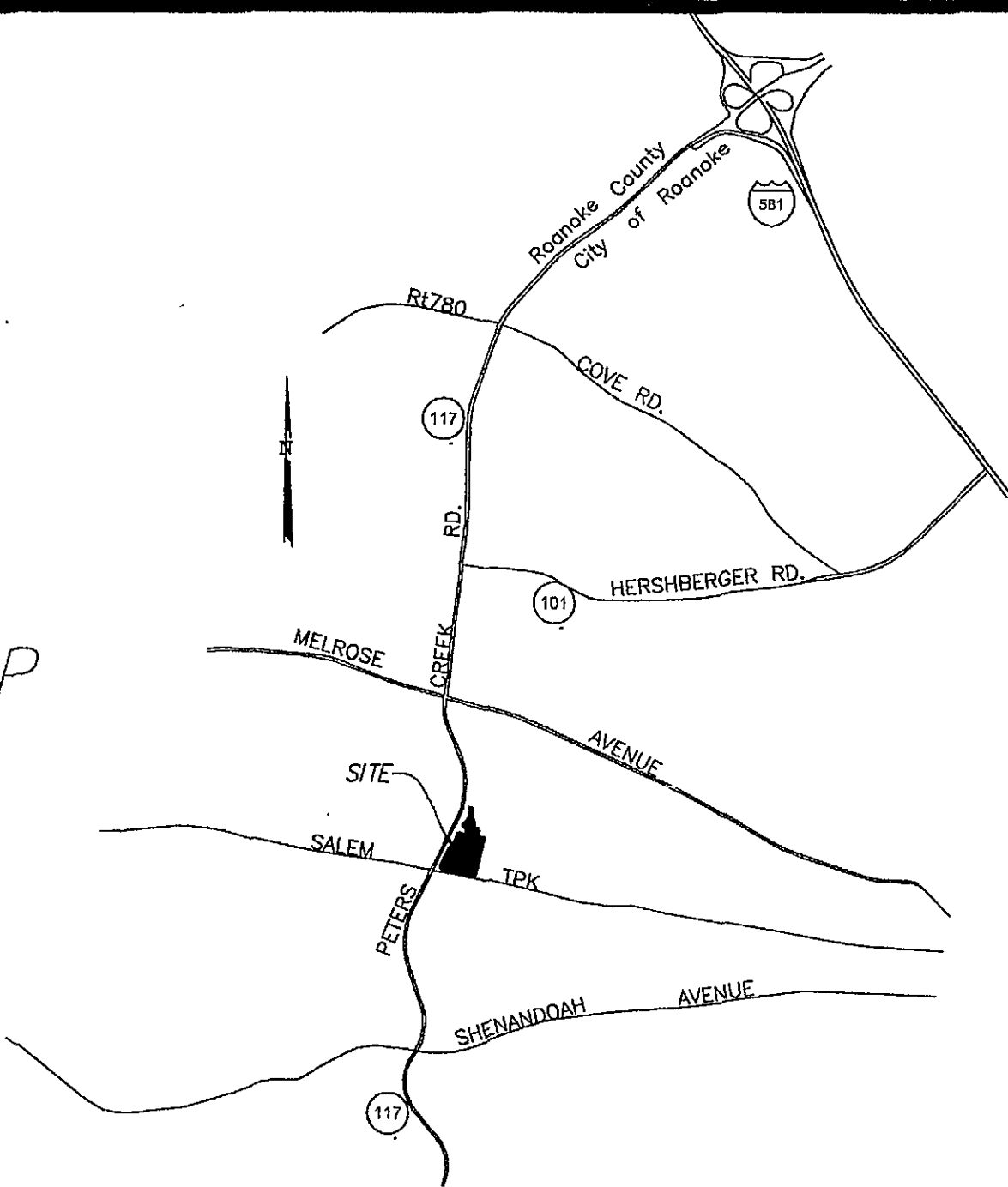


VICINITY MAP

NO SCALE



GENERAL NOTES

ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE CITY OF ROANOKE, AND THE WESTERN VIRGINIA WATER AUTHORITY.

THE CONTRACTOR OR DEVELOPER IS REQUIRED TO NOTIFY THE CITY OF ROANOKE ENGINEERING DEPARTMENT IN WRITING AT LEAST THREE (3) DAYS PRIOR TO ANY CONSTRUCTION, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

- INSTALLATION OF APPROVED EROSION CONTROL DEVICES.
- CLEARING AND GRUBBING.
- SUBGRADE EXCAVATION.
- INSTALLING STORM SEWERS OR CULVERTS.
- INSTALLING CURB AND GUTTER FORMS.
- PLACING CURB AND GUTTER.
- PLACING OTHER CONCRETE.
- PLACING GRAVEL BASE.
- PLACING ANY ROADWAY SURFACE.
- INSTALLING WATER LINES.
- INSTALLING SANITARY SEWER LINES.

