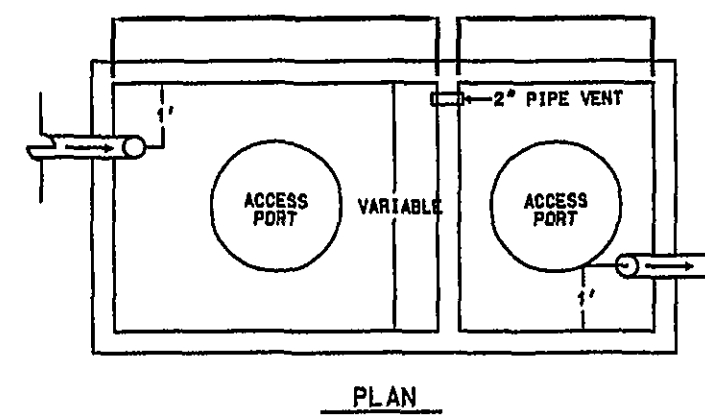


1. 2,000 GALLON GREASE INTERCEPTOR

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 CASSIE ALTICE, 601 S. JEFFERSON STREET, SUITE 300, ROANOKE, VA 240 2. CALL (540) 853-5698 TO SCHEDULE GREASE INTERCEPT INSPECTION SHALL OCCUR PRIOR TO CONTRACTOR COVER THE GREASE INTERCEPTOR.



**NOTES:**

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

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.

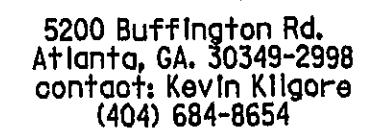
THE CONTRACTOR SHALL USE EXTREME CAUTION TO PROPERLY SHEET, SHORE, AND DEWATER EXCAVATION TO COMPLETE THE CONNECTION IN A SAFE MANNER, AND WITHOUT DAMAGE OR SETTLEMENT TO EXISTING FACILITIES, ROAD OR SHOPPING CENTER DRIVE. PROVIDE THE NECESSARY TRAFFIC CONTROL MEASURES TO PREVENT TRAFFIC FROM DRIVING 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 PI 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 COSTS RELATED TO WORK. SEE SERVICE UTILITY NOTES, THIS SHEET. (REFER TO MEP PLANS)
- 26 4" TWO-WAY CLEAN OUT (REFER TO PLUMBING PIANS)

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 FOR ASSURING ALL EXISTING UTILITIES HAVE BEEN LOCATED & MARKED TO PERFORM THE WORK IN A SAFE MANNER WITHOUT DAMAGE TO EXISTING UTILITIES.

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

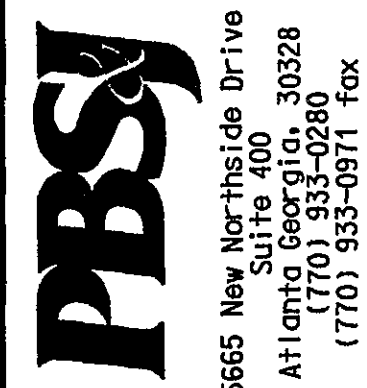
**FOR SANITARY SEWER AND WATER  
LINE NOTES SEE DRAWING NO. C-5.3**



Mark Date By

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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

