERN VIRGINIA WATER AUTHORITY SPECIFICATIONS PRIOR TO INSTALLATION. REFER TO PLUMBING PLAN, SHEET P-1.1. DETAIL SHOWN ON SHEET C-5.0.
9. 4" KITCHEN WASTE LINE
10. 3" VENT LINE. CONNECT TO GREASE INTERCEPTOR (SEE SHEET P1 FOR LOCATION).
11. 4" RESTROOM WASTE LINE
12. 3" DUMPSTER WASTE LINE AT 1.0% SLOPE MIN. (IF REQUIRED BY LOCAL JURISDICTION), INCLUDING ALL FITTINGS
13. DUMPSTER PAD DRAIN REFER TO THE FIXTURE CONNECTION SCHEDULE (P-32) DEPICTED ON THE PROJECT PLUMBING PLANS.
14. DUMPSTER POST HYDRANT REFER TO THE FIXTURE CONNECTION SCHEDULE (P-31) DEPICTED ON THE PROJECT PLUMBING PLANS.
15. CFA SERVICE
16. DOWNSPOUT FOR ROOF DRAINAGE (REFER TO ARCHITECTURAL PLANS)
17. EXISTING WATER LINE
18. PROPOSED GAS SERVICE BY ROANOKE GAS COMPANY. CONTRACTOR SHALL COORDINATE INSTALLATION TO INSURE THE APPROPRIATE BENDS ARE INCORPORATED TO MAINTAIN A MINIMUM OF 1.0' CLEARANCE BELOW ALL STORM SEWER, WATER, AND WASTEWATER LINES OR SERVICES WHEN CROSSING.
19. COORDINATE GAS METER INSTALLATION WITH THE ROANOKE GAS COMPANY.
20. 4" SCHEDULE 40 PVC IRRIGATION SLEEVE (REFER TO IRRIGATION PLANS)
21. 4" PVC SCHEDULE 80 ROOF DRAIN PIPE STUBBED THROUGH CURB
22. UNDERGROUND PRIMARY ELECTRIC SERVICE.
23. INSTALL TRANSFORMER PER AMERICAN ELECTRIC COMPANY STANDARDS. SEE SERVICE UTILITY NOTES, THIS SHEET. (NOT APPLICABLE)
24. UNDERGROUND PRIMARY TELEPHONE SERVICE.
25. UNDERGROUND SECONDARY ELECTRIC SERVICE TO BUILDING. CONTRACTOR SHALL INSTALL AND PAY ALL AFFILIATED COST RELATED TO WORK. SEE SERVICE UTILITY NOTES, THIS SHEET. (REFER TO MEP PLANS)
26. 4" TWO-WAY CLEAN OUT (REFER TO PLUMBING PLANS)

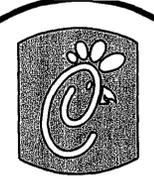
NOTICE: EXISTING UTILITY LOCATIONS

PRIOR TO EXCAVATION AND INSTALLATION OF ANY UNDERGROUND UTILITY, STORM DRAINAGE FACILITIES, GRADING & PAVING, AND OTHER RELATED CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL CONTACT THE LOCAL UTILITY LOCATING COMPANY. THE CONTRACTOR SHALL ALSO BE REQUIRED TO COORDINATE DIRECTLY (AS NECESSARY) WITH EACH APPLICABLE UTILITY AGENCY FOR APPROPRIATE FIELD LOCATION MARKING. THE CONTRACTOR SHALL BE RESPONSIBLE TO ASSURE THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED & MARKED TO PERFORM THE WORK IN A SAFE MANNER WITHOUT DAMAGE TO EXISTING UTILITIES.

NOTICE: COORDINATION OF UTILITIES INSTALLATION

THE CONTRACTOR SHALL COORDINATE WITH EACH UTILITY AGENCY FOR INSTALLATION OF SERVICE, ROUTE SELECTION, AND OTHER ISSUES PERTAINING TO INSTALLATION.

AS - BUILT
03/14/2008



5200 Buffington Rd.
Atlanta, GA. 30349-2998
contact: Kevin Kilgore
(404) 684-8654

Revisions:
Mark Date By

Mark Date By

Mark Date By



PBS
5665 New Northside Drive
Suite 400 30328
Atlanta, Georgia 30328
(770) 933-0971 Fax

STORE
**CHICK-FIL-A
SOUTHERN
HILLS DRIVE
@ GRIFFIN ROAD
ROANOKE, VA.**

SHEET TITLE

**PLUMBING
SITE PLAN**

Preliminary
 80% Submittal
 For Construction

Job No.: 061957
Store: 2139
Date: 2-26-07

Drawn By: JDR
Checked By: TMR

Sheet

PS-1.0

**FOR SANITARY SEWER AND WATER
LINE NOTES SEE DRAWING NO. C-5.3**