MEASURES TO CONTROL EROSION AND SILTATION MUST BE PROVIDED FOR PRIOR TO PLAN APPROVAL. PLAN APPROVAL IN NO WAY RELIEVES THE DEVELOPER OR CONTRACTOR OF THE RESPONSIBILITIES CONTAINED IN EROSION AND SILTATION CONTROL POLICIES.

AN APPROVED SET OF PLANS AND ALL PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE.

FIELD CONSTRUCTION SHALL HONOR PROPOSED DRAINAGE DIVIDES AS SHOWN ON PLANS.

PAVEMENT SECTIONS ON APPROVED PLANS ARE BASED ON A MINIMUM CBR VALUE OF 10. CBR VALUES LESS THAN 10 WILL REQUIRE REVISED PAVEMENT SECTIONS.

CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AT THE JOB SITE.

VDOT STD. HR-1 HANDRAIL IS REQUIRED ON ALL WALLS EXCEEDING 4.0' IN HEIGHT.

CONSTRUCTION DEBRIS SHALL BE CONTAINED IN ACCORDANCE WITH THE VIRGINIA LITTER CONTROL ACT. NO LESS THAN ONE LITTER RECEPTACLE SHALL BE PROVIDED ON-SITE.

THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING MUD FROM TRUCKS AND/OR OTHER EQUIPMENT PRIOR TO ENTERING PUBLIC STREETS.

THE DEVELOPER AND/OR CONTRACTOR SHALL SUPPLY ALL UTILITY COMPANIES WITH COPIES OF APPROVED PLANS, ADVISING THEM THAT ALL GRADING AND INSTALLATION SHALL CONFORM TO APPROVED PLANS.

CONTRACTORS SHALL NOTIFY UTILITIES OF PROPOSED CONSTRUCTION AT LEAST TWO, BUT NOT MORE THAN TEN WORKING DAYS IN ADVANCE. AREA PUBLIC UTILITIES MAY BE NOTIFIED THROUGH MISS UTILITY AT (800) 552-7001.

ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE CITY OF ROANOKE AND/OR WESTERN VIRGINIA WATER AUTHORITY INSPECTORS.

FIELD CORRECTIONS SHALL BE APPROVED BY THE CITY OF ROANOKE ENGINEERING DEPARTMENT PRIOR TO SUCH CONSTRUCTION.

GRADE STAKES SHALL BE SET FOR ALL CURB AND GUTTER, CULVERT, SANITARY SEWER, AND STORM SEWER.

LOCATION OF UNDERGROUND UTILITIES IS BASED ON FIELD SURVEYS AND AS SHOWN BY AVAILABLE RECORDS. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

THE SITE WORK AND LANDSCAPING CONTRACTOR(S) SHALL COMPLY WITH LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES, BOTH ON AND OFF THE SITE. REFER TO THE VIRGINIA UNIFORM CODING SYSTEM CONTAINED IN THE VIRGINIA SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION, FOR DETAILS AND SPECIFICATIONS OF EROSION CONTROL ITEMS SHOWN ON THESE PLANS.

ALL STORM DRAIN CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE VIRGINIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL COORDINATE SITE WORK WITH BUILDING PLANS.

SEWER NOTES

A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED LINES. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING ALL MANHOLES AFTER PAVING. MANHOLE TOPS SHALL BE ADJUSTED TO GRADE IF NECESSARY.

ALL EXISTING UTILITIES MAY NOT BE SHOWN, OR MAY NOT BE SHOWN IN THE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH STATE WATER WORKS REGULATIONS, SECTION 12.05.03, WHERE LINES CROSS.

ALL SANITARY SEWER CONSTRUCTION SHALL ADHERE TO THE WESTERN VIRGINIA WATER AUTHORITY DESIGN AND CONSTRUCTION STANDARDS, LATEST EDITION.

LATERALS FROM MANHOLES SHALL BE P.V.C. OR DUCTILE IRON OF SUFFICIENT LENGTH TO PROVIDE TWO (2) FEET OF BEARINGS ON NATURAL GROUND. THE TRANSITION FROM DUCTILE IRON TO ASBESTOS CEMENT OR CONCRETE PIPE SHALL BE MADE WITH AN ADAPTOR COUPLING IN THE RIGHT OF WAY.

