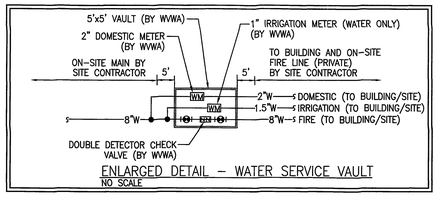
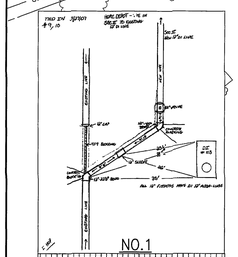
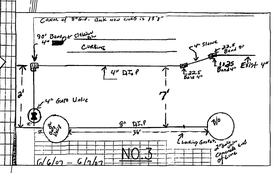


ENLARGED DETAIL – WATER SERVICE VAULT
NO SCALE

UTILITY NOTES:

1. CONTRACTOR TO CONFIRM LOCATION & INVERT PRIOR TO INSTALLATION OF NEW SERVICE LINES.
2. CONTRACTOR TO CONTACT THE WESTERN VIRGINIA WATER AUTHORITY (853-5700) PRIOR TO EXTENDING WATER & SEWER SERVICE LINES AND TO COORDINATE THE CONNECTION TO THE EXISTING WATER AND SEWER MAINS.
3. CONTRACTOR SHALL CONSULT WITH AMERICAN ELECTRIC POWER CO. TO DETERMINE SIZE AND EXACT LOCATION OF TRANSFORMER PAD.
4. CLEAN-OUTS IN PAVEMENT OR SIDEWALK SHALL BE SET IN 6" DIAMETER CAST IRON VALVE BOX WITH TOP SET FLUSH WITH FINISHED PAVED GRADE.
5. GAS SERVICE LINE IS SHOWN FOR GENERAL INFORMATION ONLY. EXACT LOCATION TO BE DETERMINED AND INSTALLED BY ROANOKE GAS COMPANY.
6. UNLESS OTHERWISE NOTED, SANITARY SEWER LATERALS SHALL BE INSTALLED AT 1/4"/1' SLOPE (MIN.) FROM POINT OF CONNECTION TO BUILDING. CONTRACTOR TO CONFIRM INVERT OF EXISTING MAIN OR LATERAL PRIOR TO INSTALLATION OF LATERAL.
7. REFER TO BUILDING PLANS FOR EXACT LOCATION OF UTILITY SERVICE CONNECTIONS.
8. ALL WATER AND SEWER WORK SHALL CONFORM TO WESTERN VIRGINIA WATER AUTHORITY (WVWA) STANDARDS, LATEST EDITION.
9. AREA OF OPEN CUT SHOWN IS MINIMUM REQUIRED TO INSTALL UTILITY LINES. CONTRACTOR SHALL BE REQUIRED TO REPLACE, IN ACCORDANCE WITH APPLICABLE DETAILS, ANY PAVEMENT DAMAGED OR REMOVED BY UTILITY INSTALLATION.
10. CONTRACTOR SHALL ENSURE THE EXISTING WATER AND SEWER SERVICES WHICH RUN THROUGH THE SITE REMAIN IN SERVICE AT ALL TIMES UNLESS A SHUTDOWN IS APPROVED BY WWA.





KEYNOTES:

1. STORM DRAIN SHOWN HEREON FOR INFORMATION ONLY.
2. NEW WATER MAIN, SIZE AS INDICATED.
3. CONTRACTOR SHALL FURNISH AND INSTALL FULL STAINLESS STEEL TAPPING SLEEVE AND VALVE. CONTRACTOR IS TO CONTACT UTILITY LINE SERVICES AT 540-853-2596 AT LEAST 72 HOURS IN ADVANCE OF TIME WET TAP IS NEEDED. WESTERN VIRGINIA WATER AUTHORITY TO TAP WATER MAIN. SITE CONTRACTOR TO EXTEND WATER LINE FROM TAP AS SHOWN HEREON.
4. GAS METER AND SERVICE LINE BY ROANOKE GAS COMPANY. COORDINATE LOCATION WITH GAS COMPANY AND BUILDING PLANS.
5. OPEN CUT IN PAVEMENT. SEE UTILITY TRENCH REPAIR IN PAVEMENT DETAILS (UTR-1 & UTR-2) ON SHEET C-14.
6. NEW PUBLIC FIRE HYDRANT ASSEMBLY. CONTRACTOR IS RESPONSIBLE FOR COORDINATING BURY DEPTH WITH OTHER UTILITIES.
7. NEW SANITARY SEWER MAIN. CONTRACTOR TO INSTALL SANITARY SEWER LINE AS SHOWN. REFER TO SANITARY SEWER PROFILE ON SHEET C-9.
8. SAMPLING STRUCTURE. SEE SHEET C-15 FOR DETAIL S-07.
9. APPROXIMATE LOCATION OF TRANSFORMER PAD. EXACT LOCATION TO BE DETERMINED BY POWER COMPANY. REFER TO ARCHITECTURAL PLANS FOR LOCATION OF ELECTRIC SERVICES LINES INTO BUILDING.
10. FIRE SPRINKLER RISER AND WALL MOUNTED INDICATOR VALVE. REFER TO SHEET FS1.0 FOR FIRE SPRINKLER RISER DETAIL. SITE CONTRACTOR TO STUB RISER PIPE 6" ABOVE FFE.
11. NEW 7'x9' WATER SERVICE VAULT. WESTERN VIRGINIA WATER AUTHORITY TO PROVIDE AND INSTALL WATER SERVICE VAULT. METER BOX, METER SETTING, DOUBLE DETECTOR CHECK VALVE, AND METER TO BE PROVIDED AND INSTALLED BY WESTERN VIRGINIA WATER AUTHORITY. SITE CONTRACTOR TO EXTEND 2" DOMESTIC AND 8" FIRE LINE FROM VAULT TO BUILDING. SEE ENLARGED DETAIL THIS SHEET FOR ADDITIONAL INFORMATION.
12. TWO (2) – 5" SCH. 40 PVC ELECTRICAL CONDUITS FROM BUILDING TO ELECTRICAL POLE ALONG FRANKLIN ROAD. COORDINATE W/AEP PRIOR TO PLACEMENT OF CONDUIT.
13. TWO (2) – 4" SCH. 40 PVC TELEPHONE CONDUITS FROM BUILDING TO RIGHT-OF-WAY. COORDINATE WITH VERIZON PRIOR TO PLACEMENT OF CONDUITS.
14. EXISTING POWER POLES AND LINES TO BE RELOCATED BY OTHERS.
15. EXISTING WATERLINE AND SEWER LINE UNDER PROPOSED "DRIVE-THRU SLAB" SHALL BE REMOVED OR FILLED UNDER PRESSURE WITH NON-SHRINK GROUT. HOME DEPOT'S GEOTECHNICAL ENGINEER SHALL DETERMINE IF ABANDONED MANHOLE IS TO BE REMOVED.
16. KNOX BOX LOCATION. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
17. FIRE DEPARTMENT CONNECTION MOUNTED TO FRONT WALL. REFER TO FIRE PROTECTION PLAN FOR ADDITIONAL INFORMATION.
18. NEW 8" WATERLINE BY OTHERS UNDER CITY PROJECT NO. 05-07-01. NOTE: IF CITY PROJECT DOES NOT PROCEED, DEVELOPER SHALL BE REQUIRED TO INSTALL WATERLINE (DASHED) AND CONNECT TO EXIST. 4" IN SOUTHERN HILLS DRIVE.
19. SITE IRRIGATION SUPPLY LINE. REFER TO SHEET L-2 FOR SITE IRRIGATION PLAN. BACKFLOW PREVENTOR LOCATED IN PUMP ROOM.
20. THE EXISTING FIRE HYDRANT AT GRIFFIN ROAD AND SOUTHERN HILLS DRIVE SHALL NOT BE REMOVED UNTIL A NEW HYDRANT IS ESTABLISHED ALONG NEW ROAD.

UTILITY LEGEND:

- GM — GAS METER
- WM — WATER METER
- CO — SANITARY SEWER LINE/ LATERAL W/CLEANOUT
- 2"W — WATER LINE (SIZE AS INDICATED)
- AREA OF OPEN CUT IN PAVEMENT (SEE UTILITY NOTE 9)
- SANITARY SEWER SAMPLING STRUCTURE
- SITE LIGHT– REFER TO SHEET E-1
- FIRE HYDRANT
- GATE VALVE (N.C.) = NORMALLY CLOSED

UTILITY CONTACTS

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American Electric Power
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Roanoke, VA 24022-2121
River Avenue Service Center
802 River Avenue
(540) 427-3664

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Cox Communications
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Fax: (540) 776-8362

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Project Engineer
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(540) 777-3851
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Roanoke, VA 24014
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Fax: (540) 853-1600

Telephone:
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Verizon
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Roanoke, VA 24012
(540) 265-7567
Pager: (540) 855-2156
Fax: (540) 265-2858

THE HOME DEPOT
STORE AREA: 104,886 SF
GARDEN AREA: 28,086 SF
TRACT A
10.578 Ac.

TRACT B
1.778 Ac.

TRACT C
0.556 Ac.

GARDEN CENTER (28,088 SF)

AS-BUILT 08/23/2007

SCALE IN FEET
0 30 60

WVWA ID# 6SSNSY

Mattern & Craig
CONSULTING ENGINEERS • SURVEYORS
ROANOKE, VIRGINIA 24016
(540) 345-3342
FAX (540) 345-3891

Built On Reputation

Revisions	Date
1 GENERAL WORKPATIONS	04/02/07

Issue Date: April 14, 2006
Drawn By: CZY
Designed By: WFA
Checked By: WFA
Date: 1-14-2006

THE HOME DEPOT – SITE DEVELOPMENT PLANS
FRANKLIN ROAD AND VALLEY AVENUE

UTILITY PLAN

CITY OF ROANOKE, VIRGINIA

Vertical Scale: N/A
Horizontal Scale: 1" = 30'
Commission No. 2358-A
Sheet No.: C-5

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