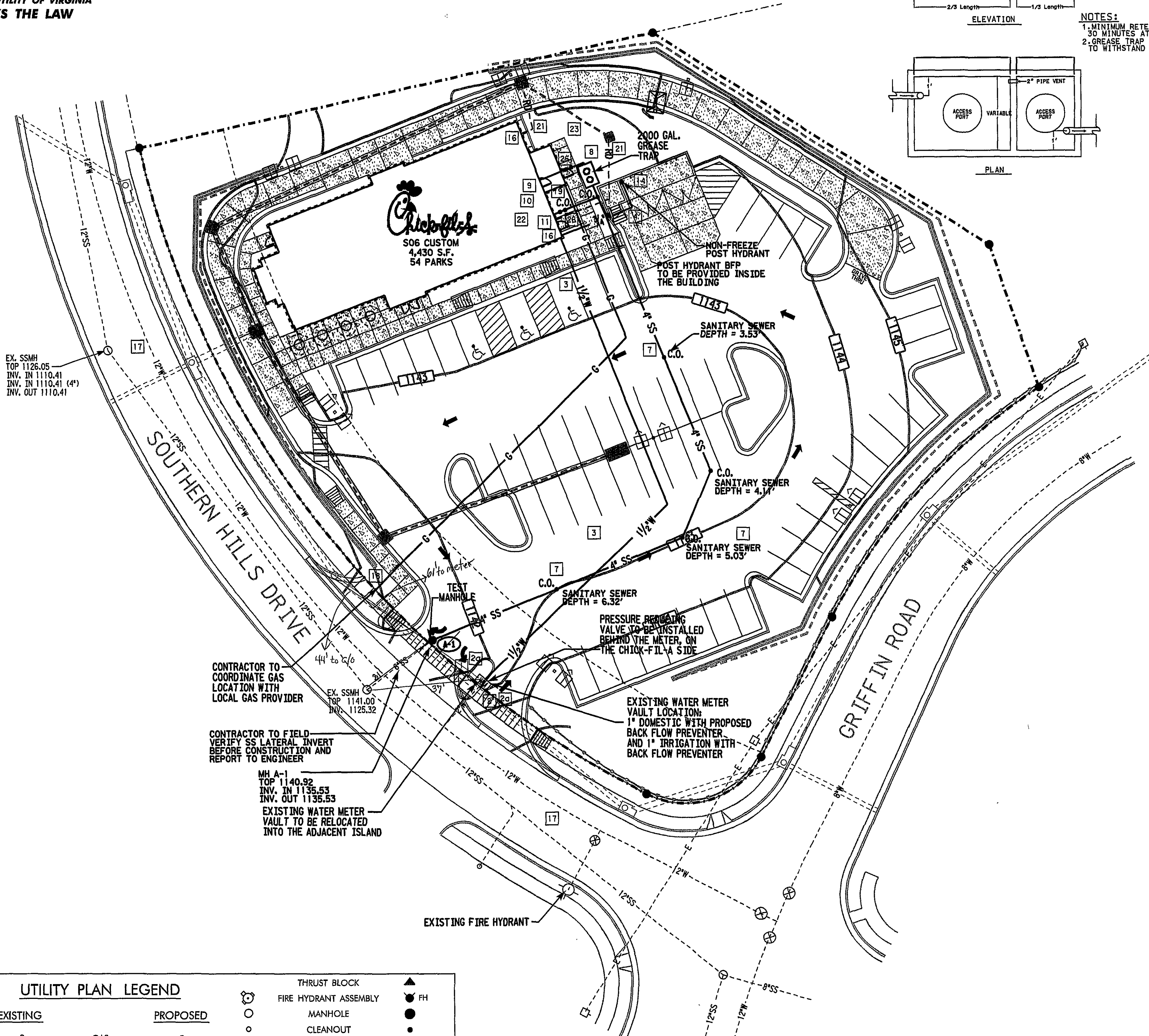
Date: 2-26-07

Drawn By: JDR

Checked By: TMR



















Sheet

PS-1.0



**EXISTING**

—G—	GAS
—W—	WATER
—F—	FIRE
—E—	ELECTRICITY
—T—	TELEPHONE
—SS—	SANITARY SEWER

	THRUST BLOCK	
	FIRE HYDRANT ASSEMBLY	
	MANHOLE	
	CLEANOUT	
	POST INDICATOR VALVE	
	VALVE	
	STRUCTURE LABEL	
	WATER METER	
	LIGHTING	

AS - BUILT  
03/14/2008