ALL TRENCHES IN EXISTING OR FUTURE HIGHWAY RIGHT-OF-WAYS SHALL BE COMPACTED IN ACCORDANCE WITH THE CITY OF ROANOKE RIGHT OF WAY EXCAVATION AND RESTORATION STANDARDS.

LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

ALL CONNECTIONS TO EXISTING MANHOLES OR MAINS SHALL BE MADE BY THE WESTERN VIRGINIA WATER AUTHORITY.

WATER NOTES

A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED LINES.

CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING VALVE VAULTS AFTER PAVING AND ADJUSTMENT TO FINAL GRADE IF NECESSARY.

ALL EXISTING UTILITIES MAY NOT BE SHOWN, OR MAY NOT BE SHOWN IN THE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH STATE WATER WORKS REGULATIONS, SECTION 12.05.03, WHERE LINES CROSS.

ALL WATERLINE CONSTRUCTION SHALL ADHERE TO THE WESTERN VIRGINIA WATER AUTHORITY DESIGN AND CONSTRUCTION STANDARDS, LATEST EDITION.

ALL TRENCHES IN EXISTING OR FUTURE HIGHWAY RIGHT-OF-WAYS SHALL BE COMPACTED IN ACCORDANCE WITH THE CITY OF ROANOKE RIGHT OF WAY EXCAVATION AND RESTORATION STANDARDS.

LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

ALL CONNECTIONS TO EXISTING MAINS SHALL BE MADE BY THE WESTERN VIRGINIA WATER AUTHORITY.

WATER MAIN SHALL BE MINIMUM CLASS 50 DUCTILE IRON IN ACCORDANCE W/ AWWA C151 OR DR-14 PVC IN ACCORDANCE W/ C-900.

ENGINEER'S NOTES

CALDWELL WHITE ASSOCIATES ASSUMES NO RESPONSIBILITY FOR ADEQUACY OF PLANS OR FOR INFORMATION ON PLANS UNTIL SUCH PLANS HAVE BEEN APPROVED BY THE REQUIRED PUBLIC AGENCIES.

ANY WORK COMMENCED ON A PROJECT PRIOR TO PLAN APPROVAL IS AT SOLE RISK OF THE DEVELOPER.

CALDWELL WHITE ASSOCIATES DOES NOT GUARANTEE THE COMPLETION OR QUALITY OF PERFORMANCE OF THE CONTRACTS BY CONTRACTORS OR OTHER THIRD PARTIES.

SOURCE OF TOPOGRAPHIC MAPPING IS AERIAL SURVEY PROVIDED BY THE CITY OF ROANOKE.

BOUNDARY DATA IS FROM FIELD SURVEY BY LUMSDEN ASSOCIATES, P.C. DATED JANUARY 22, 2003.

STANDARD CITY OF ROANOKE
CONSTRUCTION PROCEDURE
REQUIREMENTS

NOTICE: ALL LANDOWNERS, DEVELOPERS AND CONTRACTORS: FAILURE TO COMPLY WITH THE CONSTRUCTION PROCEDURE REQUIREMENTS LISTED BELOW MAY RESULT IN THE COSTLY REMOVAL OF STRUCTURES, TIME DELAYS OR THE ISSUANCE OF A STOP WORK ORDER.

CITY INSPECTIONS - TO INSURE THE COORDINATION OF TIMELY AND PROPER INSPECTIONS, A PRE-CONSTRUCTION CONFERENCE SHALL BE INITIATED BY THE APPLICANT, GENERAL CONTRACTOR, ETC, WITH THE DEVELOPMENT INSPECTOR. CALL (540) 853-1227 TO ARRANGE A CONFERENCE AT LEAST THREE (3) DAYS PRIOR TO ANTICIPATED CONSTRUCTION.

RIGHT-OF-WAY EXCAVATION PERMIT - PRIOR TO THE COMMENCEMENT OF ANY DIGGING, ALTERATION OR CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY (STREETS, ALLEYS, PUBLIC EASEMENTS), A RIGHT-OF-WAY EXCAVATION PERMIT SHALL BE APPLIED FOR AND OBTAINED BY THE CONTRACTOR FROM THE CITY OF ROANOKE.

LAND DISTURBANCE PERMIT - AN APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR ANY BORROW/FILL SITES ASSOCIATED WITH THE PROJECT MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A LAND DISTURBANCE PERMIT

PLANS AND PERMITS - A COPY OF THE PLANS AS APPROVED BY THE CITY (SIGNED BY THE PROPER CITY OFFICIALS) AND ALL PERMITS ISSUED BY THE CITY SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES OF ONGOING CONSTRUCTION.

LOCATION OF UTILITIES - THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

CONSTRUCTION ENTRANCE - THE CONTRACTOR SHALL INSTALL AN ADEQUATE CONSTRUCTION ENTRANCE FOR ALL RELATED EGRESS FROM THE SITE. SIZE AND COMPOSITION OF CONSTRUCTION ENTRANCE SHALL BE AS SHOWN ON THE PLANS.

STREETS TO REMAIN CLEAN - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT THE PUBLIC STREET ADJACENT TO THE CONSTRUCTION ENTRANCE REMAINS FREE OF MUD, DIRT, DUST, AND/OR ANY TYPE OF CONSTRUCTION MATERIALS OR LITTER AT ALL TIMES.

BARRICADES/DITCHES - THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL EXCAVATED DITCHES AND SHALL FURNISH AND ENSURE THAT ALL BARRICADES PROPER AND NECESSARY FOR THE SAFETY OF THE PUBLIC ARE IN PLACE.

SEWER AND PAVEMENT REPLACEMENT - CONSTRUCTION OF SANITARY SEWERS AND THE REPLACEMENT OF PAVEMENT SHALL BE IN ACCORDANCE WITH APPROVED STANDARDS AND SPECIFICATIONS OF THE CITY OF ROANOKE AND THE WESTERN VIRGINIA WATER AUTHORITY.

APPROVED PLANS/CONSTRUCTION CHANGES - ANY CHANGES OR VARIATION FROM CONSTRUCTION DESIGN AS SHOWN ON THE OFFICIALLY APPROVED PLANS SHALL BE APPROVED BY THE EROSION AND SEDIMENT CONTROL AGENT PRIOR TO SAID CHANGES OR VARIATION IN CONSTRUCTION BEING MADE.

FINAL ACCEPTANCE/CITY - THE OWNER OR DEVELOPER SHALL FURNISH THE CITY OF ROANOKE'S PLANNING BUILDING AND DEVELOPMENT DEPARTMENT WITH A FINAL CORRECT SET OF AS-BUILT PLANS PRIOR TO FINAL ACCEPTANCE BY THE CITY.

NOTICE: ALL LANDOWNERS, DEVELOPERS, AND CONTRACTORS

FAILURE TO COMPLY WITH THE CONSTRUCTION PROCEDURE REQUIREMENTS LISTED ABOVE MAY RESULT IN THE COSTLY REMOVAL OF STRUCTURES, TIME DELAYS, OR THE ISSUANCE OF A STOP WORK ORDER.

RESPONSIBLE LAND DISTURBER CERTIFICATION

THIS PROJECT IS CURRENTLY OUT TO BID. THE SUCCESSFUL BIDDER SHALL NAME ONE PERSON RESPONSIBLE FOR ALL LAND DISTURBANCE ACTIVITIES AND EROSION CONTROL MEASURES. THE PERSON NAMED SHALL HOLD A VALID "RESPONSIBLE LAND DISTURBER CERTIFICATE" UNDER THE GENERAL ASSEMBLY REVISIONS TO THE VIRGINIA EROSION & SEDIMENT CONTROL LAW AS REVISED JULY 01, 2001. THE PERSON NAMED WILL BE IN CHARGE OF AND RESPONSIBLE FOR CARRYING OUT ALL EROSION CONTROL MEASURES. THE PERSON NAMED SHALL AFFIX SIGNED AND PRINTED NAME TO ONE COPY OF THIS SHEET AND SUBMIT TO THE CITY OF ROANOKE DEPARTMENT OF PLANNING BUILDING AND DEVELOPMENT. THE APPROVING AUTHORITIES WILL NOT ISSUE A LAND DISTURBING PERMIT UNTIL THIS NAME HAS BEEN PROVIDED TO SAID DEPARTMENT.

PRINTED NAME _____ COMPANY NAME _____
SIGNATURE _____ CONTACT ADDRESS _____
RESPONSIBLE LAND DISTURBER CERT. NUMBER _____
EXPIRATION DATE _____ TELEPHONE _____

REVISIONS				
Designed: JMK	No.	Date	Remarks	By
Drawn: JMK	1	11/02/05	CITY OF ROANOKE COMMENTS DATED SEPT. 23, 2005	JMK
	2	11/28/05	CITY OF ROANOKE COMMENTS DATED SEPT. 23, 2005	JMK
Date: SEPTEMBER 1, 2005				
W.O. # 05-0052				
N.B. # WES-32				

SHEET

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SHEET INDEX
TITLE

TITLE SHEET
NARRATIVES AND CONSTRUCTION NOTES
DIMENSIONAL LAYOUT AND LANDSCAPING PLAN
SITE GRADING AND UTILITY PLAN
EROSION AND SEDIMENT CONTROL PLAN
SITE & CONSTRUCTION DETAILS
EROSION CONTROL DETAILS
STORM AND SANITARY SEWER PROFILES

ABBREVIATIONS

AHFF ARROW HEAD TOP OF TREE HYDRANT
APPROX APPROXIMATE
ASPH ASPHALT
BC BOTTOM OF CURB
BIT BITUMINOUS
BLDG BUILDING
BLK BLOCK
BM BENCHMARK
BW BOTTOM OF WALL
CB CINDER BLOCK
C&G CURB & GUTTER
CMP CORRUGATED METAL PIPE
CONC CONCRETE
COR CORNER
DBL DOUBLE
DEFL DEFLECTION
DI DROP INLET
DIA DIAMETER
DE DRAINAGE EASEMENT
ELEC ELECTRIC
ELEV ELEVATION
ENTR ENTRANCE
EP EDGE OF PAVEMENT
EW ENDWALL
EXIST EXISTING
FDN FOUNDATION
FF FINISH FLOOR
FG FINISH GRADE
HPT HIGH POINT
INV INVERT
IP IRON PIN
LT LEFT
MBL MINIMUM BUILDING LINE
MH MANHOLE

MIN MINIMUM
MOV MOVEMENT
NBL NORTH BOUND LANE
PROP PROPOSED
PUE PUBLIC UTILITY EASEMENT
PWT PAVEMENT
R RADIUS
RT RIGHT
R/W RIGHT OF WAY
REQD REQUIRED
RH RAILROAD
RYS REAR YARD SETBACK
SAN SANITARY
SBL SOUTH BOUND LANE
SD STORM DRAIN
SECT SECTION
SE SLOPE EASEMENT
SS SANITARY SEWER
SSE SANITARY SEWER EASEMENT
STA STATION
STD STANDARD
STO STORAGE
SYS SIDE YARD SETBACK
TBM TEMPORARY BENCHMARK
TOP TOP OF CURB
TEL TELEPHONE
TRANS TRANSFORMER
TW TOP OF WALL
TYP TYPICAL
VIR VIRGINIA DEPARTMENT OF TRANSPORTATION
VOT VERTICAL
WBL WEST BOUND LANE
YD YARD

LEGEND

SYMBOLS

EXISTING 100.5
NEW 100.5
SPOT ELEVATION
CONTOURS
SANITARY SEWER LINE
WATERLINE
STORM DRAIN
GAS LINE
OVERHEAD ELECTRIC LINE
OVERHEAD TELEPHONE LINE
OVERHEAD CABLE TELEVISION LINE
UNDERGROUND TEL OR ELEC LINE
WATER OR GAS METER
VALVE
FIRE HYDRANT
MANHOLE
CLEANOUT
DROP INLET (CURB OR GRATE)
UTILITY POLE, GUY & ANCHOR
DITCH OR SWALE
CENTERLINE OR BASELINE
PROPERTY LINE
SURVEY TRAVERSE POINT
DEFLECTION ANGLE
DIRECT ANGLE
YARD LIGHTING
YARD HYDRANT
WELL
BENCHMARK
FENCE
TREE LINE
RAILROAD
HANDICAPPED SPACE

NAME OF DEVELOPMENT CHURCH ALIVE INTERNATIONAL

LOCATION PETERS CREEK ROAD AND SALEM TURNPIKE NW ROANOKE, VA. 24017

OWNER CHURCH ALIVE INTERNATIONAL
P.O. BOX 12346
ROANOKE, VA. 24024

DEVELOPER CHURCH ALIVE INTERNATIONAL
P.O. BOX 12346
ROANOKE, VA. 24024

TAX #(S) 6050113

DEVELOPMENT PLAN APPROVED

Agent, Planning Commission *B. Stouffer* Date 3-1-06

Development Engineer *Conley Taylor* 3-1-06

Zoning Administrator *John H. Hines* 3/3/06

Any changes to this approved plan must be coordinated with the City of Roanoke Planning and Development Department prior to construction.

ENGINEERS / SURVEYORS / PLANNERS

4203 MELROSE AVENUE, N.W.
P.O. BOX 8260
ROANOKE, VIRGINIA 24017-0260
(540) 366-3400
FAX: (540) 366-8702

WWWVA ID# 6PFMYR